

Question: Student's Age  
Location: Derived (PSDAGE)

| Country                 | Sample | Valid N | Not<br>Adm.<br>% | Not<br>App.<br>% | Omitt<br>ed<br>% | Mean | Mode | Min  | P5   | P10  | Q1   | Median | Q3   | P90  | P95  | Max  |
|-------------------------|--------|---------|------------------|------------------|------------------|------|------|------|------|------|------|--------|------|------|------|------|
| France                  | 3958   | 3957    | 0.0              | 0.0              | 0.0              | 18.0 | 18.1 | 15.4 | 17.2 | 17.4 | 17.6 | 17.9   | 18.3 | 18.7 | 19.1 | 22.3 |
| Italy                   | 3424   | 3424    | 0.0              | 0.0              | 0.0              | 18.9 | 18.8 | 17.4 | 18.3 | 18.3 | 18.5 | 18.8   | 19.1 | 19.3 | 19.8 | 22.1 |
| Lebanon                 | 1156   | 1156    | 0.0              | 0.0              | 0.0              | 17.8 | 18.3 | 16.3 | 17.1 | 17.3 | 17.5 | 17.8   | 18.1 | 18.3 | 18.7 | 22.3 |
| Norway                  | 2472   | 2470    | 0.0              | 0.0              | 0.1              | 18.8 | 18.9 | 17.3 | 18.3 | 18.3 | 18.5 | 18.8   | 19.0 | 19.2 | 19.5 | 23.6 |
| Portugal                | 1783   | 1781    | 0.0              | 0.0              | 0.1              | 18.0 | 17.9 | 16.0 | 17.4 | 17.5 | 17.7 | 17.9   | 18.3 | 18.4 | 18.9 | 20.5 |
| Russian Federation      | 3822   | 3822    | 0.0              | 0.0              | 0.0              | 17.7 | 17.8 | 16.3 | 17.0 | 17.2 | 17.4 | 17.7   | 18.0 | 18.3 | 18.3 | 19.4 |
| Slovenia                | 1106   | 1106    | 0.0              | 0.0              | 0.0              | 18.8 | 18.8 | 17.7 | 18.3 | 18.4 | 18.5 | 18.8   | 19.0 | 19.2 | 19.3 | 20.9 |
| Sweden                  | 3727   | 3726    | 0.0              | 0.0              | 0.0              | 18.8 | 19.0 | 17.3 | 18.3 | 18.3 | 18.5 | 18.8   | 19.0 | 19.2 | 19.6 | 22.3 |
| United States           | 2932   | 2928    | 0.0              | 0.0              | 0.2              | 18.1 | 18.1 | 16.3 | 17.5 | 17.6 | 17.8 | 18.1   | 18.4 | 18.6 | 18.8 | 22.3 |
| International Avg (n=9) | 24380  | 24370   | 0.0              | 0.0              | 0.0              | 18.3 | 18.4 | 16.7 | 17.7 | 17.8 | 18.0 | 18.3   | 18.6 | 18.8 | 19.1 | 21.7 |

Question: Are you female or male  
Location: SQG-01 (PSBG01)

| Country                 | Sample | Valid N | 1.Female % | 2.Male % | Not Administered % | Not Applicable % | Omitted % | 1.Female Mean | 2.Male Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|------------|----------|--------------------|------------------|-----------|---------------|-------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3946    | 47.1       | 52.9     | 0.7                | 0.0              | 0.0       | 354.9         | 390.1       | 302.1                 | .                   | .            |
| Italy                   | 3424   | 3409    | 45.9       | 54.1     | 0.4                | 0.0              | 0.0       | 356.5         | 389.1       | 321.1                 | .                   | .            |
| Lebanon                 | 1156   | 1156    | 37.2       | 62.8     | 0.0                | 0.0              | 0.0       | 417.2         | 406.0       | .                     | .                   | .            |
| Norway                  | 2472   | 2460    | 29.1       | 70.9     | 0.5                | 0.0              | 0.0       | 489.0         | 514.9       | 480.7                 | .                   | .            |
| Portugal                | 1783   | 1772    | 24.5       | 75.5     | 0.6                | 0.0              | 0.0       | 455.9         | 470.3       | 432.4                 | .                   | .            |
| Russian Federation      | 3822   | 3814    | 41.8       | 58.2     | 0.2                | 0.0              | 0.0       | 498.4         | 514.3       | 440.8                 | .                   | .            |
| Slovenia                | 1106   | 1094    | 29.7       | 70.3     | 1.2                | 0.0              | 0.0       | 510.1         | 540.8       | 482.5                 | .                   | .            |
| Sweden                  | 3727   | 3717    | 40.8       | 59.2     | 0.2                | 0.0              | 0.0       | 448.2         | 459.5       | 349.1                 | .                   | .            |
| United States           | 2932   | 2921    | 38.9       | 61.1     | 0.7                | 0.0              | 0.0       | 409.0         | 455.1       | 459.3                 | .                   | .            |
| International Avg (n=9) | 24380  | 24289   | 37.2       | 62.8     | 0.5                | 0.0              | 0.0       | 437.7         | 460.0       | 408.5                 | .                   | .            |

Question: When were you born. Month  
Location: SQG-02a (PSBG02A)

| Country                 | Sample | Valid N | 1.Janu<br>ary<br>% | 2.Febr<br>uary<br>% | 3.Marc<br>h<br>% | 4.Apri<br>l<br>% | 5.May<br>% | 6.June<br>% | 7.July<br>% | 8.Augu<br>st<br>% | 9.Sept<br>ember<br>% | 10.Oct<br>ober<br>% | 11.Nov<br>ember<br>% | 12.Dec<br>ember<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% |
|-------------------------|--------|---------|--------------------|---------------------|------------------|------------------|------------|-------------|-------------|-------------------|----------------------|---------------------|----------------------|----------------------|------------------------------|----------------------------|------------------|
| France                  | 3958   | 3945    | 8.6                | 8.1                 | 8.9              | 8.6              | 8.3        | 8.3         | 8.1         | 8.0               | 8.7                  | 8.0                 | 7.7                  | 8.7                  | 0.7                          | 0.0                        | 0.0              |
| Italy                   | 3424   | 3409    | 8.5                | 8.1                 | 9.2              | 8.5              | 8.9        | 8.6         | 9.2         | 9.2               | 8.1                  | 7.6                 | 7.1                  | 7.2                  | 0.4                          | 0.0                        | 0.0              |
| Lebanon                 | 1156   | 1156    | 15.1               | 6.8                 | 7.4              | 7.0              | 7.8        | 7.6         | 8.2         | 10.1              | 9.6                  | 8.2                 | 6.2                  | 5.9                  | 0.0                          | 0.0                        | 0.0              |
| Norway                  | 2472   | 2458    | 8.0                | 7.7                 | 10.0             | 8.7              | 9.8        | 8.3         | 8.6         | 8.1               | 8.4                  | 7.9                 | 6.6                  | 7.8                  | 0.5                          | 0.0                        | 0.1              |
| Portugal                | 1783   | 1770    | 8.3                | 7.2                 | 9.3              | 9.7              | 8.3        | 10.1        | 8.7         | 9.0               | 7.7                  | 5.9                 | 7.9                  | 7.9                  | 0.6                          | 0.0                        | 0.1              |
| Russian Federation      | 3822   | 3814    | 8.3                | 8.6                 | 8.0              | 7.7              | 8.7        | 8.8         | 8.4         | 7.7               | 8.4                  | 8.0                 | 7.5                  | 9.9                  | 0.2                          | 0.0                        | 0.0              |
| Slovenia                | 1106   | 1094    | 8.1                | 7.1                 | 8.0              | 6.4              | 8.9        | 10.7        | 9.1         | 9.0               | 7.5                  | 9.5                 | 7.6                  | 8.0                  | 1.2                          | 0.0                        | 0.0              |
| Sweden                  | 3727   | 3716    | 9.0                | 8.6                 | 10.1             | 8.3              | 9.1        | 8.0         | 8.0         | 9.2               | 7.3                  | 8.3                 | 6.7                  | 7.3                  | 0.2                          | 0.0                        | 0.0              |
| United States           | 2932   | 2918    | 7.9                | 7.1                 | 9.2              | 7.4              | 8.5        | 8.2         | 8.4         | 8.6               | 7.6                  | 9.1                 | 8.5                  | 9.6                  | 0.7                          | 0.0                        | 0.1              |
| International Avg (n=9) | 24380  | 24280   | 9.1                | 7.7                 | 8.9              | 8.0              | 8.7        | 8.7         | 8.5         | 8.8               | 8.1                  | 8.1                 | 7.3                  | 8.0                  | 0.5                          | 0.0                        | 0.0              |

Question: When were you born. Month  
Location: SQG-02a (PSBG02A)

| Country                 | Sample | Valid N | 1.Janu<br>ary<br>Mean | 2.Febr<br>uary<br>Mean | 3.Marc<br>h<br>Mean | 4.Apri<br>l<br>Mean | 5.May<br>Mean | 6.June<br>Mean | 7.July<br>Mean | 8.Augu<br>st<br>Mean | 9.Sept<br>ember<br>Mean | 10.Oct<br>ober<br>Mean | 11.Nov<br>ember<br>Mean | 12.Dec<br>ember<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|-----------------------|------------------------|---------------------|---------------------|---------------|----------------|----------------|----------------------|-------------------------|------------------------|-------------------------|-------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3945    | 381.3                 | 376.0                  | 376.5               | 372.9               | 367.9         | 370.5          | 370.8          | 367.9                | 378.6                   | 379.8                  | 368.9                   | 371.6                   | 302.1                           | .                             | 160.7               |
| Italy                   | 3424   | 3409    | 384.4                 | 376.7                  | 374.3               | 357.3               | 380.6         | 367.9          | 369.1          | 375.9                | 371.7                   | 376.8                  | 382.0                   | 374.7                   | 321.1                           | .                             | .                   |
| Lebanon                 | 1156   | 1156    | 403.4                 | 419.7                  | 418.0               | 400.3               | 414.5         | 408.0          | 426.5          | 411.4                | 426.0                   | 401.0                  | 399.7                   | 388.4                   | .                               | .                             | .                   |
| Norway                  | 2472   | 2458    | 509.5                 | 508.6                  | 505.5               | 498.3               | 510.2         | 495.7          | 516.4          | 510.7                | 512.2                   | 507.1                  | 515.9                   | 500.6                   | 480.7                           | .                             | 445.9               |
| Portugal                | 1783   | 1770    | 474.7                 | 461.1                  | 467.3               | 460.5               | 468.5         | 467.2          | 469.1          | 464.0                | 466.8                   | 475.7                  | 460.0                   | 469.0                   | 432.4                           | .                             | 497.7               |
| Russian Federation      | 3822   | 3814    | 510.1                 | 512.2                  | 513.0               | 504.7               | 509.6         | 512.5          | 511.9          | 501.0                | 505.1                   | 517.1                  | 503.7                   | 492.6                   | 440.8                           | .                             | .                   |
| Slovenia                | 1106   | 1094    | 541.8                 | 536.8                  | 543.0               | 535.4               | 523.8         | 525.3          | 532.0          | 522.1                | 532.7                   | 525.7                  | 541.9                   | 526.3                   | 482.5                           | .                             | .                   |
| Sweden                  | 3727   | 3716    | 466.6                 | 453.5                  | 464.1               | 468.1               | 456.2         | 457.4          | 464.4          | 442.8                | 443.0                   | 443.5                  | 439.5                   | 452.9                   | 349.1                           | .                             | 591.7               |
| United States           | 2932   | 2918    | 418.2                 | 440.6                  | 429.1               | 450.0               | 426.9         | 453.8          | 443.2          | 419.5                | 439.3                   | 441.3                  | 449.3                   | 439.3                   | 459.3                           | .                             | 289.8               |
| International Avg (n=9) | 24380  | 24280   | 454.4                 | 453.9                  | 454.5               | 449.7               | 450.9         | 450.9          | 455.9          | 446.1                | 452.8                   | 452.0                  | 451.2                   | 446.2                   | 408.5                           | .                             | 397.1               |

Question: When were you born. Year  
Location: SQG-02b (PSBG02B)

| Country                 | Sample | Valid N | 1.1993<br>% | 2.1994<br>% | 3.1995<br>% | 4.1996<br>% | 5.1997<br>% | 6.1998<br>% | 7.1999<br>% | 8.2000<br>% | 9.2001<br>% | 10.Oth<br>er<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% |
|-------------------------|--------|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|------------------------------|----------------------------|------------------|
| France                  | 3958   | 3945    | 0.1         | 0.1         | 2.0         | 11.8        | 77.4        | 8.2         | 0.3         | 0.0         | 0.0         | 0.0               | 0.7                          | 0.0                        | 0.0              |
| Italy                   | 3424   | 3408    | 0.1         | 1.2         | 8.1         | 84.0        | 6.6         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0               | 0.4                          | 0.0                        | 0.0              |
| Lebanon                 | 1156   | 1156    | 0.1         | 0.5         | 1.3         | 6.7         | 79.5        | 12.0        | 0.0         | 0.0         | 0.0         | 0.0               | 0.0                          | 0.0                        | 0.0              |
| Norway                  | 2472   | 2457    | 0.5         | 0.9         | 5.3         | 92.5        | 0.8         | 0.0         | 0.0         | 0.0         | 0.0         | 0.1               | 0.5                          | 0.0                        | 0.1              |
| Portugal                | 1783   | 1770    | 0.0         | 0.1         | 1.6         | 9.4         | 87.2        | 1.7         | 0.0         | 0.0         | 0.0         | 0.0               | 0.6                          | 0.0                        | 0.1              |
| Russian Federation      | 3822   | 3814    | 0.0         | 0.0         | 0.0         | 6.2         | 77.4        | 16.3        | 0.0         | 0.0         | 0.0         | 0.0               | 0.2                          | 0.0                        | 0.0              |
| Slovenia                | 1106   | 1094    | 0.0         | 0.1         | 1.7         | 95.3        | 2.9         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0               | 1.2                          | 0.0                        | 0.0              |
| Sweden                  | 3727   | 3716    | 0.5         | 1.1         | 5.7         | 89.2        | 3.4         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0               | 0.2                          | 0.0                        | 0.0              |
| United States           | 2932   | 2918    | 0.0         | 0.0         | 1.4         | 30.2        | 66.2        | 2.2         | 0.0         | 0.0         | 0.0         | 0.0               | 0.7                          | 0.0                        | 0.1              |
| International Avg (n=9) | 24380  | 24278   | 0.2         | 0.4         | 3.0         | 47.3        | 44.6        | 4.5         | 0.0         | 0.0         | 0.0         | 0.0               | 0.5                          | 0.0                        | 0.0              |

Question: When were you born. Year  
Location: SQG-02b (PSBG02B)

| Country                 | Sample | Valid N | 1.1993<br>Mean | 2.1994<br>Mean | 3.1995<br>Mean | 4.1996<br>Mean | 5.1997<br>Mean | 6.1998<br>Mean | 7.1999<br>Mean | 8.2000<br>Mean | 9.2001<br>Mean | 10.Oth<br>er<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3945    | 191.6          | 318.5          | 307.7          | 319.9          | 378.5          | 423.9          | 403.9          | .              | .              | .                    | 302.1                           | .                             | 160.7               |
| Italy                   | 3424   | 3408    | 363.9          | 282.5          | 308.5          | 383.6          | 352.4          | .              | .              | .              | .              | .                    | 315.7                           | .                             | .                   |
| Lebanon                 | 1156   | 1156    | 299.0          | 350.7          | 333.3          | 367.9          | 415.0          | 413.2          | .              | .              | .              | .                    | .                               | .                             | .                   |
| Norway                  | 2472   | 2457    | 410.0          | 446.2          | 464.5          | 511.2          | 504.2          | .              | .              | .              | .              | 448.0                | 480.7                           | .                             | 369.3               |
| Portugal                | 1783   | 1770    | .              | 416.6          | 400.7          | 414.9          | 472.6          | 521.6          | 480.2          | .              | .              | .                    | 432.4                           | .                             | 497.7               |
| Russian Federation      | 3822   | 3814    | .              | .              | 471.7          | 490.1          | 507.1          | 516.9          | 622.0          | .              | .              | .                    | 440.8                           | .                             | .                   |
| Slovenia                | 1106   | 1094    | .              | 431.0          | 486.4          | 531.6          | 561.5          | .              | .              | .              | .              | .                    | 482.5                           | .                             | .                   |
| Sweden                  | 3727   | 3716    | 309.0          | 351.0          | 436.9          | 456.8          | 489.7          | .              | .              | .              | .              | 425.6                | 349.1                           | .                             | 591.7               |
| United States           | 2932   | 2918    | 124.4          | 311.1          | 383.2          | 439.0          | 440.7          | 357.1          | .              | .              | .              | .                    | 459.3                           | .                             | 289.8               |
| International Avg (n=9) | 24380  | 24278   | 283.0          | 363.4          | 399.2          | 435.0          | 458.0          | 446.5          | 502.0          | .              | .              | 436.8                | 407.8                           | .                             | 381.8               |

Question: How often do you speak <language of test> at home  
Location: SQG-03 (PSBG03)

| Country                 | Sample | Valid N | 1.Always<br>% | 2.Almost<br>always<br>% | 3.Sometimes<br>% | 4.Never<br>% | Not<br>Administered<br>% | Not<br>Applicable<br>% | Omitted<br>% | 1.Always<br>Mean | 2.Almost<br>always<br>Mean | 3.Sometimes<br>Mean | 4.Never<br>Mean | Not<br>Administered<br>Mean | Not<br>Applicable<br>Mean | Omitted<br>Mean |
|-------------------------|--------|---------|---------------|-------------------------|------------------|--------------|--------------------------|------------------------|--------------|------------------|----------------------------|---------------------|-----------------|-----------------------------|---------------------------|-----------------|
| France                  | 3958   | 3945    | 89.3          | 8.3                     | 1.9              | 0.5          | 0.7                      | 0.0                    | 0.0          | 376.3            | 353.6                      | 346.5               | 324.7           | 302.1                       | .                         | 298.4           |
| Italy                   | 3424   | 3387    | 75.8          | 17.9                    | 5.2              | 1.1          | 0.4                      | 0.0                    | 0.7          | 387.6            | 342.6                      | 295.2               | 333.7           | 315.7                       | .                         | 376.3           |
| Lebanon                 | 1156   | 1155    | 4.7           | 15.7                    | 62.5             | 17.1         | 0.0                      | 0.0                    | 0.1          | 386.5            | 421.0                      | 413.3               | 396.3           | .                           | .                         | 200.8           |
| Norway                  | 2472   | 2455    | 85.9          | 8.3                     | 4.3              | 1.5          | 0.5                      | 0.0                    | 0.2          | 511.9            | 495.4                      | 453.0               | 465.4           | 480.7                       | .                         | 532.1           |
| Portugal                | 1783   | 1772    | 90.1          | 7.8                     | 1.6              | 0.6          | 0.6                      | 0.0                    | 0.0          | 466.7            | 468.8                      | 478.2               | 432.9           | 432.4                       | .                         | .               |
| Russian Federation      | 3822   | 3810    | 83.3          | 12.4                    | 3.8              | 0.5          | 0.2                      | 0.0                    | 0.1          | 504.7            | 520.5                      | 522.7               | 545.1           | 440.8                       | .                         | 642.9           |
| Slovenia                | 1106   | 1093    | 89.2          | 8.1                     | 2.0              | 0.7          | 1.2                      | 0.0                    | 0.1          | 533.8            | 516.6                      | 509.2               | 501.9           | 482.5                       | .                         | 482.3           |
| Sweden                  | 3727   | 3711    | 76.0          | 13.7                    | 7.8              | 2.5          | 0.2                      | 0.0                    | 0.2          | 468.8            | 421.0                      | 398.1               | 394.6           | 349.1                       | .                         | 443.2           |
| United States           | 2932   | 2915    | 68.7          | 18.7                    | 9.6              | 3.0          | 0.7                      | 0.0                    | 0.1          | 447.4            | 413.5                      | 406.5               | 450.2           | 459.3                       | .                         | 413.5           |
| International Avg (n=9) | 24380  | 24243   | 73.7          | 12.3                    | 11.0             | 3.0          | 0.5                      | 0.0                    | 0.2          | 453.7            | 439.2                      | 424.8               | 427.2           | 407.8                       | .                         | 423.7           |

Question: About how many books are there in your home? (Do not count magazines, newspapers, or your school books.)  
Location: SQG-04 (PSBG04)

| Country                 | Sample | Valid N | 1.0-10<br>books<br>% | 2.11-2<br>5<br>books<br>% | 3.26-1<br>00<br>books<br>% | 4.101-<br>200<br>books<br>% | 5.More<br>than<br>200<br>books<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% |
|-------------------------|--------|---------|----------------------|---------------------------|----------------------------|-----------------------------|-------------------------------------|------------------------------|----------------------------|------------------|
| France                  | 3958   | 3942    | 7.1                  | 17.1                      | 30.6                       | 20.9                        | 24.3                                | 0.7                          | 0.0                        | 0.1              |
| Italy                   | 3424   | 3388    | 4.3                  | 13.4                      | 25.6                       | 20.0                        | 36.7                                | 0.4                          | 0.0                        | 0.7              |
| Lebanon                 | 1156   | 1149    | 25.4                 | 27.3                      | 29.1                       | 8.6                         | 9.6                                 | 0.1                          | 0.0                        | 0.5              |
| Norway                  | 2472   | 2447    | 3.8                  | 7.4                       | 21.5                       | 24.7                        | 42.6                                | 0.5                          | 0.0                        | 0.5              |
| Portugal                | 1783   | 1772    | 6.1                  | 15.6                      | 31.4                       | 16.6                        | 30.3                                | 0.6                          | 0.0                        | 0.0              |
| Russian Federation      | 3822   | 3809    | 2.5                  | 16.3                      | 36.9                       | 24.7                        | 19.7                                | 0.2                          | 0.0                        | 0.1              |
| Slovenia                | 1106   | 1093    | 3.9                  | 12.1                      | 33.4                       | 23.9                        | 26.7                                | 1.2                          | 0.0                        | 0.1              |
| Sweden                  | 3727   | 3707    | 7.3                  | 10.1                      | 22.5                       | 21.2                        | 38.9                                | 0.2                          | 0.0                        | 0.3              |
| United States           | 2932   | 2916    | 6.1                  | 11.9                      | 28.9                       | 24.0                        | 29.0                                | 0.7                          | 0.0                        | 0.1              |
| International Avg (n=9) | 24380  | 24223   | 7.4                  | 14.6                      | 28.9                       | 20.5                        | 28.6                                | 0.5                          | 0.0                        | 0.3              |



Question: About how many books are there in your home? (Do not count magazines, newspapers, or your school books.)  
Location: SQG-04 (PSBG04)

| Country                 | Sample | Valid N | 1.0-10<br>books<br>Mean | 2.11-2<br>5<br>books<br>Mean | 3.26-1<br>00<br>books<br>Mean | 4.101-<br>200<br>books<br>Mean | 5.More<br>than<br>200<br>books<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|-------------------------|------------------------------|-------------------------------|--------------------------------|--|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3942    | 320.3                   | 342.3                        | 367.3                         | 392.7                          | 402.3                                  | 302.1                           | .                             | 359.3               |
| Italy                   | 3424   | 3388    | 301.3                   | 330.5                        | 367.1                         | 387.3                          | 395.2                                  | 315.7                           | .                             | 437.9               |
| Lebanon                 | 1156   | 1149    | 384.6                   | 410.1                        | 424.3                         | 449.8                          | 403.7                                  | 345.8                           | .                             | 348.8               |
| Norway                  | 2472   | 2447    | 451.7                   | 463.7                        | 486.2                         | 508.7                          | 530.0                                  | 480.7                           | .                             | 497.3               |
| Portugal                | 1783   | 1772    | 418.9                   | 437.7                        | 460.3                         | 479.4                          | 491.4                                  | 432.4                           | .                             | .                   |
| Russian Federation      | 3822   | 3809    | 472.7                   | 487.8                        | 502.7                         | 522.7                          | 518.3                                  | 425.0                           | .                             | 642.9               |
| Slovenia                | 1106   | 1093    | 489.7                   | 499.0                        | 526.1                         | 538.8                          | 553.2                                  | 482.5                           | .                             | 482.3               |
| Sweden                  | 3727   | 3707    | 373.9                   | 392.9                        | 438.3                         | 460.8                          | 492.7                                  | 349.1                           | .                             | 425.4               |
| United States           | 2932   | 2916    | 365.5                   | 389.7                        | 420.9                         | 447.2                          | 479.6                                  | 459.3                           | .                             | 446.7               |
| International Avg (n=9) | 24380  | 24223   | 397.6                   | 417.1                        | 443.7                         | 465.3                          | 474.1                                  | 399.2                           | .                             | 455.1               |

Question: How many digital information devices are there in your home? Count computers, tablets, smartphones, smart TVs, and e-readers. (Do not count other devices.)

Location: SQG-05 (PSBG05)

| Country                 | Sample | Valid N | 1.None<br>% | 2.1-3<br>device<br>s<br>% | 3.4-6<br>device<br>s<br>% | 4.7-10<br>device<br>s<br>% | 5.More<br>than<br>10<br>device<br>s<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% |
|-------------------------|--------|---------|-------------|---------------------------|---------------------------|----------------------------|--|------------------------------|----------------------------|------------------|
| France                  | 3958   | 3944    | 0.1         | 3.6                       | 20.7                      | 40.1                       | 35.5                                     | 0.7                          | 0.0                        | 0.0              |
| Italy                   | 3424   | 3384    | 0.3         | 4.9                       | 26.7                      | 37.1                       | 30.9                                     | 0.4                          | 0.0                        | 0.6              |
| Lebanon                 | 1156   | 1154    | 0.3         | 18.4                      | 28.1                      | 26.3                       | 26.8                                     | 0.1                          | 0.0                        | 0.1              |
| Norway                  | 2472   | 2450    | 0.0         | 1.4                       | 9.5                       | 29.7                       | 59.4                                     | 0.5                          | 0.0                        | 0.4              |
| Portugal                | 1783   | 1772    | 0.0         | 4.6                       | 21.3                      | 32.0                       | 42.2                                     | 0.6                          | 0.0                        | 0.0              |
| Russian Federation      | 3822   | 3805    | 0.4         | 8.5                       | 34.1                      | 33.1                       | 23.8                                     | 0.2                          | 0.0                        | 0.2              |
| Slovenia                | 1106   | 1091    | 0.3         | 3.3                       | 22.9                      | 38.7                       | 34.8                                     | 1.2                          | 0.0                        | 0.2              |
| Sweden                  | 3727   | 3665    | 0.1         | 2.5                       | 13.8                      | 33.1                       | 50.5                                     | 0.2                          | 0.0                        | 1.4              |
| United States           | 2932   | 2913    | 0.1         | 4.0                       | 20.5                      | 37.3                       | 38.0                                     | 0.7                          | 0.0                        | 0.3              |
| International Avg (n=9) | 24380  | 24178   | 0.2         | 5.7                       | 22.0                      | 34.2                       | 38.0                                     | 0.5                          | 0.0                        | 0.4              |

Question: How many digital information devices are there in your home? Count computers, tablets, smartphones, smart TVs, and e-readers. (Do not count other devices.)

Location: SQG-05 (PSBG05)

| Country                 | Sample | Valid N | 1.None<br>Mean | 2.1-3<br>device<br>s<br>Mean | 3.4-6<br>device<br>s<br>Mean | 4.7-10<br>device<br>s<br>Mean | 5.More<br>than<br>10<br>device<br>s<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|----------------|------------------------------|------------------------------|-------------------------------|---|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3944    | 277.8          | 369.1                        | 374.0                        | 377.5                         | 369.5                                       | 302.1                           | .                             | 506.3               |
| Italy                   | 3424   | 3384    | 320.5          | 349.2                        | 372.1                        | 383.0                         | 369.9                                       | 313.4                           | .                             | 377.1               |
| Lebanon                 | 1156   | 1154    | 339.4          | 385.2                        | 402.4                        | 425.5                         | 421.3                                       | 448.1                           | .                             | 322.7               |
| Norway                  | 2472   | 2450    | .              | 470.6                        | 494.5                        | 498.0                         | 515.3                                       | 480.7                           | .                             | 467.8               |
| Portugal                | 1783   | 1772    | .              | 453.2                        | 474.0                        | 466.8                         | 464.7                                       | 432.4                           | .                             | .                   |
| Russian Federation      | 3822   | 3805    | 509.4          | 504.6                        | 503.3                        | 513.3                         | 506.5                                       | 440.8                           | .                             | 568.9               |
| Slovenia                | 1106   | 1091    | 399.4          | 535.8                        | 532.0                        | 532.6                         | 530.7                                       | 482.5                           | .                             | 583.1               |
| Sweden                  | 3727   | 3665    | 269.3          | 408.6                        | 432.7                        | 456.1                         | 462.9                                       | 349.1                           | .                             | 445.3               |
| United States           | 2932   | 2913    | 266.7          | 417.0                        | 433.2                        | 438.8                         | 441.0                                       | 459.3                           | .                             | 380.5               |
| International Avg (n=9) | 24380  | 24178   | 340.4          | 432.6                        | 446.5                        | 454.6                         | 453.5                                       | 412.0                           | .                             | 456.4               |

Question: Do you have any of these things. Your own computer  
Location: SQG-06a (PSBG06A)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3946    | 83.3       | 16.7      | 0.7                          | 0.0                        | 0.0              | 372.5         | 378.8        | 302.1                           | .                             | .                   |
| Italy                   | 3424   | 3383    | 67.0       | 33.0      | 0.4                          | 0.0                        | 0.7              | 371.9         | 378.6        | 313.4                           | .                             | 385.3               |
| Lebanon                 | 1156   | 1149    | 72.4       | 27.6      | 0.0                          | 0.0                        | 0.5              | 411.5         | 407.3        | .                               | .                             | 372.9               |
| Norway                  | 2472   | 2446    | 98.8       | 1.2       | 0.5                          | 0.0                        | 0.6              | 507.7         | 485.3        | 480.7                           | .                             | 508.5               |
| Portugal                | 1783   | 1770    | 90.5       | 9.5       | 0.6                          | 0.0                        | 0.1              | 466.0         | 474.8        | 432.4                           | .                             | 418.6               |
| Russian Federation      | 3822   | 3802    | 84.5       | 15.5      | 0.2                          | 0.0                        | 0.3              | 507.0         | 510.9        | 440.8                           | .                             | 530.1               |
| Slovenia                | 1106   | 1091    | 82.2       | 17.8      | 1.2                          | 0.0                        | 0.2              | 531.4         | 531.9        | 482.5                           | .                             | 583.1               |
| Sweden                  | 3727   | 3712    | 96.6       | 3.4       | 0.2                          | 0.0                        | 0.1              | 455.2         | 445.3        | 349.1                           | .                             | 427.6               |
| United States           | 2932   | 2917    | 84.1       | 15.9      | 0.7                          | 0.0                        | 0.1              | 441.0         | 417.4        | 459.3                           | .                             | 405.4               |
| International Avg (n=9) | 24380  | 24216   | 84.4       | 15.6      | 0.5                          | 0.0                        | 0.3              | 451.6         | 447.8        | 407.5                           | .                             | 453.9               |

Question: Do you have any of these things. Your own tablet  
Location: SQG-06b (PSBG06B)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3944    | 25.1       | 74.9      | 0.7                          | 0.0                        | 0.0              | 356.9         | 379.1        | 302.1                           | .                             | 358.3               |
| Italy                   | 3424   | 3381    | 24.0       | 76.0      | 0.4                          | 0.0                        | 0.8              | 355.7         | 380.0        | 313.4                           | .                             | 375.9               |
| Lebanon                 | 1156   | 1128    | 42.1       | 57.9      | 0.0                          | 0.0                        | 2.3              | 405.9         | 414.1        | .                               | .                             | 388.5               |
| Norway                  | 2472   | 2445    | 32.5       | 67.5      | 0.5                          | 0.0                        | 0.6              | 503.9         | 509.1        | 480.7                           | .                             | 506.5               |
| Portugal                | 1783   | 1765    | 32.3       | 67.7      | 0.6                          | 0.0                        | 0.8              | 457.3         | 471.5        | 432.4                           | .                             | 449.7               |
| Russian Federation      | 3822   | 3772    | 46.5       | 53.5      | 0.2                          | 0.0                        | 1.1              | 507.7         | 506.9        | 440.8                           | .                             | 540.7               |
| Slovenia                | 1106   | 1091    | 22.9       | 77.1      | 1.2                          | 0.0                        | 0.2              | 520.0         | 534.9        | 482.5                           | .                             | 583.1               |
| Sweden                  | 3727   | 3671    | 28.9       | 71.1      | 0.2                          | 0.0                        | 1.0              | 434.8         | 463.3        | 349.1                           | .                             | 434.7               |
| United States           | 2932   | 2915    | 36.2       | 63.8      | 0.7                          | 0.0                        | 0.1              | 430.0         | 441.3        | 459.3                           | .                             | 412.7               |
| International Avg (n=9) | 24380  | 24112   | 32.3       | 67.7      | 0.5                          | 0.0                        | 0.8              | 441.4         | 455.6        | 407.5                           | .                             | 450.0               |

Question: Do you have any of these things. Your own smartphone  
Location: SQG-06c (PSBG06C)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3935    | 95.3       | 4.7       | 0.7                          | 0.0                        | 0.3              | 371.9         | 408.6        | 302.1                           | .                             | 331.2               |
| Italy                   | 3424   | 3384    | 97.4       | 2.6       | 0.4                          | 0.0                        | 0.8              | 373.8         | 385.7        | 313.4                           | .                             | 387.6               |
| Lebanon                 | 1156   | 1138    | 91.6       | 8.4       | 0.0                          | 0.0                        | 1.3              | 410.7         | 408.7        | .                               | .                             | 380.2               |
| Norway                  | 2472   | 2452    | 98.4       | 1.6       | 0.5                          | 0.0                        | 0.3              | 506.6         | 555.3        | 480.7                           | .                             | 506.7               |
| Portugal                | 1783   | 1767    | 88.2       | 11.8      | 0.6                          | 0.0                        | 0.3              | 464.5         | 483.5        | 432.4                           | .                             | 500.6               |
| Russian Federation      | 3822   | 3798    | 89.6       | 10.4      | 0.2                          | 0.0                        | 0.3              | 506.6         | 515.1        | 440.8                           | .                             | 557.2               |
| Slovenia                | 1106   | 1089    | 95.0       | 5.0       | 1.2                          | 0.0                        | 0.4              | 529.9         | 564.7        | 482.5                           | .                             | 542.8               |
| Sweden                  | 3727   | 3712    | 98.6       | 1.4       | 0.2                          | 0.0                        | 0.1              | 455.0         | 445.8        | 349.1                           | .                             | 403.0               |
| United States           | 2932   | 2916    | 93.5       | 6.5       | 0.7                          | 0.0                        | 0.1              | 435.3         | 464.6        | 459.3                           | .                             | 401.8               |
| International Avg (n=9) | 24380  | 24191   | 94.2       | 5.8       | 0.5                          | 0.0                        | 0.4              | 450.5         | 470.2        | 407.5                           | .                             | 445.7               |

Question: Do you have any of these things. Your own graphing calculator  
Location: SQG-06d (PSBG06D)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3933    | 98.7       | 1.3       | 0.7                          | 0.0                        | 0.4              | 374.3         | 334.2        | 302.1                           | .                             | 325.5               |
| Italy                   | 3424   | 3358    | 28.2       | 71.8      | 0.4                          | 0.0                        | 1.5              | 336.1         | 389.3        | 313.4                           | .                             | 369.3               |
| Lebanon                 | 1156   | 1134    | 48.3       | 51.7      | 0.0                          | 0.0                        | 1.8              | 399.3         | 420.8        | .                               | .                             | 398.3               |
| Norway                  | 2472   | 2448    | 69.9       | 30.1      | 0.5                          | 0.0                        | 0.5              | 504.7         | 513.4        | 480.7                           | .                             | 514.6               |
| Portugal                | 1783   | 1768    | 97.1       | 2.9       | 0.6                          | 0.0                        | 0.2              | 467.8         | 434.2        | 432.4                           | .                             | 457.8               |
| Russian Federation      | 3822   | 3754    | 30.8       | 69.2      | 0.2                          | 0.0                        | 1.5              | 492.7         | 514.2        | 440.8                           | .                             | 511.9               |
| Slovenia                | 1106   | 1089    | 20.7       | 79.3      | 1.2                          | 0.0                        | 0.4              | 486.9         | 543.3        | 482.5                           | .                             | 536.0               |
| Sweden                  | 3727   | 3703    | 84.2       | 15.8      | 0.2                          | 0.0                        | 0.3              | 458.5         | 435.7        | 349.1                           | .                             | 449.5               |
| United States           | 2932   | 2914    | 83.0       | 17.0      | 0.7                          | 0.0                        | 0.1              | 452.0         | 365.2        | 459.3                           | .                             | 410.6               |
| International Avg (n=9) | 24380  | 24101   | 62.3       | 37.7      | 0.5                          | 0.0                        | 0.7              | 441.4         | 438.9        | 407.5                           | .                             | 441.5               |

Question: Do you have any of these things. A gaming system (e.g., PlayStation®, Wii®, Xbox®)  
Location: SQG-06e (PSBG06E)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3945    | 76.9       | 23.1      | 0.7                          | 0.0                        | 0.0              | 371.8         | 379.5        | 302.1                           | .                             | 317.7               |
| Italy                   | 3424   | 3368    | 70.1       | 29.9      | 0.4                          | 0.0                        | 1.3              | 377.9         | 366.6        | 321.1                           | .                             | 344.5               |
| Lebanon                 | 1156   | 1138    | 52.2       | 47.8      | 0.0                          | 0.0                        | 1.2              | 415.4         | 405.7        | 325.1                           | .                             | 362.5               |
| Norway                  | 2472   | 2453    | 79.8       | 20.2      | 0.5                          | 0.0                        | 0.3              | 507.0         | 509.2        | 480.7                           | .                             | 499.0               |
| Portugal                | 1783   | 1772    | 74.9       | 25.1      | 0.6                          | 0.0                        | 0.0              | 468.1         | 462.8        | 432.4                           | .                             | .                   |
| Russian Federation      | 3822   | 3755    | 19.1       | 80.9      | 0.2                          | 0.0                        | 1.4              | 497.6         | 509.6        | 440.8                           | .                             | 532.8               |
| Slovenia                | 1106   | 1091    | 34.5       | 65.5      | 1.2                          | 0.0                        | 0.2              | 529.8         | 532.4        | 482.5                           | .                             | 583.1               |
| Sweden                  | 3727   | 3711    | 74.7       | 25.3      | 0.2                          | 0.0                        | 0.1              | 455.0         | 455.0        | 349.1                           | .                             | 358.0               |
| United States           | 2932   | 2916    | 78.2       | 21.8      | 0.7                          | 0.0                        | 0.3              | 440.2         | 426.4        | 459.3                           | .                             | 422.5               |
| International Avg (n=9) | 24380  | 24149   | 62.3       | 37.7      | 0.5                          | 0.0                        | 0.5              | 451.4         | 449.7        | 399.2                           | .                             | 427.5               |



Question: Do you have any of these things. Study desk/table for your use  
Location: SQG-06f (PSBG06F)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3945    | 98.4       | 1.6       | 0.7                          | 0.0                        | 0.0              | 374.2         | 336.2        | 302.1                           | .                             | 317.7               |
| Italy                   | 3424   | 3386    | 90.2       | 9.8       | 0.4                          | 0.0                        | 0.8              | 372.8         | 391.2        | 313.4                           | .                             | 322.1               |
| Lebanon                 | 1156   | 1137    | 80.7       | 19.3      | 0.0                          | 0.0                        | 1.4              | 415.0         | 395.1        | .                               | .                             | 340.4               |
| Norway                  | 2472   | 2449    | 97.5       | 2.5       | 0.5                          | 0.0                        | 0.4              | 508.1         | 485.4        | 480.7                           | .                             | 484.1               |
| Portugal                | 1783   | 1771    | 98.0       | 2.0       | 0.6                          | 0.0                        | 0.0              | 467.3         | 435.9        | 432.4                           | .                             | 736.7               |
| Russian Federation      | 3822   | 3803    | 96.5       | 3.5       | 0.2                          | 0.0                        | 0.3              | 507.7         | 502.0        | 440.8                           | .                             | 583.2               |
| Slovenia                | 1106   | 1091    | 98.8       | 1.2       | 1.2                          | 0.0                        | 0.2              | 531.9         | 497.4        | 482.5                           | .                             | 583.1               |
| Sweden                  | 3727   | 3717    | 96.5       | 3.5       | 0.2                          | 0.0                        | 0.0              | 456.2         | 417.7        | 349.1                           | .                             | .                   |
| United States           | 2932   | 2917    | 84.9       | 15.1      | 0.7                          | 0.0                        | 0.1              | 441.8         | 411.4        | 459.3                           | .                             | 405.4               |
| International Avg (n=9) | 24380  | 24216   | 93.5       | 6.5       | 0.5                          | 0.0                        | 0.4              | 452.8         | 430.3        | 407.5                           | .                             | 471.6               |

Question: Do you have any of these things. Your own room  
Location: SQG-06g (PSBG06G)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3945    | 95.7       | 4.3       | 0.7                          | 0.0                        | 0.0              | 375.1         | 340.0        | 302.1                           | .                             | 317.7               |
| Italy                   | 3424   | 3364    | 66.2       | 33.8      | 0.4                          | 0.0                        | 1.3              | 373.5         | 375.2        | 313.4                           | .                             | 386.9               |
| Lebanon                 | 1156   | 1142    | 58.9       | 41.1      | 0.1                          | 0.0                        | 1.0              | 404.0         | 420.7        | 319.1                           | .                             | 348.2               |
| Norway                  | 2472   | 2448    | 98.6       | 1.4       | 0.5                          | 0.0                        | 0.5              | 507.9         | 484.3        | 480.7                           | .                             | 469.6               |
| Portugal                | 1783   | 1772    | 91.5       | 8.5       | 0.6                          | 0.0                        | 0.0              | 466.8         | 466.9        | 432.4                           | .                             | .                   |
| Russian Federation      | 3822   | 3806    | 78.7       | 21.3      | 0.2                          | 0.0                        | 0.2              | 506.1         | 512.8        | 440.8                           | .                             | 577.1               |
| Slovenia                | 1106   | 1090    | 92.0       | 8.0       | 1.4                          | 0.0                        | 0.2              | 530.7         | 545.9        | 463.1                           | .                             | 583.1               |
| Sweden                  | 3727   | 3712    | 95.7       | 4.3       | 0.2                          | 0.0                        | 0.1              | 457.6         | 392.4        | 349.1                           | .                             | 512.5               |
| United States           | 2932   | 2917    | 88.3       | 11.7      | 0.7                          | 0.0                        | 0.1              | 441.1         | 408.2        | 459.3                           | .                             | 405.4               |
| International Avg (n=9) | 24380  | 24196   | 85.1       | 14.9      | 0.5                          | 0.0                        | 0.4              | 451.4         | 438.5        | 395.5                           | .                             | 450.1               |

Question: Do you have any of these things. <country-specific indicator of wealth>  
Location: SQG-06h (PSBG06H)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | .       | .          | .         | .                            | .                          | .                | .             | .            | .                               | .                             | .                   |
| Italy                   | 3424   | 3333    | 42.4       | 57.6      | 0.4                          | 0.0                        | 2.3              | 377.7         | 371.1        | 313.4                           | .                             | 387.1               |
| Lebanon                 | 1156   | 1143    | 90.5       | 9.5       | 0.0                          | 0.0                        | 1.0              | 412.2         | 396.2        | .                               | .                             | 359.1               |
| Norway                  | 2472   | 2451    | 99.8       | 0.2       | 0.5                          | 0.0                        | 0.4              | 507.4         | 503.9        | 480.7                           | .                             | 508.8               |
| Portugal                | 1783   | 1762    | 42.7       | 57.3      | 0.6                          | 0.0                        | 0.7              | 462.0         | 470.4        | 432.4                           | .                             | 468.4               |
| Russian Federation      | 3822   | 3787    | 46.0       | 54.0      | 0.2                          | 0.0                        | 0.7              | 514.5         | 501.4        | 440.8                           | .                             | 542.8               |
| Slovenia                | 1106   | 1090    | 83.0       | 17.0      | 1.2                          | 0.0                        | 0.3              | 531.6         | 531.1        | 482.5                           | .                             | 568.1               |
| Sweden                  | 3727   | 3670    | 38.3       | 61.7      | 0.2                          | 0.0                        | 1.3              | 476.4         | 441.5        | 349.1                           | .                             | 457.9               |
| United States           | 2932   | 2916    | 48.6       | 51.4      | 0.7                          | 0.0                        | 0.1              | 436.4         | 437.9        | 459.3                           | .                             | 408.3               |
| International Avg (n=8) | 24380  | 20152   | 61.4       | 38.6      | 0.5                          | 0.0                        | 0.8              | 464.8         | 456.7        | 422.6                           | .                             | 462.6               |

Question: Do you have any of these things. <country-specific indicator of wealth>  
Location: SQG-06i (PSBG06I)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | .       | .          | .         | .                            | .                          | .                | .             | .            | .                               | .                             | .                   |
| Italy                   | 3424   | 3377    | 55.5       | 44.5      | 0.4                          | 0.0                        | 0.9              | 366.1         | 384.2        | 313.4                           | .                             | 377.2               |
| Lebanon                 | 1156   | 1140    | 72.9       | 27.1      | 0.0                          | 0.0                        | 1.1              | 412.8         | 405.2        | .                               | .                             | 358.1               |
| Norway                  | 2472   | 2442    | 66.1       | 33.9      | 0.5                          | 0.0                        | 0.7              | 514.1         | 494.5        | 480.7                           | .                             | 496.6               |
| Portugal                | 1783   | 1770    | 86.5       | 13.5      | 0.6                          | 0.0                        | 0.1              | 466.7         | 466.9        | 432.4                           | .                             | 532.7               |
| Russian Federation      | 3822   | 3794    | 62.5       | 37.5      | 0.2                          | 0.0                        | 0.4              | 512.3         | 499.9        | 440.8                           | .                             | 503.6               |
| Slovenia                | 1106   | 1091    | 75.2       | 24.8      | 1.2                          | 0.0                        | 0.2              | 539.5         | 507.4        | 482.5                           | .                             | 583.1               |
| Sweden                  | 3727   | .       | .          | .         | .                            | .                          | .                | .             | .            | .                               | .                             | .                   |
| United States           | 2932   | .       | .          | .         | .                            | .                          | .                | .             | .            | .                               | .                             | .                   |
| International Avg (n=6) | 24380  | 13614   | 69.8       | 30.2      | 0.5                          | 0.0                        | 0.6              | 468.6         | 459.7        | 429.9                           | .                             | 475.2               |

Question: Do you have any of these things. <country-specific indicator of wealth>  
Location: SQG-06j (PSBG06J)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | .       | .          | .         | .                            | .                          | .                | .             | .            | .                               | .                             | .                   |
| Italy                   | 3424   | 3348    | 17.9       | 82.1      | 0.4                          | 0.0                        | 1.7              | 361.1         | 377.1        | 313.4                           | .                             | 373.3               |
| Lebanon                 | 1156   | 1137    | 14.0       | 86.0      | 0.0                          | 0.0                        | 1.4              | 403.4         | 411.6        | .                               | .                             | 388.2               |
| Norway                  | 2472   | 2449    | 66.1       | 33.9      | 0.5                          | 0.0                        | 0.5              | 514.5         | 493.5        | 480.7                           | .                             | 505.9               |
| Portugal                | 1783   | 1768    | 25.6       | 74.4      | 0.6                          | 0.0                        | 0.3              | 467.3         | 466.7        | 432.4                           | .                             | 456.4               |
| Russian Federation      | 3822   | 3790    | 45.4       | 54.6      | 0.2                          | 0.0                        | 0.6              | 502.1         | 511.5        | 440.8                           | .                             | 573.5               |
| Slovenia                | 1106   | 1089    | 76.9       | 23.1      | 1.2                          | 0.0                        | 0.4              | 534.7         | 521.0        | 482.5                           | .                             | 557.6               |
| Sweden                  | 3727   | .       | .          | .         | .                            | .                          | .                | .             | .            | .                               | .                             | .                   |
| United States           | 2932   | .       | .          | .         | .                            | .                          | .                | .             | .            | .                               | .                             | .                   |
| International Avg (n=6) | 24380  | 13581   | 41.0       | 59.0      | 0.5                          | 0.0                        | 0.8              | 463.9         | 463.6        | 429.9                           | .                             | 475.8               |

Question: What is the highest level of education completed by your mother (or stepmother or female guardian)  
Location: SQG-07A (PSBG07A)

| Country                 | Sample | Valid N | 1.No<br>lower<br>second<br>ary<br>% | 2.Lowe<br>r<br>second<br>ary<br>% | 3.Uppe<br>r<br>second<br>ary<br>% | 4.Post<br>-secon<br>dary,<br>non-te<br>rtiary<br>% | 5.Shor<br>t-cycl<br>e<br>tertia<br>ry<br>% | 6.Bach<br>elor's<br>or<br>equiva<br>lent<br>% | 7.Mast<br>er's<br>or<br>equiva<br>lent<br>% | 8.Doct<br>or or<br>equiva<br>lent<br>% | 9.Don'<br>t know<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% |
|-------------------------|--------|---------|-------------------------------------|-----------------------------------|-----------------------------------|--|--|---|---|--|-----------------------|------------------------------|----------------------------|------------------|
| France                  | 3958   | 3936    | 1.8                                 | 9.5                               | 18.9                              | 3.5  | 22.1                                       | 11.7  | 18.1  | 6.0                                    | 8.4                   | 0.7                          | 0.0                        | 0.2              |
| Italy                   | 3424   | 3355    | 1.9                                 | 16.9                              | 41.0                              | 8.7  | 7.8  | 13.8  | 3.3   | 4.0                                    | 2.7                   | 0.4                          | 0.0                        | 1.6              |
| Lebanon                 | 1156   | 1144    | 11.6                                | 11.0                              | 8.4                               | 4.8  | 18.8                                       | 24.9  | 10.0  | 3.3                                    | 7.2                   | 0.4                          | 0.0                        | 0.5              |
| Norway                  | 2472   | 2441    | 0.6                                 | 2.7                               | 8.8                               | 9.2  | 8.4  | 30.8  | 24.7  | 4.1                                    | 10.6                  | 0.5                          | 0.0                        | 0.8              |
| Portugal                | 1783   | 1770    | 12.0                                | 17.4                              | 24.9                              | 2.4  | 3.6  | 25.1  | 9.0   | 3.1                                    | 2.5                   | 0.6                          | 0.0                        | 0.1              |
| Russian Federation      | 3822   | 3780    | 0.1                                 | 2.4                               | 3.5                               | 21.1   | 6.2  | 30.4  | 29.0  | 1.6                                    | 5.7                   | 0.2                          | 0.0                        | 1.0              |
| Slovenia                | 1106   | 1086    | 0.4                                 | 2.8                               | 23.6                              | 7.7  | 15.4                                       | 11.6  | 30.0  | 3.6                                    | 4.9                   | 1.2                          | 0.0                        | 0.7              |
| Sweden                  | 3727   | 3687    | 1.7                                 | 3.1                               | 14.8                              | 10.0   | 10.9                                       | 22.2  | 21.7  | 4.8                                    | 10.7                  | 0.2                          | 0.0                        | 0.7              |
| United States           | 2932   | 2911    | 4.5                                 | 3.8                               | 19.0                              | 0.0  | 11.5                                       | 34.5  | 18.8  | 4.7                                    | 3.1                   | 0.7                          | 0.0                        | 0.3              |
| International Avg (n=9) | 24380  | 24110   | 3.9                                 | 7.7                               | 18.1                              | 7.5  | 11.6                                       | 22.8  | 18.3  | 3.9                                    | 6.2                   | 0.5                          | 0.0                        | 0.7              |

Question: What is the highest level of education completed by your mother (or stepmother or female guardian)  
Location: SQG-07A (PSBG07A)

| Country                 | Sample | Valid N | 1.No<br>lower<br>second<br>ary<br>Mean | 2.Lowe<br>r<br>second<br>ary<br>Mean | 3.Uppe<br>r<br>second<br>ary<br>Mean | 4.Post<br>-secon<br>dary,<br>non-te<br>rtiary<br>Mean | 5.Shor<br>t-cycl<br>e<br>tertia<br>ry<br>Mean | 6.Bach<br>elor's<br>or<br>equiva<br>lent<br>Mean | 7.Mast<br>er's<br>or<br>equiva<br>lent<br>Mean | 8.Doct<br>or or<br>equiva<br>lent<br>Mean | 9.Don'<br>t know<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|--|--------------------------------------|--------------------------------------|---|---|--|--|---|--------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3936    | 329.3                                  | 342.4                                | 353.7                                | 348.8   | 372.6   | 382.2  | 404.6  | 410.8                                     | 372.3                    | 302.1                           | .                             | 301.6               |
| Italy                   | 3424   | 3355    | 343.3                                  | 355.6                                | 378.8                                | 364.9   | 385.6   | 400.7  | 366.7  | 356.8                                     | 348.1                    | 321.1                           | .                             | 355.1               |
| Lebanon                 | 1156   | 1144    | 389.6                                  | 400.4                                | 417.8                                | 372.8   | 406.4   | 429.5  | 431.8  | 425.6                                     | 389.8                    | 402.5                           | .                             | 269.2               |
| Norway                  | 2472   | 2441    | 428.0                                  | 457.3                                | 480.1                                | 501.5   | 504.2   | 512.6  | 529.0  | 539.8                                     | 478.1                    | 480.7                           | .                             | 493.2               |
| Portugal                | 1783   | 1770    | 437.2                                  | 440.8                                | 465.3                                | 467.3   | 467.5   | 492.6  | 489.7  | 489.1                                     | 434.9                    | 432.4                           | .                             | 435.4               |
| Russian Federation      | 3822   | 3780    | 443.7                                  | 455.0                                | 469.0                                | 496.5   | 488.3   | 511.1  | 525.6  | 536.7                                     | 502.5                    | 440.8                           | .                             | 487.5               |
| Slovenia                | 1106   | 1086    | 342.7                                  | 503.8                                | 516.7                                | 506.1   | 533.5   | 525.2  | 554.4  | 557.4                                     | 531.3                    | 482.5                           | .                             | 500.4               |
| Sweden                  | 3727   | 3687    | 359.5                                  | 410.5                                | 432.6                                | 455.9   | 457.2   | 463.0  | 482.4  | 507.0                                     | 417.8                    | 349.1                           | .                             | 405.5               |
| United States           | 2932   | 2911    | 374.2                                  | 381.7                                | 404.1                                | .   | 414.9   | 445.3  | 487.5  | 494.2                                     | 402.7                    | 451.0                           | .                             | 425.0               |
| International Avg (n=9) | 24380  | 24110   | 383.0                                  | 416.4                                | 435.4                                | 439.2   | 447.8   | 462.5  | 474.6  | 479.7                                     | 430.8                    | 406.9                           | .                             | 408.1               |

Question: What is the highest level of education completed by your father (or stepfather or male guardian)  
Location: SQG-07B (PSBG07B)

| Country                 | Sample | Valid N | 1.No<br>lower<br>second<br>ary<br>% | 2.Lowe<br>r<br>second<br>ary<br>% | 3.Uppe<br>r<br>second<br>ary<br>% | 4.Post<br>-secon<br>dary,<br>non-te<br>rtiary<br>% | 5.Shor<br>t-cycl<br>e<br>tertia<br>ry<br>% | 6.Bach<br>elor's<br>or<br>equiva<br>lent<br>% | 7.Mast<br>er's<br>or<br>equiva<br>lent<br>% | 8.Doct<br>or or<br>equiva<br>lent<br>% | 9.Don'<br>t know<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% |
|-------------------------|--------|---------|-------------------------------------|-----------------------------------|-----------------------------------|--|--|---|---|--|-----------------------|------------------------------|----------------------------|------------------|
| France                  | 3958   | 3930    | 2.5                                 | 14.2                              | 16.4                              | 1.7  | 16.1                                       | 7.8   | 20.3  | 8.7                                    | 12.3                  | 0.7                          | 0.0                        | 0.4              |
| Italy                   | 3424   | 3359    | 2.2                                 | 18.9                              | 40.4                              | 7.7  | 6.1  | 13.4  | 3.1   | 5.2                                    | 3.0                   | 0.4                          | 0.0                        | 1.5              |
| Lebanon                 | 1156   | 1148    | 15.7                                | 11.0                              | 7.6                               | 3.6  | 14.7                                       | 19.7  | 14.0  | 6.1                                    | 7.6                   | 0.0                          | 0.0                        | 0.7              |
| Norway                  | 2472   | 2433    | 0.2                                 | 3.5                               | 10.6                              | 9.5  | 6.6  | 21.7  | 31.3  | 6.3                                    | 10.5                  | 0.5                          | 0.0                        | 1.1              |
| Portugal                | 1783   | 1770    | 16.3                                | 19.8                              | 25.5                              | 3.4  | 3.1  | 17.0  | 6.9   | 3.9                                    | 3.9                   | 0.6                          | 0.0                        | 0.1              |
| Russian Federation      | 3822   | 3772    | 0.2                                 | 2.9                               | 5.0                               | 25.0   | 7.2  | 24.7  | 21.4  | 1.8                                    | 11.8                  | 0.2                          | 0.0                        | 1.2              |
| Slovenia                | 1106   | 1088    | 0.4                                 | 3.0                               | 31.7                              | 8.5  | 13.9                                       | 8.1   | 23.1  | 5.4                                    | 5.8                   | 1.2                          | 0.0                        | 0.6              |
| Sweden                  | 3727   | 3685    | 1.6                                 | 4.5                               | 20.5                              | 9.4  | 7.9  | 12.8  | 24.6  | 6.1                                    | 12.6                  | 0.2                          | 0.0                        | 0.8              |
| United States           | 2932   | 2909    | 3.7                                 | 3.5                               | 21.3                              | 0.0  | 8.1  | 28.6  | 23.8  | 6.3                                    | 4.8                   | 0.7                          | 0.0                        | 0.3              |
| International Avg (n=9) | 24380  | 24094   | 4.8                                 | 9.0                               | 19.9                              | 7.6  | 9.3  | 17.1  | 18.7  | 5.5                                    | 8.0                   | 0.5                          | 0.0                        | 0.7              |



Question: What is the highest level of education completed by your father (or stepfather or male guardian)  
Location: SQG-07B (PSBG07B)

| Country                 | Sample | Valid N | 1.No<br>lower<br>second<br>ary<br>Mean | 2.Lowe<br>r<br>second<br>ary<br>Mean | 3.Uppe<br>r<br>second<br>ary<br>Mean | 4.Post<br>-secon<br>dary,<br>non-te<br>rtiary<br>Mean | 5.Shor<br>t-cycl<br>e<br>tertia<br>ry<br>Mean | 6.Bach<br>elor's<br>or<br>equiva<br>lent<br>Mean | 7.Mast<br>er's<br>or<br>equiva<br>lent<br>Mean | 8.Doct<br>or or<br>equiva<br>lent<br>Mean | 9.Don'<br>t know<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|--|--------------------------------------|--------------------------------------|---|---|--|--|---|--------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3930    | 354.6                                  | 347.2                                | 350.3                                | 348.9   | 371.3   | 376.3  | 407.9  | 402.1                                     | 368.3                    | 302.1                           | .                             | 311.8               |
| Italy                   | 3424   | 3359    | 334.5                                  | 368.9                                | 376.5                                | 357.5   | 387.9   | 397.7  | 378.4  | 361.1                                     | 352.2                    | 321.1                           | .                             | 336.5               |
| Lebanon                 | 1156   | 1148    | 388.2                                  | 398.8                                | 393.9                                | 391.7   | 411.6   | 429.3  | 428.9  | 422.8                                     | 406.1                    | .                               | .                             | 345.7               |
| Norway                  | 2472   | 2433    | 434.2                                  | 484.0                                | 501.2                                | 489.3   | 497.6   | 511.3  | 523.7  | 535.0                                     | 477.1                    | 480.7                           | .                             | 458.4               |
| Portugal                | 1783   | 1770    | 440.6                                  | 448.0                                | 466.5                                | 462.6   | 482.4   | 501.1  | 494.5  | 489.1                                     | 444.0                    | 432.4                           | .                             | 482.6               |
| Russian Federation      | 3822   | 3772    | 457.3                                  | 470.7                                | 491.8                                | 497.8   | 513.5   | 511.1  | 528.3  | 545.7                                     | 494.5                    | 440.8                           | .                             | 475.0               |
| Slovenia                | 1106   | 1088    | 317.5                                  | 501.0                                | 534.4                                | 513.3   | 521.4   | 514.5  | 547.1  | 572.6                                     | 531.0                    | 482.5                           | .                             | 474.1               |
| Sweden                  | 3727   | 3685    | 400.1                                  | 404.5                                | 440.8                                | 444.4   | 455.1   | 463.0  | 492.0  | 491.4                                     | 415.4                    | 349.1                           | .                             | 397.0               |
| United States           | 2932   | 2909    | 363.2                                  | 384.4                                | 408.0                                | .   | 410.5   | 437.7  | 476.8  | 527.5                                     | 391.8                    | 451.0                           | .                             | 408.7               |
| International Avg (n=9) | 24380  | 24094   | 387.8                                  | 423.1                                | 440.4                                | 438.2   | 450.2   | 460.2  | 475.3  | 483.0                                     | 431.2                    | 407.4                           | .                             | 410.0               |

Question: What kind of work do your father (or stepfather or male guardian) and mother (or stepmother or female guardian) do for their main jobs. Father  
Location: SQG-08a (PSBG08A)

| Country                 | Sample | Valid N | 1.Never<br>worked<br>for<br>pay<br>% | 2.Small<br>Busine<br>ss<br>% | 3.Cler<br>k<br>% | 4.Serv<br>ice<br>or<br>Sales<br>% | 5.Skill<br>d<br>Agric<br>or<br>Fisher<br>y<br>% | 6.Craf<br>t or<br>Trade<br>% | 7.Plan<br>t or<br>Machin<br>e<br>Operat<br>or<br>% | 8.Labo<br>rer<br>% | 9.Corp<br>Manage<br>r or<br>Sr<br>Offici<br>al<br>% | 10.Pro<br>fessio<br>nal<br>% | 11.Tec<br>h or<br>Assoc<br>Profes<br>sional<br>% | 12.Don<br>'t<br>know<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% |
|-------------------------|--------|---------|--------------------------------------|------------------------------|------------------|-----------------------------------|---|------------------------------|--|--------------------|---|------------------------------|--|---------------------------|------------------------------|----------------------------|------------------|
| France                  | 3958   | 3829    | 0.3                                  | 12.1                         | 6.0              | 11.6                              | 2.5   | 16.9                         | 3.1  | 2.0                | 18.6  | 20.1                         | 4.2  | 2.6                       | 0.7                          | 0.0                        | 3.1              |
| Italy                   | 3424   | 3202    | 0.4                                  | 14.9                         | 23.0             | 7.7                               | 2.2   | 12.7                         | 4.7  | 0.9                | 10.6  | 16.5                         | 4.5  | 2.1                       | 0.4                          | 0.0                        | 6.3              |
| Lebanon                 | 1156   | 952     | 3.6                                  | 15.7                         | 10.4             | 18.3                              | 4.5   | 10.9                         | 1.9  | 4.1                | 7.2   | 15.7                         | 3.4  | 4.3                       | 10.7                         | 0.0                        | 6.0              |
| Norway                  | 2472   | 2259    | 0.2                                  | 8.4                          | 8.0              | 7.0                               | 3.4   | 8.2                          | 3.2  | 1.2                | 20.3  | 33.1                         | 4.2  | 2.8                       | 0.5                          | 0.0                        | 8.3              |
| Portugal                | 1783   | 1713    | 0.7                                  | 16.5                         | 9.3              | 15.0                              | 1.6   | 14.8                         | 8.1  | 2.2                | 7.6   | 14.6                         | 4.8  | 4.8                       | 0.6                          | 0.0                        | 3.0              |
| Russian Federation      | 3822   | 3529    | 0.4                                  | 13.0                         | 8.0              | 10.9                              | 2.6   | 17.6                         | 6.8  | 1.4                | 16.6  | 10.8                         | 1.1  | 10.7                      | 0.2                          | 0.0                        | 7.9              |
| Slovenia                | 1106   | 1058    | 0.3                                  | 16.0                         | 12.7             | 6.1                               | 2.5   | 11.8                         | 6.2  | 1.7                | 12.4  | 14.7                         | 11.0   | 4.7                       | 1.2                          | 0.0                        | 3.4              |
| Sweden                  | 3727   | 3440    | 0.5                                  | 17.9                         | 5.2              | 7.1                               | 1.8   | 5.9                          | 7.2  | 2.5                | 17.0  | 16.9                         | 14.2   | 3.9                       | 0.2                          | 0.0                        | 7.3              |
| United States           | 2932   | 1924    | 0.1                                  | 7.1                          | 1.2              | 6.1                               | 0.4   | 8.2                          | 7.9  | 12.5               | 23.3  | 31.2                         | 1.2  | 0.9                       | 0.7                          | 0.0                        | 35.8             |
| International Avg (n=9) | 24380  | 21906   | 0.7                                  | 13.5                         | 9.3              | 10.0                              | 2.4   | 11.9                         | 5.5  | 3.2                | 14.8  | 19.3                         | 5.4  | 4.1                       | 1.7                          | 0.0                        | 9.0              |

Question: What kind of work do your father (or stepfather or male guardian) and mother (or stepmother or female guardian) do for their main jobs. Father  
Location: SQG-08a (PSBG08A)

| Country                 | Sample | Valid N | 1.Never<br>worked<br>for<br>pay<br>Mean | 2.Small<br>Business<br>Mean | 3.Clerk<br>Mean | 4.Serv<br>ice<br>or<br>Sales<br>Mean | 5.Skill<br>d<br>Agric<br>or<br>Fisher<br>y<br>Mean | 6.Craf<br>t or<br>Trade<br>Mean | 7.Plan<br>t or<br>Machin<br>e<br>Operat<br>or<br>Mean | 8.Labo<br>rer<br>Mean | 9.Corp<br>Manage<br>r or<br>Sr<br>Offici<br>al<br>Mean | 10.Pro<br>fessio<br>nal<br>Mean | 11.Tec<br>h or<br>Assoc<br>Profes<br>sional<br>Mean | 12.Don<br>'t<br>know<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---|-----------------------------|-----------------|--------------------------------------|--|---------------------------------|---|-----------------------|--|---------------------------------|---|------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3829    | 313.5                                   | 364.7                       | 374.2           | 366.2                                | 367.2  | 347.0                           | 352.5   | 331.0                 | 394.6  | 402.5                           | 388.1   | 337.1                        | 302.1                           | .                             | 336.5               |
| Italy                   | 3424   | 3202    | 343.7                                   | 370.4                       | 372.6           | 369.0                                | 375.4  | 364.8                           | 401.3   | 364.2                 | 376.4  | 389.7                           | 417.6   | 360.0                        | 328.0                           | .                             | 328.5               |
| Lebanon                 | 1156   | 952     | 387.2                                   | 417.4                       | 411.2           | 396.1                                | 412.9  | 413.6                           | 443.8   | 371.7                 | 443.4  | 442.2                           | 429.7   | 402.3                        | 387.1                           | .                             | 379.4               |
| Norway                  | 2472   | 2259    | 359.2                                   | 495.6                       | 503.2           | 490.4                                | 527.9  | 483.4                           | 484.7   | 493.1                 | 513.2  | 529.1                           | 519.6   | 473.5                        | 480.7                           | .                             | 475.2               |
| Portugal                | 1783   | 1713    | 406.9                                   | 463.1                       | 479.9           | 478.2                                | 460.7  | 435.0                           | 453.3   | 427.3                 | 488.9  | 499.1                           | 484.4   | 431.4                        | 432.4                           | .                             | 445.4               |
| Russian Federation      | 3822   | 3529    | 537.3                                   | 507.2                       | 481.3           | 498.1                                | 460.6  | 514.4                           | 505.0   | 489.4                 | 531.2  | 537.1                           | 540.6   | 504.3                        | 440.8                           | .                             | 466.2               |
| Slovenia                | 1106   | 1058    | 408.5                                   | 530.9                       | 509.7           | 531.1                                | 527.8  | 530.6                           | 509.2   | 515.6                 | 543.6  | 566.9                           | 540.8   | 517.0                        | 482.5                           | .                             | 481.2               |
| Sweden                  | 3727   | 3440    | 321.8                                   | 446.6                       | 443.3           | 431.1                                | 476.0  | 424.8                           | 421.9   | 428.6                 | 477.1  | 502.8                           | 492.5   | 394.0                        | 349.1                           | .                             | 378.5               |
| United States           | 2932   | 1924    | 439.7                                   | 424.4                       | 449.4           | 414.3                                | 445.6  | 415.1                           | 424.3   | 426.3                 | 430.0  | 408.7                           | 310.3   | 449.0                        | 451.0                           | .                             | 469.7               |
| International Avg (n=9) | 24380  | 21906   | 390.9                                   | 446.7                       | 447.2           | 441.6                                | 450.5  | 436.5                           | 444.0   | 427.5                 | 466.5  | 475.3                           | 458.2   | 429.9                        | 406.0                           | .                             | 417.9               |

Question: What kind of work do your father (or stepfather or male guardian) and mother (or stepmother or female guardian) do for their main jobs. Mother  
Location: SQG-08b (PSBG08B)

| Country                 | Sample | Valid N | 1.Never<br>worked<br>for<br>pay<br>% | 2.Small<br>Busine<br>ss<br>% | 3.Cler<br>k<br>% | 4.Serv<br>ice<br>or<br>Sales<br>% | 5.Skill<br>d<br>Agric<br>or<br>Fisher<br>y<br>% | 6.Craf<br>t or<br>Trade<br>% | 7.Plan<br>t or<br>Machin<br>e<br>Operat<br>or<br>% | 8.Labo<br>rer<br>% | 9.Corp<br>Manage<br>r or<br>Sr<br>Offici<br>al<br>% | 10.Pro<br>fessio<br>nal<br>% | 11.Tec<br>h or<br>Assoc<br>Profes<br>sional<br>% | 12.Don<br>'t<br>know<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% |
|-------------------------|--------|---------|--------------------------------------|------------------------------|------------------|-----------------------------------|---|------------------------------|--|--------------------|---|------------------------------|--|---------------------------|------------------------------|----------------------------|------------------|
| France                  | 3958   | 3864    | 2.8                                  | 5.3                          | 23.7             | 21.3                              | 0.6   | 2.7                          | 0.4  | 3.9                | 9.9   | 22.5                         | 4.4  | 2.6                       | 0.7                          | 0.0                        | 2.3              |
| Italy                   | 3424   | 3206    | 12.3                                 | 8.5                          | 35.1             | 7.1                               | 1.0   | 2.7                          | 1.1  | 5.7                | 3.4   | 18.3                         | 2.1  | 2.8                       | 0.4                          | 0.0                        | 6.1              |
| Lebanon                 | 1156   | 958     | 48.0                                 | 4.5                          | 11.2             | 4.4                               | 0.7   | 0.6                          | 0.1  | 1.8                | 4.5   | 17.1                         | 2.2  | 4.8                       | 4.4                          | 0.0                        | 12.4             |
| Norway                  | 2472   | 2311    | 0.7                                  | 3.4                          | 20.1             | 11.3                              | 0.7   | 1.4                          | 0.5  | 3.1                | 10.3  | 39.9                         | 5.8  | 2.8                       | 0.5                          | 0.0                        | 6.2              |
| Portugal                | 1783   | 1731    | 2.8                                  | 8.2                          | 18.7             | 15.8                              | 0.8   | 2.0                          | 7.3  | 9.4                | 1.8   | 23.6                         | 5.7  | 4.0                       | 0.6                          | 0.0                        | 1.9              |
| Russian Federation      | 3822   | 3569    | 1.7                                  | 6.3                          | 24.4             | 15.8                              | 0.8   | 1.8                          | 2.2  | 2.0                | 11.5  | 20.1                         | 5.8  | 7.7                       | 0.2                          | 0.0                        | 6.5              |
| Slovenia                | 1106   | 1056    | 0.6                                  | 6.7                          | 33.7             | 11.6                              | 1.1   | 1.9                          | 0.6  | 2.2                | 8.3   | 21.4                         | 7.0  | 4.9                       | 1.2                          | 0.0                        | 3.6              |
| Sweden                  | 3727   | 3508    | 2.1                                  | 6.9                          | 12.9             | 17.0                              | 0.2   | 0.3                          | 1.4  | 4.3                | 9.5   | 23.9                         | 16.8   | 4.4                       | 0.2                          | 0.0                        | 5.4              |
| United States           | 2932   | 2085    | 2.4                                  | 2.5                          | 10.1             | 9.8                               | 3.9   | 4.1                          | 1.1  | 5.5                | 10.2  | 34.4                         | 14.5   | 1.7                       | 0.7                          | 0.0                        | 26.0             |
| International Avg (n=9) | 24380  | 22288   | 8.1                                  | 5.8                          | 21.1             | 12.7                              | 1.1   | 1.9                          | 1.6  | 4.2                | 7.7   | 24.6                         | 7.1  | 4.0                       | 1.0                          | 0.0                        | 7.8              |

Question: What kind of work do your father (or stepfather or male guardian) and mother (or stepmother or female guardian) do for their main jobs. Mother  
Location: SQG-08b (PSBG08B)

| Country                 | Sample | Valid N | 1.Never<br>worked<br>for<br>pay<br>Mean | 2.Small<br>Business<br>Mean | 3.Clerk<br>Mean | 4.Serv<br>ice<br>or<br>Sales<br>Mean | 5.Skill<br>d<br>Agric<br>or<br>Fisher<br>y<br>Mean | 6.Craf<br>t or<br>Trade<br>Mean | 7.Plan<br>t or<br>Machin<br>e<br>Operat<br>or<br>Mean | 8.Labo<br>rer<br>Mean | 9.Corp<br>Manage<br>r or<br>Sr<br>Offici<br>al<br>Mean | 10.Pro<br>fessio<br>nal<br>Mean | 11.Tec<br>h or<br>Assoc<br>Profes<br>sional<br>Mean | 12.Don<br>'t<br>know<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---|-----------------------------|-----------------|--------------------------------------|--|---------------------------------|---|-----------------------|--|---------------------------------|---|------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3864    | 334.4                                   | 358.5                       | 370.0           | 359.8                                | 366.4  | 350.5                           | 383.0   | 348.0                 | 393.6  | 399.6                           | 393.8   | 351.8                        | 302.1                           | .                             | 335.5               |
| Italy                   | 3424   | 3206    | 325.8                                   | 366.9                       | 380.5           | 389.4                                | 395.5  | 385.8                           | 419.4   | 372.9                 | 401.6  | 398.7                           | 410.9   | 361.0                        | 321.1                           | .                             | 320.0               |
| Lebanon                 | 1156   | 958     | 401.4                                   | 405.6                       | 435.8           | 444.2                                | 425.5  | 439.6                           | 483.4   | 364.9                 | 396.6  | 448.4                           | 432.1   | 414.4                        | 362.0                           | .                             | 385.9               |
| Norway                  | 2472   | 2311    | 445.8                                   | 487.5                       | 501.3           | 496.2                                | 537.9  | 475.7                           | 393.8   | 466.0                 | 527.0  | 524.5                           | 513.0   | 480.0                        | 480.7                           | .                             | 465.3               |
| Portugal                | 1783   | 1731    | 449.5                                   | 451.3                       | 473.3           | 466.5                                | 444.6  | 429.4                           | 443.4   | 431.0                 | 478.6  | 500.8                           | 468.0   | 436.0                        | 432.4                           | .                             | 442.8               |
| Russian Federation      | 3822   | 3569    | 486.9                                   | 488.6                       | 505.8           | 492.9                                | 481.1  | 524.7                           | 532.0   | 469.4                 | 523.0  | 538.4                           | 500.1   | 514.3                        | 440.8                           | .                             | 456.5               |
| Slovenia                | 1106   | 1056    | 457.0                                   | 519.0                       | 527.2           | 517.4                                | 586.8  | 569.9                           | 523.9   | 496.5                 | 528.4  | 555.1                           | 553.3   | 515.6                        | 482.5                           | .                             | 490.0               |
| Sweden                  | 3727   | 3508    | 356.6                                   | 437.6                       | 450.9           | 432.3                                | 454.6  | 426.6                           | 407.1   | 424.3                 | 483.0  | 490.7                           | 489.5   | 397.8                        | 349.1                           | .                             | 370.2               |
| United States           | 2932   | 2085    | 377.6                                   | 387.6                       | 448.9           | 470.4                                | 426.2  | 381.4                           | 381.7   | 375.6                 | 455.2  | 473.4                           | 451.9   | 418.3                        | 451.0                           | .                             | 405.9               |
| International Avg (n=9) | 24380  | 22288   | 403.9                                   | 433.6                       | 454.9           | 452.1                                | 457.6  | 442.6                           | 440.8   | 416.5                 | 465.2  | 481.1                           | 468.1   | 432.1                        | 402.4                           | .                             | 408.0               |

Question: How far in your education do you expect to go  
Location: SQG-09 (PSBG09)

| Country                 | Sample | Valid N | 1.Upper<br>secondary<br>% | 2.Post<br>-second<br>dary,<br>non-tertiary<br>% | 3.Short-<br>cycle<br>tertiary<br>% | 4.Bachelor's<br>or<br>equivalent<br>% | 5.Master's<br>or<br>equivalent<br>% | 6.Doctor<br>or<br>equivalent<br>% | Not<br>Administered<br>% | Not<br>Applicable<br>% | Omitted<br>% |
|-------------------------|--------|---------|---------------------------|---|------------------------------------|---------------------------------------|-------------------------------------|-----------------------------------|--------------------------|------------------------|--------------|
| France                  | 3958   | 3933    | 1.4                       | 0.5   | 9.6                                | 14.5                                  | 53.3                                | 20.6                              | 0.7                      | 0.0                    | 0.4          |
| Italy                   | 3424   | 3371    | 2.1                       | 1.1   | 10.6                               | 46.1                                  | 23.6                                | 16.5                              | 0.4                      | 0.0                    | 1.2          |
| Lebanon                 | 1156   | 1132    | 0.3                       | 0.1   | 1.8                                | 3.9                                   | 35.4                                | 58.6                              | 0.2                      | 0.0                    | 2.0          |
| Norway                  | 2472   | 2428    | 0.4                       | 0.8   | 0.6                                | 22.0                                  | 68.5                                | 7.7                               | 0.5                      | 0.0                    | 1.3          |
| Portugal                | 1783   | 1763    | 1.9                       | 2.1   | 0.0                                | 16.5                                  | 53.7                                | 25.8                              | 0.6                      | 0.0                    | 0.4          |
| Russian Federation      | 3822   | 3797    | 0.8                       | 2.0   | 0.0                                | 28.1                                  | 61.5                                | 7.6                               | 0.2                      | 0.0                    | 0.5          |
| Slovenia                | 1106   | 1092    | 0.3                       | 3.0   | 7.4                                | 19.0                                  | 47.7                                | 22.4                              | 1.2                      | 0.0                    | 0.2          |
| Sweden                  | 3727   | 3679    | 0.9                       | 0.7   | 3.1                                | 22.3                                  | 64.3                                | 8.7                               | 0.2                      | 0.0                    | 1.1          |
| United States           | 2932   | 2912    | 0.5                       | 0.0   | 0.9                                | 24.2                                  | 51.1                                | 23.3                              | 0.7                      | 0.0                    | 0.3          |
| International Avg (n=9) | 24380  | 24107   | 1.0                       | 1.1   | 3.8                                | 21.8                                  | 51.0                                | 21.3                              | 0.5                      | 0.0                    | 0.8          |

Question: How far in your education do you expect to go  
Location: SQG-09 (PSBG09)

| Country                 | Sample | Valid N | 1.Uppe<br>r<br>second<br>ary<br>Mean | 2.Post<br>-secon<br>dary,<br>non-te<br>rtiary<br>Mean | 3.Shor<br>t-cycl<br>e<br>tertia<br>ry<br>Mean | 4.Bach<br>elor's<br>or<br>equiva<br>lent<br>Mean | 5.Mast<br>er's<br>or<br>equiva<br>lent<br>Mean | 6.Doct<br>or or<br>equiva<br>lent<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|--------------------------------------|---|---|--|--|---|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3933    | 295.6                                | 300.7   | 314.6   | 323.8  | 392.8  | 395.4                                     | 302.1                           | .                             | 278.1               |
| Italy                   | 3424   | 3371    | 278.8                                | 279.7   | 329.4   | 381.2  | 372.6  | 406.5                                     | 321.1                           | .                             | 334.4               |
| Lebanon                 | 1156   | 1132    | 310.4                                | 346.2   | 335.8   | 384.3  | 415.1  | 413.8                                     | 319.3                           | .                             | 355.2               |
| Norway                  | 2472   | 2428    | 493.4                                | 447.9   | 385.9   | 461.0  | 520.0  | 550.0                                     | 480.7                           | .                             | 472.3               |
| Portugal                | 1783   | 1763    | 392.6                                | 396.3   | .   | 413.6  | 476.4  | 492.4                                     | 432.4                           | .                             | 448.8               |
| Russian Federation      | 3822   | 3797    | 416.7                                | 402.1   | .   | 477.4  | 519.7  | 559.3                                     | 440.8                           | .                             | 504.7               |
| Slovenia                | 1106   | 1092    | 440.5                                | 450.6   | 484.4   | 504.2  | 539.8  | 565.2                                     | 482.5                           | .                             | 565.9               |
| Sweden                  | 3727   | 3679    | 293.5                                | 423.0   | 366.6   | 404.4  | 474.3  | 496.5                                     | 349.1                           | .                             | 405.9               |
| United States           | 2932   | 2912    | 359.3                                | .   | 321.7   | 418.2  | 443.2  | 450.5                                     | 451.0                           | .                             | 406.9               |
| International Avg (n=9) | 24380  | 24107   | 364.5                                | 380.8   | 362.6   | 418.7  | 461.5  | 481.1                                     | 397.6                           | .                             | 419.1               |

Question: If you plan to continue your education, which area(s) do you intend to study. Mathematics or Statistics  
Location: SQG-10a (PSBG10A)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 15.6       | 84.4      | 0.7                          | 0.0                        | 0.7              | 428.8         | 363.7        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 6.5        | 93.5      | 0.4                          | 0.0                        | 5.2              | 410.6         | 374.5        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1144    | 24.3       | 75.7      | 0.1                          | 0.0                        | 0.9              | 398.0         | 414.4        | 353.2                           | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 35.9       | 64.1      | 0.5                          | 0.0                        | 1.1              | 530.7         | 495.1        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 16.6       | 83.4      | 0.6                          | 0.0                        | 1.0              | 505.1         | 460.0        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 32.9       | 67.1      | 0.2                          | 0.0                        | 0.2              | 534.7         | 494.4        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 14.1       | 85.9      | 1.4                          | 0.0                        | 1.2              | 528.6         | 533.3        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 19.0       | 81.0      | 0.2                          | 0.0                        | 2.7              | 499.2         | 445.6        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 31.5       | 68.5      | 0.7                          | 0.0                        | 0.4              | 468.8         | 423.0        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23909   | 21.8       | 78.2      | 0.5                          | 0.0                        | 1.5              | 478.3         | 444.9        | 402.7                           | .                             | 408.2               |



Question: If you plan to continue your education, which area(s) do you intend to study. Physics  
Location: SQG-10b (PSBG10B)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 14.9       | 85.1      | 0.7                          | 0.0                        | 0.7              | 442.1         | 361.9        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 6.0        | 94.0      | 0.4                          | 0.0                        | 5.2              | 491.5         | 369.6        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1145    | 17.1       | 82.9      | 0.0                          | 0.0                        | 0.9              | 427.1         | 406.9        | .                               | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 40.9       | 59.1      | 0.5                          | 0.0                        | 1.1              | 550.5         | 478.4        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 22.8       | 77.2      | 0.6                          | 0.0                        | 1.0              | 520.4         | 451.8        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 39.9       | 60.1      | 0.2                          | 0.0                        | 0.2              | 545.6         | 482.5        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 17.7       | 82.3      | 1.4                          | 0.0                        | 1.2              | 555.9         | 527.6        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 15.4       | 84.6      | 0.2                          | 0.0                        | 2.7              | 526.6         | 442.9        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 23.0       | 77.0      | 0.7                          | 0.0                        | 0.4              | 495.5         | 420.1        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23910   | 22.0       | 78.0      | 0.5                          | 0.0                        | 1.5              | 506.1         | 438.0        | 408.9                           | .                             | 408.2               |

Question: If you plan to continue your education, which area(s) do you intend to study. Chemistry  
Location: SQG-10c (PSBG10C)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 11.8       | 88.2      | 0.7                          | 0.0                        | 0.7              | 407.0         | 369.4        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 7.1        | 92.9      | 0.4                          | 0.0                        | 5.2              | 413.7         | 374.1        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1145    | 6.3        | 93.7      | 0.0                          | 0.0                        | 0.9              | 392.4         | 411.6        | .                               | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 12.4       | 87.6      | 0.5                          | 0.0                        | 1.1              | 551.9         | 501.6        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 5.2        | 94.8      | 0.6                          | 0.0                        | 1.0              | 484.2         | 466.6        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 9.2        | 90.8      | 0.2                          | 0.0                        | 0.2              | 533.7         | 505.0        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 9.2        | 90.8      | 1.4                          | 0.0                        | 1.2              | 553.9         | 530.5        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 12.9       | 87.1      | 0.2                          | 0.0                        | 2.7              | 477.0         | 452.7        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 14.6       | 85.4      | 0.7                          | 0.0                        | 0.4              | 478.4         | 430.4        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23910   | 9.9        | 90.1      | 0.5                          | 0.0                        | 1.5              | 476.9         | 449.1        | 408.9                           | .                             | 408.2               |

Question: If you plan to continue your education, which area(s) do you intend to study. Biological and Biomedical Sciences (e.g., dentistry, medicine, nursing, pharmacology, veterinary medicine)

Location: SQG-10d (PSBG10D)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 39.6       | 60.4      | 0.7                          | 0.0                        | 0.7              | 360.4         | 382.6        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 37.0       | 63.0      | 0.4                          | 0.0                        | 5.2              | 380.2         | 375.0        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1145    | 6.8        | 93.2      | 0.0                          | 0.0                        | 0.9              | 412.8         | 410.2        | .                               | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 16.8       | 83.2      | 0.5                          | 0.0                        | 1.1              | 503.8         | 508.7        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 14.5       | 85.5      | 0.6                          | 0.0                        | 1.0              | 477.7         | 465.7        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 11.6       | 88.4      | 0.2                          | 0.0                        | 0.2              | 491.3         | 509.8        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 21.1       | 78.9      | 1.4                          | 0.0                        | 1.2              | 552.4         | 527.3        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 35.8       | 64.2      | 0.2                          | 0.0                        | 2.7              | 456.1         | 455.6        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 29.0       | 71.0      | 0.7                          | 0.0                        | 0.4              | 416.6         | 445.9        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23910   | 23.6       | 76.4      | 0.5                          | 0.0                        | 1.5              | 450.1         | 453.4        | 408.9                           | .                             | 408.2               |

Question: If you plan to continue your education, which area(s) do you intend to study. Engineering and Engineering Technologies (e.g., aerospace engineering, chemical engineering, civil engineering, electrical engineering, mechanical engineering)

Location: SQG-10e (PSBG10E)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 23.5       | 76.5      | 0.7                          | 0.0                        | 0.7              | 419.8         | 359.7        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 23.4       | 76.6      | 0.4                          | 0.0                        | 5.2              | 437.8         | 358.3        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1144    | 70.8       | 29.2      | 0.1                          | 0.0                        | 0.9              | 421.8         | 382.2        | 517.8                           | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 73.2       | 26.8      | 0.5                          | 0.0                        | 1.1              | 520.9         | 472.4        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 63.8       | 36.2      | 0.6                          | 0.0                        | 1.0              | 476.0         | 452.5        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 39.6       | 60.4      | 0.2                          | 0.0                        | 0.2              | 534.3         | 490.2        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 42.0       | 58.0      | 1.4                          | 0.0                        | 1.2              | 529.5         | 534.9        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 53.8       | 46.2      | 0.2                          | 0.0                        | 2.7              | 477.5         | 430.6        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 41.7       | 58.3      | 0.7                          | 0.0                        | 0.4              | 471.6         | 413.0        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23909   | 48.0       | 52.0      | 0.5                          | 0.0                        | 1.5              | 476.6         | 432.6        | 421.0                           | .                             | 408.2               |

Question: If you plan to continue your education, which area(s) do you intend to study. Computer and Information Sciences  
Location: SQG-10f (PSBG10F)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 11.9       | 88.1      | 0.7                          | 0.0                        | 0.7              | 395.6         | 370.9        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 5.9        | 94.1      | 0.4                          | 0.0                        | 5.2              | 410.0         | 374.8        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1145    | 13.2       | 86.8      | 0.0                          | 0.0                        | 0.9              | 415.7         | 409.5        | .                               | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 26.3       | 73.7      | 0.5                          | 0.0                        | 1.1              | 523.8         | 502.2        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 23.6       | 76.4      | 0.6                          | 0.0                        | 1.0              | 475.5         | 465.0        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 27.0       | 73.0      | 0.2                          | 0.0                        | 0.2              | 540.7         | 495.4        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 15.1       | 84.9      | 1.4                          | 0.0                        | 1.2              | 543.6         | 530.7        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 19.1       | 80.9      | 0.2                          | 0.0                        | 2.7              | 442.2         | 459.0        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 22.8       | 77.2      | 0.7                          | 0.0                        | 0.4              | 463.6         | 429.7        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23910   | 18.3       | 81.7      | 0.5                          | 0.0                        | 1.5              | 467.8         | 448.6        | 408.9                           | .                             | 408.2               |

Question: If you plan to continue your education, which area(s) do you intend to study. Education  
Location: SQG-10g (PSBG10G)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 6.3        | 93.7      | 0.7                          | 0.0                        | 0.7              | 349.7         | 375.4        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 9.8        | 90.2      | 0.4                          | 0.0                        | 5.2              | 357.1         | 379.1        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1145    | 2.7        | 97.3      | 0.0                          | 0.0                        | 0.9              | 374.7         | 411.4        | .                               | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 10.6       | 89.4      | 0.5                          | 0.0                        | 1.1              | 489.8         | 510.0        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 0.7        | 99.3      | 0.6                          | 0.0                        | 1.0              | 468.2         | 467.5        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 7.8        | 92.2      | 0.2                          | 0.0                        | 0.2              | 481.5         | 509.8        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 4.8        | 95.2      | 1.4                          | 0.0                        | 1.2              | 498.1         | 534.3        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 10.2       | 89.8      | 0.2                          | 0.0                        | 2.7              | 447.1         | 456.8        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 6.4        | 93.6      | 0.7                          | 0.0                        | 0.4              | 407.1         | 439.5        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23910   | 6.6        | 93.4      | 0.5                          | 0.0                        | 1.5              | 430.4         | 453.8        | 408.9                           | .                             | 408.2               |

Question: If you plan to continue your education, which area(s) do you intend to study. Business (e.g., accounting, marketing, administration, finance, management)

Location: SQG-10h (PSBG10H)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 13.1       | 86.9      | 0.7                          | 0.0                        | 0.7              | 356.1         | 376.5        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 14.5       | 85.5      | 0.4                          | 0.0                        | 5.2              | 356.5         | 380.4        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1145    | 6.3        | 93.7      | 0.0                          | 0.0                        | 0.9              | 397.2         | 411.2        | .                               | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 21.7       | 78.3      | 0.5                          | 0.0                        | 1.1              | 488.3         | 513.3        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 9.4        | 90.6      | 0.6                          | 0.0                        | 1.0              | 446.2         | 469.7        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 24.6       | 75.4      | 0.2                          | 0.0                        | 0.2              | 508.3         | 507.4        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 4.2        | 95.8      | 1.4                          | 0.0                        | 1.2              | 466.9         | 535.5        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 15.7       | 84.3      | 0.2                          | 0.0                        | 2.7              | 462.6         | 454.5        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 23.9       | 76.1      | 0.7                          | 0.0                        | 0.4              | 417.3         | 443.8        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23910   | 14.8       | 85.2      | 0.5                          | 0.0                        | 1.5              | 433.3         | 454.7        | 408.9                           | .                             | 408.2               |

Question: If you plan to continue your education, which area(s) do you intend to study. Law  
Location: SQG-10i (PSBG10I)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 5.7        | 94.3      | 0.7                          | 0.0                        | 0.7              | 338.8         | 375.9        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 6.4        | 93.6      | 0.4                          | 0.0                        | 5.2              | 335.2         | 379.7        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1145    | 2.2        | 97.8      | 0.0                          | 0.0                        | 0.9              | 399.6         | 410.6        | .                               | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 7.7        | 92.3      | 0.5                          | 0.0                        | 1.1              | 487.3         | 509.6        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 0.7        | 99.3      | 0.6                          | 0.0                        | 1.0              | 414.8         | 467.9        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 12.6       | 87.4      | 0.2                          | 0.0                        | 0.2              | 486.7         | 510.7        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 3.2        | 96.8      | 1.4                          | 0.0                        | 1.2              | 454.0         | 535.2        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 8.8        | 91.2      | 0.2                          | 0.0                        | 2.7              | 448.3         | 456.5        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 6.2        | 93.8      | 0.7                          | 0.0                        | 0.4              | 404.4         | 439.6        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23910   | 5.9        | 94.1      | 0.5                          | 0.0                        | 1.5              | 418.8         | 454.0        | 408.9                           | .                             | 408.2               |



Question: If you plan to continue your education, which area(s) do you intend to study. Social Sciences (e.g., sociology, political science, economics, psychology)

Location: SQG-10j (PSBG10J)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 8.5        | 91.5      | 0.7                          | 0.0                        | 0.7              | 368.6         | 374.3        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 9.6        | 90.4      | 0.4                          | 0.0                        | 5.2              | 349.8         | 379.8        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1145    | 3.1        | 96.9      | 0.0                          | 0.0                        | 0.9              | 399.2         | 410.7        | .                               | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 8.1        | 91.9      | 0.5                          | 0.0                        | 1.1              | 467.7         | 511.4        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 3.0        | 97.0      | 0.6                          | 0.0                        | 1.0              | 438.0         | 468.4        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 17.7       | 82.3      | 0.2                          | 0.0                        | 0.2              | 492.3         | 510.9        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 3.4        | 96.6      | 1.4                          | 0.0                        | 1.2              | 491.6         | 534.1        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 10.7       | 89.3      | 0.2                          | 0.0                        | 2.7              | 429.6         | 458.9        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 15.9       | 84.1      | 0.7                          | 0.0                        | 0.4              | 422.2         | 440.3        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23910   | 8.9        | 91.1      | 0.5                          | 0.0                        | 1.5              | 428.8         | 454.3        | 408.9                           | .                             | 408.2               |

Question: If you plan to continue your education, which area(s) do you intend to study. Arts and Humanities (e.g., art, language, literature, history, philosophy)

Location: SQG-10k (PSBG10K)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 8.0        | 92.0      | 0.7                          | 0.0                        | 0.7              | 368.1         | 374.3        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 10.6       | 89.4      | 0.4                          | 0.0                        | 5.2              | 367.8         | 378.0        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1145    | 2.9        | 97.1      | 0.0                          | 0.0                        | 0.9              | 385.6         | 411.1        | .                               | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 5.5        | 94.5      | 0.5                          | 0.0                        | 1.1              | 487.8         | 509.0        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 2.0        | 98.0      | 0.6                          | 0.0                        | 1.0              | 495.1         | 466.9        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 14.2       | 85.8      | 0.2                          | 0.0                        | 0.2              | 494.2         | 509.9        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 2.4        | 97.6      | 1.4                          | 0.0                        | 1.2              | 512.4         | 533.1        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 6.9        | 93.1      | 0.2                          | 0.0                        | 2.7              | 456.7         | 455.7        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 15.2       | 84.8      | 0.7                          | 0.0                        | 0.4              | 441.1         | 436.8        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23910   | 7.5        | 92.5      | 0.5                          | 0.0                        | 1.5              | 445.4         | 452.8        | 408.9                           | .                             | 408.2               |

Question: If you plan to continue your education, which area(s) do you intend to study. Other Science Fields of Study  
Location: SQG-101 (PSBG10L)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 7.1        | 92.9      | 0.7                          | 0.0                        | 0.7              | 373.3         | 373.9        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 9.9        | 90.1      | 0.4                          | 0.0                        | 5.2              | 393.3         | 375.1        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1145    | 7.2        | 92.8      | 0.0                          | 0.0                        | 0.9              | 416.8         | 409.8        | .                               | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 15.7       | 84.3      | 0.5                          | 0.0                        | 1.1              | 536.3         | 502.6        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 6.3        | 93.7      | 0.6                          | 0.0                        | 1.0              | 441.4         | 469.2        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 7.0        | 93.0      | 0.2                          | 0.0                        | 0.2              | 540.3         | 505.2        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1081    | 6.2        | 93.8      | 1.2                          | 0.0                        | 1.2              | 509.4         | 534.1        | 482.5                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 10.0       | 90.0      | 0.2                          | 0.0                        | 2.7              | 467.6         | 454.5        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 10.6       | 89.4      | 0.7                          | 0.0                        | 0.4              | 438.5         | 437.3        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23911   | 8.9        | 91.1      | 0.5                          | 0.0                        | 1.5              | 457.4         | 451.3        | 408.5                           | .                             | 408.2               |

Question: If you plan to continue your education, which area(s) do you intend to study. Other Non-science Fields of Study  
Location: SQG-10m (PSBG10M)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3921    | 7.2        | 92.8      | 0.7                          | 0.0                        | 0.7              | 331.8         | 377.1        | 302.1                           | .                             | 335.2               |
| Italy                   | 3424   | 3244    | 9.2        | 90.8      | 0.4                          | 0.0                        | 5.2              | 325.9         | 382.1        | 321.1                           | .                             | 324.2               |
| Lebanon                 | 1156   | 1144    | 4.2        | 95.8      | 0.1                          | 0.0                        | 0.9              | 414.1         | 410.3        | 332.8                           | .                             | 390.1               |
| Norway                  | 2472   | 2432    | 6.0        | 94.0      | 0.5                          | 0.0                        | 1.1              | 460.4         | 510.9        | 480.7                           | .                             | 464.7               |
| Portugal                | 1783   | 1754    | 5.7        | 94.3      | 0.6                          | 0.0                        | 1.0              | 439.6         | 469.2        | 432.4                           | .                             | 398.5               |
| Russian Federation      | 3822   | 3809    | 11.4       | 88.6      | 0.2                          | 0.0                        | 0.2              | 475.2         | 511.8        | 440.8                           | .                             | 506.1               |
| Slovenia                | 1106   | 1080    | 3.8        | 96.2      | 1.4                          | 0.0                        | 1.2              | 493.4         | 534.2        | 485.7                           | .                             | 454.0               |
| Sweden                  | 3727   | 3619    | 8.8        | 91.2      | 0.2                          | 0.0                        | 2.7              | 423.3         | 458.9        | 349.1                           | .                             | 420.7               |
| United States           | 2932   | 2906    | 7.5        | 92.5      | 0.7                          | 0.0                        | 0.4              | 424.6         | 438.5        | 459.3                           | .                             | 379.8               |
| International Avg (n=9) | 24380  | 23909   | 7.1        | 92.9      | 0.5                          | 0.0                        | 1.5              | 420.9         | 454.8        | 400.4                           | .                             | 408.2               |

Question: In the future, do you want to work in any of the following professional fields. Education (e.g., teacher, university professor)  
Location: SQG-11a (PSBG11A)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.Mayb<br>e<br>% | 3.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.Mayb<br>e<br>Mean | 3.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|------------------|-----------|------------------------------|----------------------------|------------------|---------------|---------------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3807    | 8.6        | 34.5             | 56.9      | 0.7                          | 0.0                        | 3.5              | 364.2         | 393.0               | 364.5        | 302.1                           | .                             | 352.3               |
| Italy                   | 3424   | 3043    | 8.9        | 34.0             | 57.1      | 0.4                          | 0.0                        | 10.6             | 350.2         | 390.4               | 374.0        | 321.1                           | .                             | 346.0               |
| Lebanon                 | 1156   | 880     | 14.1       | 43.7             | 42.3      | 0.2                          | 0.0                        | 23.7             | 396.5         | 425.2               | 405.6        | 421.8                           | .                             | 401.3               |
| Norway                  | 2472   | 2360    | 14.9       | 42.7             | 42.4      | 0.5                          | 0.0                        | 4.0              | 510.6         | 522.0               | 494.4        | 480.7                           | .                             | 478.5               |
| Portugal                | 1783   | 1569    | 2.1        | 24.6             | 73.2      | 0.6                          | 0.0                        | 11.0             | 509.7         | 495.5               | 458.8        | 432.4                           | .                             | 449.6               |
| Russian Federation      | 3822   | 3575    | 7.4        | 27.9             | 64.7      | 0.2                          | 0.0                        | 6.3              | 487.4         | 521.1               | 505.5        | 440.8                           | .                             | 494.6               |
| Slovenia                | 1106   | 1077    | 9.7        | 40.2             | 50.1      | 1.2                          | 0.0                        | 1.5              | 520.4         | 548.0               | 520.9        | 482.5                           | .                             | 526.3               |
| Sweden                  | 3727   | 3480    | 7.8        | 38.3             | 53.9      | 0.2                          | 0.0                        | 6.3              | 448.8         | 476.1               | 444.5        | 349.1                           | .                             | 424.1               |
| United States           | 2932   | 2634    | 6.7        | 38.1             | 55.2      | 0.7                          | 0.0                        | 10.4             | 461.4         | 452.0               | 427.8        | 459.3                           | .                             | 419.2               |
| International Avg (n=9) | 24380  | 22425   | 8.9        | 36.0             | 55.1      | 0.5                          | 0.0                        | 8.6              | 449.9         | 469.3               | 444.0        | 410.0                           | .                             | 432.4               |

Question: In the future, do you want to work in any of the following professional fields. Engineering and Engineering Technologies (e.g., aerospace engineer, chemical engineer, civil engineer, electrical engineer, mechanical engineer)

Location: SQG-11b (PSBG11B)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.Maybe<br>% | 3.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.Maybe<br>Mean | 3.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|--------------|-----------|------------------------------|----------------------------|------------------|---------------|-----------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3804    | 26.1       | 22.9         | 50.9      | 0.7                          | 0.0                        | 3.5              | 414.7         | 390.4           | 347.0        | 302.1                           | .                             | 344.3               |
| Italy                   | 3424   | 3070    | 20.7       | 21.8         | 57.6      | 0.4                          | 0.0                        | 9.9              | 437.6         | 400.8           | 350.1        | 321.1                           | .                             | 328.4               |
| Lebanon                 | 1156   | 1052    | 72.7       | 19.2         | 8.1       | 0.2                          | 0.0                        | 7.9              | 420.9         | 391.6           | 377.9        | 382.7                           | .                             | 392.0               |
| Norway                  | 2472   | 2411    | 70.1       | 21.8         | 8.1       | 0.5                          | 0.0                        | 2.0              | 521.3         | 488.3           | 451.3        | 480.7                           | .                             | 459.1               |
| Portugal                | 1783   | 1705    | 55.7       | 28.9         | 15.3      | 0.6                          | 0.0                        | 3.9              | 477.4         | 470.9           | 427.7        | 432.4                           | .                             | 440.8               |
| Russian Federation      | 3822   | 3658    | 40.4       | 28.9         | 30.7      | 0.2                          | 0.0                        | 4.3              | 533.8         | 514.4           | 475.2        | 440.8                           | .                             | 450.3               |
| Slovenia                | 1106   | 1080    | 45.7       | 27.7         | 26.6      | 1.2                          | 0.0                        | 1.2              | 536.2         | 547.4           | 506.7        | 482.5                           | .                             | 544.0               |
| Sweden                  | 3727   | 3597    | 52.8       | 29.7         | 17.4      | 0.2                          | 0.0                        | 3.3              | 472.1         | 463.1           | 400.0        | 349.1                           | .                             | 396.1               |
| United States           | 2932   | 2739    | 39.3       | 27.3         | 33.4      | 0.7                          | 0.0                        | 7.9              | 468.1         | 451.6           | 394.6        | 459.3                           | .                             | 415.2               |
| International Avg (n=9) | 24380  | 23116   | 47.1       | 25.4         | 27.6      | 0.5                          | 0.0                        | 4.9              | 475.8         | 457.6           | 414.5        | 405.6                           | .                             | 418.9               |

Question: In the future, do you want to work in any of the following professional fields. Computer and Information Sciences (e.g., database administrator, network administrator, software or application developer, systems analyst)

Location: SQG-11c (PSBG11C)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.Maybe<br>% | 3.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.Maybe<br>Mean | 3.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|--------------|-----------|------------------------------|----------------------------|------------------|---------------|-----------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3783    | 12.1       | 17.1         | 70.7      | 0.7                          | 0.0                        | 4.1              | 389.3         | 399.1           | 365.5        | 302.1                           | .                             | 358.7               |
| Italy                   | 3424   | 3004    | 9.5        | 20.5         | 69.9      | 0.4                          | 0.0                        | 11.7             | 398.1         | 392.7           | 371.3        | 321.1                           | .                             | 343.5               |
| Lebanon                 | 1156   | 813     | 21.9       | 38.0         | 40.1      | 0.1                          | 0.0                        | 29.8             | 414.7         | 413.0           | 415.4        | 354.5                           | .                             | 400.6               |
| Norway                  | 2472   | 2344    | 27.6       | 33.2         | 39.2      | 0.5                          | 0.0                        | 4.8              | 512.1         | 521.2           | 495.5        | 480.7                           | .                             | 483.0               |
| Portugal                | 1783   | 1591    | 26.8       | 36.1         | 37.1      | 0.6                          | 0.0                        | 9.7              | 468.5         | 466.6           | 469.8        | 432.4                           | .                             | 453.2               |
| Russian Federation      | 3822   | 3585    | 26.9       | 33.0         | 40.1      | 0.2                          | 0.0                        | 6.3              | 533.4         | 512.7           | 492.0        | 440.8                           | .                             | 473.4               |
| Slovenia                | 1106   | 1079    | 22.4       | 30.0         | 47.6      | 1.2                          | 0.0                        | 1.3              | 543.1         | 537.8           | 522.9        | 482.5                           | .                             | 512.9               |
| Sweden                  | 3727   | 3490    | 25.8       | 31.9         | 42.4      | 0.2                          | 0.0                        | 6.1              | 445.8         | 466.2           | 455.1        | 349.1                           | .                             | 433.5               |
| United States           | 2932   | 2641    | 18.3       | 31.7         | 50.0      | 0.7                          | 0.0                        | 10.4             | 452.7         | 441.6           | 432.1        | 459.3                           | .                             | 422.5               |
| International Avg (n=9) | 24380  | 22330   | 21.3       | 30.2         | 48.6      | 0.5                          | 0.0                        | 9.4              | 462.0         | 461.2           | 446.6        | 402.5                           | .                             | 431.2               |

Question: In the future, do you want to work in any of the following professional fields. Finance/Banking  
Location: SQG-11d (PSBG11D)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.Mayb<br>e<br>% | 3.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.Mayb<br>e<br>Mean | 3.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|------------------|-----------|------------------------------|----------------------------|------------------|---------------|---------------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3766    | 7.9        | 20.8             | 71.3      | 0.7                          | 0.0                        | 4.5              | 368.8         | 368.0               | 376.3        | 302.1                           | .                             | 363.7               |
| Italy                   | 3424   | 3059    | 12.7       | 27.5             | 59.8      | 0.4                          | 0.0                        | 10.1             | 339.1         | 374.3               | 384.9        | 321.1                           | .                             | 356.5               |
| Lebanon                 | 1156   | 790     | 7.5        | 29.5             | 63.0      | 0.0                          | 0.0                        | 31.3             | 369.1         | 402.1               | 424.8        | .                               | .                             | 401.9               |
| Norway                  | 2472   | 2319    | 14.8       | 28.2             | 57.0      | 0.5                          | 0.0                        | 5.8              | 484.0         | 502.8               | 517.8        | 480.7                           | .                             | 488.1               |
| Portugal                | 1783   | 1532    | 4.4        | 23.3             | 72.3      | 0.6                          | 0.0                        | 12.9             | 452.1         | 462.4               | 472.8        | 432.4                           | .                             | 449.2               |
| Russian Federation      | 3822   | 3576    | 22.8       | 39.1             | 38.1      | 0.2                          | 0.0                        | 6.4              | 500.5         | 510.4               | 512.1        | 440.8                           | .                             | 490.7               |
| Slovenia                | 1106   | 1078    | 10.1       | 28.7             | 61.2      | 1.2                          | 0.0                        | 1.5              | 501.1         | 527.6               | 538.4        | 482.5                           | .                             | 538.5               |
| Sweden                  | 3727   | 3456    | 14.4       | 34.5             | 51.1      | 0.2                          | 0.0                        | 6.5              | 442.8         | 450.0               | 465.6        | 349.1                           | .                             | 425.0               |
| United States           | 2932   | 2612    | 8.8        | 29.1             | 62.1      | 0.7                          | 0.0                        | 10.9             | 429.0         | 422.7               | 448.2        | 459.3                           | .                             | 421.8               |
| International Avg (n=9) | 24380  | 22188   | 11.5       | 29.0             | 59.5      | 0.5                          | 0.0                        | 10.0             | 431.8         | 446.7               | 460.1        | 408.5                           | .                             | 437.3               |



Question: In the future, do you want to work in any of the following professional fields. Biological and Biomedical Sciences (e.g., biomedical engineer, biochemist, biophysicist, dentist, medical doctor, nurse, veterinarian)

Location: SQG-11e (PSBG11E)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.Maybe<br>% | 3.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.Maybe<br>Mean | 3.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|--------------|-----------|------------------------------|----------------------------|------------------|---------------|-----------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3846    | 39.4       | 17.5         | 43.1      | 0.7                          | 0.0                        | 2.4              | 362.6         | 378.3           | 381.9        | 302.1                           | .                             | 368.4               |
| Italy                   | 3424   | 3146    | 36.3       | 20.0         | 43.7      | 0.4                          | 0.0                        | 8.1              | 382.8         | 387.2           | 368.0        | 321.1                           | .                             | 339.3               |
| Lebanon                 | 1156   | 784     | 6.7        | 17.6         | 75.7      | 0.2                          | 0.0                        | 32.3             | 397.1         | 409.9           | 416.4        | 332.1                           | .                             | 402.8               |
| Norway                  | 2472   | 2324    | 20.1       | 27.8         | 52.1      | 0.5                          | 0.0                        | 5.6              | 501.0         | 522.0           | 504.7        | 480.7                           | .                             | 484.7               |
| Portugal                | 1783   | 1556    | 12.8       | 17.1         | 70.1      | 0.6                          | 0.0                        | 11.5             | 476.4         | 472.3           | 467.2        | 432.4                           | .                             | 448.3               |
| Russian Federation      | 3822   | 3541    | 12.5       | 15.9         | 71.6      | 0.2                          | 0.0                        | 7.2              | 489.2         | 512.4           | 511.5        | 440.8                           | .                             | 492.0               |
| Slovenia                | 1106   | 1076    | 35.4       | 30.7         | 33.9      | 1.2                          | 0.0                        | 1.6              | 564.9         | 538.7           | 492.2        | 482.5                           | .                             | 499.0               |
| Sweden                  | 3727   | 3545    | 35.6       | 28.1         | 36.4      | 0.2                          | 0.0                        | 4.6              | 452.9         | 472.0           | 447.5        | 349.1                           | .                             | 425.4               |
| United States           | 2932   | 2663    | 27.4       | 23.3         | 49.2      | 0.7                          | 0.0                        | 8.7              | 418.1         | 441.5           | 448.9        | 459.3                           | .                             | 421.0               |
| International Avg (n=9) | 24380  | 22481   | 25.1       | 22.0         | 52.9      | 0.5                          | 0.0                        | 9.1              | 449.4         | 459.3           | 448.7        | 400.0                           | .                             | 431.2               |

Question: In the future, do you want to work in any of the following professional fields. Environmental Sciences  
Location: SQG-11f (PSBG11F)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.Mayb<br>e<br>% | 3.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.Mayb<br>e<br>Mean | 3.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|------------------|-----------|------------------------------|----------------------------|------------------|---------------|---------------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3762    | 9.1        | 24.2             | 66.7      | 0.7                          | 0.0                        | 4.6              | 385.4         | 383.7               | 369.5        | 302.1                           | .                             | 356.5               |
| Italy                   | 3424   | 3028    | 7.8        | 26.6             | 65.6      | 0.4                          | 0.0                        | 11.2             | 382.5         | 382.4               | 374.4        | 321.1                           | .                             | 350.4               |
| Lebanon                 | 1156   | 769     | 3.4        | 18.2             | 78.4      | 0.0                          | 0.0                        | 33.9             | 394.4         | 420.3               | 414.3        | .                               | .                             | 401.3               |
| Norway                  | 2472   | 2316    | 19.5       | 37.8             | 42.7      | 0.5                          | 0.0                        | 5.9              | 519.5         | 527.1               | 487.7        | 480.7                           | .                             | 485.3               |
| Portugal                | 1783   | 1530    | 2.5        | 17.7             | 79.7      | 0.6                          | 0.0                        | 12.9             | 431.0         | 452.4               | 474.1        | 432.4                           | .                             | 451.2               |
| Russian Federation      | 3822   | 3505    | 5.3        | 21.9             | 72.8      | 0.2                          | 0.0                        | 8.2              | 497.2         | 511.6               | 509.8        | 440.8                           | .                             | 486.4               |
| Slovenia                | 1106   | 1072    | 8.7        | 32.6             | 58.7      | 1.2                          | 0.0                        | 2.1              | 523.6         | 542.5               | 526.7        | 482.5                           | .                             | 535.4               |
| Sweden                  | 3727   | 3460    | 15.1       | 36.6             | 48.3      | 0.2                          | 0.0                        | 6.8              | 472.1         | 473.6               | 439.6        | 349.1                           | .                             | 425.8               |
| United States           | 2932   | 2581    | 6.8        | 23.6             | 69.6      | 0.7                          | 0.0                        | 12.1             | 448.0         | 454.2               | 433.8        | 459.3                           | .                             | 420.1               |
| International Avg (n=9) | 24380  | 22023   | 8.7        | 26.6             | 64.7      | 0.5                          | 0.0                        | 10.9             | 450.4         | 460.9               | 447.8        | 408.5                           | .                             | 434.7               |

Question: In the future, do you want to work in any of the following professional fields. Agriculture and Agricultural Sciences  
Location: SQG-11g (PSBG11G)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.Mayb<br>e<br>% | 3.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.Mayb<br>e<br>Mean | 3.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|------------------|-----------|------------------------------|----------------------------|------------------|---------------|---------------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3754    | 2.4        | 8.0              | 89.5      | 0.7                          | 0.0                        | 4.8              | 376.2         | 366.7               | 374.8        | 302.1                           | .                             | 360.9               |
| Italy                   | 3424   | 2962    | 4.1        | 13.9             | 82.0      | 0.4                          | 0.0                        | 13.1             | 372.3         | 376.7               | 379.3        | 321.1                           | .                             | 344.2               |
| Lebanon                 | 1156   | 769     | 3.7        | 16.5             | 79.8      | 0.0                          | 0.0                        | 33.7             | 404.3         | 398.5               | 416.6        | .                               | .                             | 404.3               |
| Norway                  | 2472   | 2290    | 2.9        | 13.5             | 83.6      | 0.5                          | 0.0                        | 7.0              | 508.0         | 513.1               | 508.0        | 480.7                           | .                             | 489.6               |
| Portugal                | 1783   | 1526    | 2.5        | 13.5             | 84.0      | 0.6                          | 0.0                        | 13.1             | 418.4         | 445.3               | 474.0        | 432.4                           | .                             | 454.0               |
| Russian Federation      | 3822   | 3496    | 2.8        | 17.2             | 80.1      | 0.2                          | 0.0                        | 8.6              | 476.1         | 493.0               | 514.5        | 440.8                           | .                             | 485.2               |
| Slovenia                | 1106   | 1071    | 4.8        | 23.7             | 71.4      | 1.2                          | 0.0                        | 2.1              | 523.9         | 537.8               | 530.1        | 482.5                           | .                             | 531.8               |
| Sweden                  | 3727   | 3427    | 3.0        | 17.6             | 79.5      | 0.2                          | 0.0                        | 7.7              | 419.3         | 464.6               | 456.6        | 349.1                           | .                             | 430.7               |
| United States           | 2932   | 2552    | 2.7        | 12.7             | 84.6      | 0.7                          | 0.0                        | 13.0             | 424.5         | 424.2               | 442.0        | 459.3                           | .                             | 423.1               |
| International Avg (n=9) | 24380  | 21847   | 3.2        | 15.2             | 81.6      | 0.5                          | 0.0                        | 11.5             | 435.9         | 446.7               | 455.1        | 408.5                           | .                             | 436.0               |

Question: In the future, do you want to work in any of the following professional fields. Actuarial Sciences  
Location: SQG-11h (PSBG11H)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.Mayb<br>e<br>% | 3.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.Mayb<br>e<br>Mean | 3.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|------------------|-----------|------------------------------|----------------------------|------------------|---------------|---------------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3753    | 2.7        | 12.3             | 85.0      | 0.7                          | 0.0                        | 4.8              | 346.2         | 356.3               | 377.7        | 302.1                           | .                             | 359.6               |
| Italy                   | 3424   | 2932    | 2.8        | 13.9             | 83.3      | 0.4                          | 0.0                        | 14.1             | 360.3         | 379.2               | 378.5        | 321.1                           | .                             | 350.1               |
| Lebanon                 | 1156   | 759     | 3.2        | 15.2             | 81.5      | 0.0                          | 0.0                        | 34.6             | 370.1         | 387.1               | 420.5        | .                               | .                             | 403.4               |
| Norway                  | 2472   | 2309    | 10.7       | 22.4             | 66.9      | 0.5                          | 0.0                        | 6.2              | 524.0         | 502.8               | 508.5        | 480.7                           | .                             | 484.8               |
| Portugal                | 1783   | 1517    | 0.7        | 6.0              | 93.3      | 0.6                          | 0.0                        | 13.6             | 421.1         | 456.2               | 470.0        | 432.4                           | .                             | 454.2               |
| Russian Federation      | 3822   | 3450    | 4.9        | 22.2             | 72.9      | 0.2                          | 0.0                        | 9.9              | 518.1         | 515.3               | 507.7        | 440.8                           | .                             | 487.3               |
| Slovenia                | 1106   | 1066    | 2.8        | 12.3             | 85.0      | 1.2                          | 0.0                        | 2.6              | 471.3         | 531.3               | 533.1        | 482.5                           | .                             | 550.6               |
| Sweden                  | 3727   | 3419    | 3.4        | 22.5             | 74.0      | 0.2                          | 0.0                        | 8.0              | 454.7         | 471.6               | 452.6        | 349.1                           | .                             | 431.4               |
| United States           | 2932   | 2576    | 4.8        | 24.2             | 71.0      | 0.7                          | 0.0                        | 12.4             | 449.8         | 454.2               | 432.9        | 459.3                           | .                             | 425.2               |
| International Avg (n=9) | 24380  | 21781   | 4.0        | 16.8             | 79.2      | 0.5                          | 0.0                        | 11.8             | 435.1         | 450.4               | 453.5        | 408.5                           | .                             | 438.5               |

Question: In the future, do you want to work in any of the following professional fields. Other Fields  
Location: SQG-11i (PSBG11I)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.Mayb<br>e<br>% | 3.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.Mayb<br>e<br>Mean | 3.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|------------------|-----------|------------------------------|----------------------------|------------------|---------------|---------------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3766    | 31.0       | 31.5             | 37.5      | 0.7                          | 0.0                        | 4.6              | 357.4         | 389.4               | 374.5        | 302.1                           | .                             | 365.8               |
| Italy                   | 3424   | 2751    | 41.1       | 28.9             | 30.0      | 0.4                          | 0.0                        | 19.2             | 352.4         | 391.7               | 397.5        | 321.1                           | .                             | 361.1               |
| Lebanon                 | 1156   | 796     | 20.2       | 42.0             | 37.8      | 0.1                          | 0.0                        | 30.4             | 409.1         | 413.3               | 417.9        | 337.1                           | .                             | 401.1               |
| Norway                  | 2472   | 2299    | 33.1       | 49.7             | 17.2      | 0.5                          | 0.0                        | 6.6              | 488.9         | 519.0               | 518.8        | 480.7                           | .                             | 484.3               |
| Portugal                | 1783   | 1541    | 19.7       | 38.5             | 41.8      | 0.7                          | 0.0                        | 12.9             | 446.1         | 463.7               | 482.7        | 439.7                           | .                             | 457.5               |
| Russian Federation      | 3822   | 3533    | 33.8       | 46.1             | 20.0      | 0.2                          | 0.0                        | 7.7              | 491.5         | 522.7               | 505.5        | 440.8                           | .                             | 495.0               |
| Slovenia                | 1106   | 1059    | 27.8       | 44.8             | 27.4      | 1.2                          | 0.0                        | 3.2              | 510.7         | 551.0               | 520.4        | 482.5                           | .                             | 540.1               |
| Sweden                  | 3727   | 3433    | 37.4       | 49.5             | 13.0      | 0.2                          | 0.0                        | 7.5              | 440.1         | 469.2               | 455.1        | 349.1                           | .                             | 435.6               |
| United States           | 2932   | 2631    | 28.7       | 41.7             | 29.7      | 0.7                          | 0.0                        | 10.9             | 407.9         | 449.8               | 453.9        | 459.3                           | .                             | 422.5               |
| International Avg (n=9) | 24380  | 21809   | 30.3       | 41.4             | 28.3      | 0.5                          | 0.0                        | 11.4             | 433.8         | 463.3               | 458.5        | 401.4                           | .                             | 440.3               |

Question: Was your mother (or stepmother or female guardian) born in <country>  
Location: SQG-12A (PSBG12A)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | 3.I<br>don't<br>know<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | 3.I<br>don't<br>know<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|---------------------------|------------------------------|----------------------------|------------------|---------------|--------------|------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3943    | 86.0       | 13.6      | 0.4                       | 0.7                          | 0.0                        | 0.1              | 377.0         | 355.4        | 276.1                        | 302.1                           | .                             | 303.8               |
| Italy                   | 3424   | 3375    | 92.2       | 7.3       | 0.5                       | 0.4                          | 0.0                        | 1.1              | 375.3         | 371.6        | 354.0                        | 321.1                           | .                             | 310.4               |
| Lebanon                 | 1156   | 1144    | 92.9       | 5.8       | 1.2                       | 0.1                          | 0.0                        | 0.9              | 411.5         | 407.6        | 348.7                        | 296.4                           | .                             | 382.6               |
| Norway                  | 2472   | 2447    | 85.6       | 14.3      | 0.1                       | 0.5                          | 0.0                        | 0.5              | 512.6         | 478.0        | 474.6                        | 480.7                           | .                             | 466.4               |
| Portugal                | 1783   | 1772    | 87.7       | 12.1      | 0.2                       | 0.6                          | 0.0                        | 0.0              | 466.9         | 466.6        | 445.4                        | 432.4                           | .                             | .                   |
| Russian Federation      | 3822   | 3809    | 89.9       | 9.7       | 0.5                       | 0.2                          | 0.0                        | 0.1              | 507.0         | 514.4        | 493.6                        | 440.8                           | .                             | 512.7               |
| Slovenia                | 1106   | 1088    | 93.7       | 6.3       | 0.1                       | 1.3                          | 0.0                        | 0.4              | 534.9         | 482.3        | 601.0                        | 484.1                           | .                             | 539.7               |
| Sweden                  | 3727   | 3704    | 73.4       | 26.5      | 0.1                       | 0.2                          | 0.0                        | 0.4              | 473.0         | 404.8        | 415.2                        | 356.8                           | .                             | 455.2               |
| United States           | 2932   | 2911    | 62.7       | 36.9      | 0.4                       | 0.7                          | 0.0                        | 0.2              | 452.4         | 413.4        | 291.2                        | 459.3                           | .                             | 362.1               |
| International Avg (n=9) | 24380  | 24193   | 84.9       | 14.7      | 0.4                       | 0.5                          | 0.0                        | 0.4              | 456.7         | 432.7        | 411.1                        | 397.1                           | .                             | 416.6               |

Question: Was your father (or stepfather or male guardian) born in <country>  
Location: SQG-12B (PSBG12B)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | 3.I<br>don't<br>know<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | 3.I<br>don't<br>know<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|---------------------------|------------------------------|----------------------------|------------------|---------------|--------------|------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3940    | 85.0       | 14.1      | 0.9                       | 0.7                          | 0.0                        | 0.1              | 377.4         | 354.2        | 318.8                        | 302.1                           | .                             | 347.0               |
| Italy                   | 3424   | 3349    | 94.0       | 5.2       | 0.8                       | 0.4                          | 0.0                        | 1.8              | 374.7         | 387.4        | 342.1                        | 321.1                           | .                             | 323.7               |
| Lebanon                 | 1156   | 1147    | 96.7       | 2.3       | 1.0                       | 0.0                          | 0.0                        | 0.8              | 412.3         | 366.5        | 363.7                        | .                               | .                             | 334.6               |
| Norway                  | 2472   | 2447    | 86.1       | 13.7      | 0.3                       | 0.5                          | 0.0                        | 0.5              | 512.7         | 476.2        | 466.2                        | 480.7                           | .                             | 470.0               |
| Portugal                | 1783   | 1772    | 88.2       | 11.5      | 0.3                       | 0.6                          | 0.0                        | 0.0              | 466.6         | 467.8        | 477.7                        | 432.4                           | .                             | .                   |
| Russian Federation      | 3822   | 3804    | 87.4       | 10.8      | 1.7                       | 0.2                          | 0.0                        | 0.3              | 509.3         | 499.7        | 483.9                        | 440.8                           | .                             | 442.2               |
| Slovenia                | 1106   | 1088    | 92.7       | 6.8       | 0.6                       | 1.3                          | 0.0                        | 0.4              | 533.7         | 501.0        | 550.4                        | 484.1                           | .                             | 539.7               |
| Sweden                  | 3727   | 3705    | 74.3       | 25.4      | 0.3                       | 0.2                          | 0.0                        | 0.3              | 473.8         | 401.1        | 405.0                        | 356.8                           | .                             | 394.0               |
| United States           | 2932   | 2907    | 61.6       | 37.2      | 1.2                       | 0.7                          | 0.0                        | 0.3              | 452.8         | 414.8        | 342.4                        | 459.3                           | .                             | 376.5               |
| International Avg (n=9) | 24380  | 24159   | 85.1       | 14.1      | 0.8                       | 0.5                          | 0.0                        | 0.5              | 457.0         | 429.8        | 416.7                        | 409.6                           | .                             | 403.5               |

Question: Were you born in <country>

Location: SQG-13A (PSBG13A)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3943    | 95.8       | 4.2       | 0.7                          | 0.0                        | 0.1              | 374.5         | 351.5        | 302.1                           | .                             | 426.0               |
| Italy                   | 3424   | 3396    | 97.5       | 2.5       | 0.4                          | 0.0                        | 0.4              | 375.0         | 343.6        | 321.1                           | .                             | 365.9               |
| Lebanon                 | 1156   | 1150    | 93.0       | 7.0       | 0.0                          | 0.0                        | 0.6              | 409.9         | 408.7        | .                               | .                             | 464.4               |
| Norway                  | 2472   | 2449    | 92.3       | 7.7       | 0.5                          | 0.0                        | 0.4              | 511.3         | 461.9        | 480.7                           | .                             | 482.2               |
| Portugal                | 1783   | 1772    | 94.8       | 5.2       | 0.6                          | 0.0                        | 0.0              | 467.2         | 459.9        | 432.4                           | .                             | .                   |
| Russian Federation      | 3822   | 3813    | 95.7       | 4.3       | 0.2                          | 0.0                        | 0.0              | 508.0         | 499.9        | 440.8                           | .                             | 644.8               |
| Slovenia                | 1106   | 1089    | 99.1       | 0.9       | 1.3                          | 0.0                        | 0.3              | 532.1         | 493.4        | 484.1                           | .                             | 502.2               |
| Sweden                  | 3727   | 3710    | 88.2       | 11.8      | 0.2                          | 0.0                        | 0.2              | 463.8         | 387.2        | 356.8                           | .                             | 479.7               |
| United States           | 2932   | 2913    | 86.0       | 14.0      | 0.7                          | 0.0                        | 0.3              | 439.8         | 420.4        | 459.3                           | .                             | 458.6               |
| International Avg (n=9) | 24380  | 24235   | 93.6       | 6.4       | 0.5                          | 0.0                        | 0.3              | 453.5         | 425.2        | 409.6                           | .                             | 478.0               |



Question: If you were not born in <country>, how old were you when you came to <country>  
Location: SQG-13B (PSBG13B)

| Country                 | Sample | Valid N | 1.Older<br>than<br>15<br>years<br>old<br>% | 2.11<br>to 15<br>years<br>old<br>% | 3.5<br>to 10<br>years<br>old<br>% | 4.Younger<br>than<br>5<br>years<br>old<br>% | Not<br>Admini-<br>stered<br>% | Not<br>Applic-<br>able<br>% | Omitte-<br>d<br>% | 1.Older<br>than<br>15<br>years<br>old<br>Mean | 2.11<br>to 15<br>years<br>old<br>Mean | 3.5<br>to 10<br>years<br>old<br>Mean | 4.Younger<br>than<br>5<br>years<br>old<br>Mean | Not<br>Admini-<br>stered<br>Mean | Not<br>Applic-<br>able<br>Mean | Omitte-<br>d<br>Mean |
|-------------------------|--------|---------|--|------------------------------------|-----------------------------------|---|-------------------------------|-----------------------------|-------------------|---|---------------------------------------|--------------------------------------|--|----------------------------------|--------------------------------|----------------------|
| France                  | 3958   | 3943    | 0.6  | 0.7                                | 1.2                               | 1.7   | 0.7                           | 95.8                        | 0.1               | 349.8   | 334.4                                 | 348.9                                | 361.1  | 302.1                            | 374.5                          | 426.0                |
| Italy                   | 3424   | 3390    | 0.2  | 0.4                                | 0.8                               | 0.8   | 0.4                           | 97.7                        | 0.7               | 355.4   | 330.1                                 | 370.6                                | 359.0  | 321.1                            | 375.0                          | 311.4                |
| Lebanon                 | 1156   | 1145    | 0.4  | 0.6                                | 1.9                               | 3.8   | 0.0                           | 93.3                        | 0.9               | 350.2   | 386.9                                 | 423.6                                | 417.1  | .                                | 409.9                          | 415.6                |
| Norway                  | 2472   | 2448    | 1.0  | 2.0                                | 1.6                               | 3.1   | 0.5                           | 92.3                        | 0.5               | 393.5   | 448.4                                 | 446.7                                | 500.0  | 480.7                            | 511.3                          | 490.2                |
| Portugal                | 1783   | 1768    | 0.1  | 0.9                                | 1.7                               | 2.2   | 0.8                           | 95.1                        | 0.0               | 340.5   | 421.2                                 | 466.1                                | 483.7  | 427.6                            | 467.2                          | .                    |
| Russian Federation      | 3822   | 3807    | 0.4  | 0.9                                | 0.9                               | 2.1   | 0.2                           | 95.8                        | 0.1               | 469.1   | 530.4                                 | 514.9                                | 483.3  | 440.8                            | 508.0                          | 547.5                |
| Slovenia                | 1106   | 1087    | 0.1  | 0.1                                | 0.4                               | 0.1   | 1.3                           | 99.3                        | 0.5               | 491.2   | 550.3                                 | 496.0                                | 584.5  | 484.1                            | 532.1                          | 475.1                |
| Sweden                  | 3727   | 3702    | 1.5  | 2.9                                | 3.2                               | 3.9   | 0.2                           | 88.5                        | 0.6               | 356.2   | 364.6                                 | 395.0                                | 405.6  | 356.8                            | 463.8                          | 450.7                |
| United States           | 2932   | 2913    | 2.2  | 3.3                                | 4.1                               | 4.4   | 0.7                           | 86.0                        | 0.3               | 471.8   | 413.2                                 | 435.8                                | 386.1  | 459.3                            | 439.8                          | 458.6                |
| International Avg (n=9) | 24380  | 24203   | 0.7  | 1.3                                | 1.7                               | 2.5   | 0.5                           | 93.8                        | 0.4               | 397.5   | 419.9                                 | 433.1                                | 442.3  | 409.0                            | 453.5                          | 446.9                |

Question: How much time do you spend in physics class each week  
Location: SQP-14 (PSBP14)

| Country                 | Sample | Valid N | Not<br>Adm.<br>% | Not<br>App.<br>% | Omitt<br>ed<br>% | Mean  | Mode  | Min   | P5    | P10   | Q1    | Median | Q3    | P90   | P95   | Max   |
|-------------------------|--------|---------|------------------|------------------|------------------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| France                  | 3958   | .       | .                | .                | .                | .     | .     | .     | .     | .     | .     | .      | .     | .     | .     | .     |
| Italy                   | 3424   | 3354    | 0.9              | 0.0              | 1.4              | 174.9 | 180.0 | 0.0   | 120.0 | 150.0 | 180.0 | 180.0  | 180.0 | 180.0 | 180.0 | 1800  |
| Lebanon                 | 1156   | 1105    | 1.5              | 0.0              | 2.5              | 443.6 | 420.0 | 60.0  | 275.0 | 315.0 | 350.0 | 400.0  | 420.0 | 550.0 | 700.0 | 2400  |
| Norway                  | 2472   | 2439    | 0.5              | 0.0              | 0.9              | 229.0 | 225.0 | 5.0   | 180.0 | 200.0 | 225.0 | 225.0  | 225.0 | 248.0 | 300.0 | 864.0 |
| Portugal                | 1783   | 1768    | 0.6              | 0.0              | 0.1              | 178.1 | 180.0 | 0.0   | 150.0 | 150.0 | 180.0 | 180.0  | 180.0 | 180.0 | 200.0 | 420.0 |
| Russian Federation      | 3822   | 3803    | 0.2              | 0.0              | 0.3              | 249.6 | 225.0 | 100.0 | 180.0 | 200.0 | 225.0 | 225.0  | 270.0 | 315.0 | 360.0 | 900.0 |
| Slovenia                | 1106   | 1080    | 1.3              | 0.0              | 1.2              | 180.0 | 180.0 | 4.0   | 135.0 | 180.0 | 180.0 | 180.0  | 180.0 | 180.0 | 225.0 | 270.0 |
| Sweden                  | 3727   | 3636    | 0.3              | 0.0              | 1.9              | 177.4 | 180.0 | 0.0   | 120.0 | 120.0 | 150.0 | 180.0  | 200.0 | 240.0 | 260.0 | 2000  |
| United States           | 2932   | 2904    | 0.7              | 0.0              | 0.7              | 244.7 | 250.0 | 0.0   | 0.0   | 54.0  | 220.0 | 250.0  | 300.0 | 360.0 | 450.0 | 2125  |
| International Avg (n=8) | 24380  | 20089   | 0.8              | 0.0              | 1.1              | 234.7 | 230.0 | 21.1  | 145.0 | 171.1 | 213.8 | 227.5  | 244.4 | 281.6 | 334.4 | 1347  |

Question: How much time do you spend on physics outside of class each week

Location: SQP-15 (PSBP15)

| Country                 | Sample | Valid N | Not<br>Adm.<br>% | Not<br>App.<br>% | Omitt<br>ed<br>% | Mean  | Mode  | Min  | P5   | P10   | Q1    | Median | Q3    | P90   | P95   | Max   |
|-------------------------|--------|---------|------------------|------------------|------------------|-------|-------|------|------|-------|-------|--------|-------|-------|-------|-------|
| France                  | 3958   | 3865    | 0.7              | 0.0              | 2.2              | 124.0 | 120.0 | 0.0  | 15.0 | 30.0  | 60.0  | 120.0  | 180.0 | 240.0 | 300.0 | 2400  |
| Italy                   | 3424   | 3290    | 1.2              | 0.0              | 3.0              | 136.1 | 120.0 | 0.0  | 10.0 | 30.0  | 60.0  | 120.0  | 180.0 | 240.0 | 300.0 | 2400  |
| Lebanon                 | 1156   | 1103    | 1.3              | 0.0              | 2.7              | 326.9 | 180.0 | 60.0 | 60.0 | 100.0 | 150.0 | 240.0  | 420.0 | 630.0 | 840.0 | 2160  |
| Norway                  | 2472   | 2407    | 0.5              | 0.0              | 2.1              | 107.8 | 60.0  | 0.0  | 5.0  | 20.0  | 50.0  | 90.0   | 140.0 | 210.0 | 300.0 | 1800  |
| Portugal                | 1783   | 1757    | 0.6              | 0.0              | 1.1              | 104.0 | 60.0  | 0.0  | 0.0  | 2.0   | 30.0  | 90.0   | 135.0 | 220.0 | 270.0 | 1800  |
| Russian Federation      | 3822   | 3708    | 0.2              | 0.0              | 3.1              | 183.2 | 120.0 | 0.0  | 0.0  | 30.0  | 90.0  | 150.0  | 240.0 | 360.0 | 480.0 | 1260  |
| Slovenia                | 1106   | 1077    | 1.2              | 0.0              | 1.5              | 48.5  | 60.0  | 0.0  | 0.0  | 0.0   | 10.0  | 30.0   | 60.0  | 120.0 | 180.0 | 450.0 |
| Sweden                  | 3727   | 3633    | 0.4              | 0.0              | 2.0              | 70.5  | 60.0  | 0.0  | 0.0  | 0.0   | 20.0  | 60.0   | 90.0  | 170.0 | 200.0 | 1200  |
| United States           | 2932   | 2900    | 0.7              | 0.0              | 0.5              | 104.4 | 0.0   | 0.0  | 0.0  | 0.0   | 30.0  | 60.0   | 150.0 | 240.0 | 300.0 | 1260  |
| International Avg (n=9) | 24380  | 23740   | 0.8              | 0.0              | 2.0              | 133.9 | 86.7  | 6.7  | 10.0 | 23.6  | 55.6  | 106.7  | 177.2 | 270.0 | 352.2 | 1637  |

Question: During the school year, do you work at a paid job on a regular basis  
Location: SQP-16A (PSBP16A)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3944    | 4.0        | 96.0      | 0.7                          | 0.0                        | 0.0              | 336.9         | 375.1        | 302.1                           | .                             | 356.3               |
| Italy                   | 3424   | 3372    | 9.3        | 90.7      | 0.6                          | 0.0                        | 1.0              | 353.1         | 376.7        | 315.4                           | .                             | 350.6               |
| Lebanon                 | 1156   | 1129    | 8.9        | 91.1      | 0.1                          | 0.0                        | 2.1              | 384.1         | 413.8        | 347.8                           | .                             | 367.0               |
| Norway                  | 2472   | 2452    | 49.2       | 50.8      | 0.5                          | 0.0                        | 0.3              | 498.6         | 516.3        | 480.7                           | .                             | 445.9               |
| Portugal                | 1783   | 1771    | 5.4        | 94.6      | 0.6                          | 0.0                        | 0.0              | 451.6         | 467.7        | 432.4                           | .                             | 513.9               |
| Russian Federation      | 3822   | 3814    | 6.7        | 93.3      | 0.2                          | 0.0                        | 0.0              | 478.2         | 509.8        | 440.8                           | .                             | .                   |
| Slovenia                | 1106   | 1085    | 19.3       | 80.7      | 1.3                          | 0.0                        | 0.7              | 506.5         | 537.6        | 484.1                           | .                             | 539.9               |
| Sweden                  | 3727   | 3701    | 30.9       | 69.1      | 0.3                          | 0.0                        | 0.3              | 460.5         | 452.5        | 379.0                           | .                             | 420.8               |
| United States           | 2932   | 2918    | 33.4       | 66.6      | 0.7                          | 0.0                        | 0.1              | 416.3         | 447.7        | 459.3                           | .                             | 337.8               |
| International Avg (n=9) | 24380  | 24186   | 18.5       | 81.5      | 0.5                          | 0.0                        | 0.5              | 431.7         | 455.2        | 404.6                           | .                             | 416.5               |

Question: How much time do you spend working at the paid job each week  
Location: SQP-16B (PSBP16B)

| Country                 | Sample | Valid N | Not<br>Adm.<br>% | Not<br>App.<br>% | Omitt<br>ed<br>% | Mean  | Mode  | Min  | P5    | P10   | Q1    | Median | Q3    | P90   | P95  | Max  |
|-------------------------|--------|---------|------------------|------------------|------------------|-------|-------|------|-------|-------|-------|--------|-------|-------|------|------|
| France                  | 3958   | 3923    | 0.7              | 96.5             | 0.6              | 376.7 | 120.0 | 2.0  | 60.0  | 90.0  | 120.0 | 300.0  | 540.0 | 720.0 | 1000 | 2100 |
| Italy                   | 3424   | 3334    | 0.8              | 91.7             | 1.9              | 500.0 | 120.0 | 1.0  | 60.0  | 120.0 | 180.0 | 360.0  | 600.0 | 1080  | 1500 | 2400 |
| Lebanon                 | 1156   | 1091    | 0.2              | 93.3             | 4.3              | 527.6 | 180.0 | 60.0 | 120.0 | 120.0 | 180.0 | 480.0  | 720.0 | 1000  | 1500 | 2160 |
| Norway                  | 2472   | 2426    | 0.5              | 51.4             | 1.4              | 536.5 | 360.0 | 0.0  | 90.0  | 125.0 | 240.0 | 435.0  | 720.0 | 1065  | 1350 | 2400 |
| Portugal                | 1783   | 1765    | 0.7              | 94.9             | 0.2              | 581.2 | 360.0 | 30.0 | 60.0  | 120.0 | 270.0 | 480.0  | 720.0 | 1200  | 1650 | 2000 |
| Russian Federation      | 3822   | 3772    | 0.2              | 94.4             | 1.1              | 699.1 | 240.0 | 7.0  | 70.0  | 120.0 | 240.0 | 480.0  | 960.0 | 1680  | 2100 | 2400 |
| Slovenia                | 1106   | 1073    | 1.3              | 81.8             | 2.0              | 439.4 | 300.0 | 5.0  | 40.0  | 60.0  | 120.0 | 300.0  | 600.0 | 960.0 | 1440 | 1800 |
| Sweden                  | 3727   | 3656    | 0.3              | 69.9             | 1.4              | 441.0 | 240.0 | 0.0  | 90.0  | 120.0 | 210.0 | 360.0  | 600.0 | 900.0 | 1200 | 2400 |
| United States           | 2932   | 2890    | 0.7              | 67.2             | 0.9              | 887.7 | 1200  | 0.0  | 120.0 | 200.0 | 480.0 | 900.0  | 1200  | 1500  | 1800 | 2400 |
| International Avg (n=9) | 24380  | 23930   | 0.6              | 82.4             | 1.5              | 554.4 | 346.7 | 11.7 | 78.9  | 119.4 | 226.7 | 455.0  | 740.0 | 1123  | 1504 | 2229 |

Question: During the last 12 months, have you attended extra lessons or tutoring not provided by the school in physics  
 Location: SQP-17A (PSBP17A)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3940    | 19.6       | 80.4      | 0.7                          | 0.0                        | 0.2              | 332.5         | 383.5        | 302.1                           | .                             | 370.5               |
| Italy                   | 3424   | 3380    | 16.7       | 83.3      | 0.6                          | 0.0                        | 0.7              | 362.4         | 377.3        | 315.4                           | .                             | 299.8               |
| Lebanon                 | 1156   | 1135    | 14.7       | 85.3      | 0.0                          | 0.0                        | 1.6              | 370.1         | 418.3        | .                               | .                             | 345.4               |
| Norway                  | 2472   | 2457    | 3.1        | 96.9      | 0.5                          | 0.0                        | 0.1              | 449.1         | 509.4        | 480.7                           | .                             | 388.3               |
| Portugal                | 1783   | 1771    | 27.2       | 72.8      | 0.6                          | 0.0                        | 0.0              | 465.9         | 467.1        | 432.4                           | .                             | 516.1               |
| Russian Federation      | 3822   | 3811    | 52.1       | 47.9      | 0.2                          | 0.0                        | 0.1              | 532.0         | 481.3        | 440.8                           | .                             | 384.7               |
| Slovenia                | 1106   | 1091    | 8.5        | 91.5      | 1.3                          | 0.0                        | 0.2              | 485.0         | 536.1        | 484.1                           | .                             | 463.8               |
| Sweden                  | 3727   | 3704    | 8.7        | 91.3      | 0.3                          | 0.0                        | 0.3              | 409.2         | 459.5        | 379.0                           | .                             | 348.1               |
| United States           | 2932   | 2914    | 10.8       | 89.2      | 0.7                          | 0.0                        | 0.1              | 388.0         | 443.2        | 459.3                           | .                             | 372.8               |
| International Avg (n=9) | 24380  | 24203   | 17.9       | 82.1      | 0.5                          | 0.0                        | 0.4              | 421.6         | 452.9        | 411.7                           | .                             | 387.7               |

Question: Why did you attend these extra lessons or tutoring. To excel in class  
Location: SQP-17Ba (PSBP17BA)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3938    | 4.6        | 14.9      | 0.7                          | 80.5                       | 0.2              | 365.4         | 322.1        | 302.1                           | 383.5                         | 380.2               |
| Italy                   | 3424   | 3357    | 2.5        | 13.5      | 0.6                          | 84.0                       | 1.5              | 404.8         | 357.0        | 315.4                           | 377.3                         | 312.0               |
| Lebanon                 | 1156   | 1125    | 6.9        | 7.1       | 0.1                          | 86.0                       | 2.4              | 377.1         | 366.1        | 273.2                           | 418.3                         | 348.3               |
| Norway                  | 2472   | 2450    | 1.9        | 1.0       | 0.5                          | 97.1                       | 0.4              | 432.3         | 482.5        | 480.7                           | 509.4                         | 430.7               |
| Portugal                | 1783   | 1762    | 16.3       | 10.3      | 0.7                          | 73.4                       | 0.6              | 467.6         | 466.9        | 434.3                           | 467.1                         | 417.3               |
| Russian Federation      | 3822   | 3722    | 20.6       | 30.4      | 0.2                          | 49.0                       | 2.3              | 540.1         | 528.8        | 440.8                           | 481.3                         | 496.8               |
| Slovenia                | 1106   | 1087    | 3.5        | 4.6       | 1.3                          | 91.9                       | 0.6              | 461.7         | 505.9        | 484.1                           | 536.1                         | 456.9               |
| Sweden                  | 3727   | 3691    | 4.9        | 3.4       | 0.3                          | 91.7                       | 0.6              | 437.2         | 368.9        | 379.0                           | 459.5                         | 385.6               |
| United States           | 2932   | 2911    | 6.8        | 3.8       | 0.7                          | 89.4                       | 0.3              | 381.2         | 408.0        | 459.3                           | 443.2                         | 282.8               |
| International Avg (n=9) | 24380  | 24043   | 7.5        | 9.9       | 0.6                          | 82.6                       | 1.0              | 429.7         | 422.9        | 396.5                           | 452.9                         | 390.1               |

Question: Why did you attend these extra lessons or tutoring. To keep up in class  
Location: SQP-17Bb (PSBP17BB)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3938    | 12.9       | 6.6       | 0.7                          | 80.5                       | 0.2              | 324.6         | 347.4        | 302.1                           | 383.5                         | 380.2               |
| Italy                   | 3424   | 3357    | 10.6       | 5.4       | 0.6                          | 84.0                       | 1.5              | 340.2         | 410.9        | 315.4                           | 377.3                         | 316.6               |
| Lebanon                 | 1156   | 1128    | 5.9        | 8.4       | 0.0                          | 85.7                       | 2.1              | 376.9         | 366.0        | .                               | 418.3                         | 347.6               |
| Norway                  | 2472   | 2450    | 1.9        | 1.0       | 0.5                          | 97.1                       | 0.4              | 428.9         | 488.7        | 480.7                           | 509.4                         | 430.7               |
| Portugal                | 1783   | 1763    | 17.5       | 9.1       | 0.7                          | 73.4                       | 0.6              | 455.6         | 489.4        | 434.3                           | 467.1                         | 419.5               |
| Russian Federation      | 3822   | 3722    | 14.4       | 36.6      | 0.2                          | 48.9                       | 2.2              | 517.6         | 538.9        | 440.8                           | 481.3                         | 507.1               |
| Slovenia                | 1106   | 1087    | 3.0        | 5.0       | 1.3                          | 91.9                       | 0.6              | 417.3         | 528.6        | 484.1                           | 536.1                         | 456.9               |
| Sweden                  | 3727   | 3691    | 4.0        | 4.4       | 0.3                          | 91.6                       | 0.6              | 385.8         | 431.5        | 379.0                           | 459.5                         | 374.0               |
| United States           | 2932   | 2911    | 6.8        | 3.8       | 0.7                          | 89.4                       | 0.3              | 371.2         | 425.3        | 459.3                           | 443.2                         | 282.8               |
| International Avg (n=9) | 24380  | 24047   | 8.6        | 8.9       | 0.6                          | 82.5                       | 0.9              | 402.0         | 447.4        | 412.0                           | 452.9                         | 390.6               |



Question: Why did you attend these extra lessons or tutoring. To do well on an examination  
Location: SQP-17Bc (PSBP17BC)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3936    | 16.1       | 3.4       | 0.7                          | 80.5                       | 0.3              | 330.2         | 343.3        | 302.1                           | 383.5                         | 364.5               |
| Italy                   | 3424   | 3358    | 7.8        | 8.2       | 0.6                          | 84.0                       | 1.5              | 361.1         | 367.1        | 315.4                           | 377.3                         | 312.9               |
| Lebanon                 | 1156   | 1127    | 10.3       | 3.9       | 0.0                          | 85.7                       | 2.1              | 362.8         | 393.0        | .                               | 418.3                         | 344.8               |
| Norway                  | 2472   | 2450    | 2.0        | 0.9       | 0.5                          | 97.1                       | 0.4              | 426.7         | 495.9        | 480.7                           | 509.4                         | 430.7               |
| Portugal                | 1783   | 1764    | 20.4       | 6.2       | 0.7                          | 73.3                       | 0.5              | 462.5         | 483.0        | 434.3                           | 467.1                         | 410.2               |
| Russian Federation      | 3822   | 3722    | 48.0       | 3.0       | 0.2                          | 48.9                       | 2.2              | 533.5         | 528.5        | 440.8                           | 481.3                         | 501.0               |
| Slovenia                | 1106   | 1087    | 6.6        | 1.4       | 1.3                          | 91.9                       | 0.6              | 458.1         | 620.7        | 484.1                           | 536.1                         | 456.9               |
| Sweden                  | 3727   | 3692    | 7.4        | 1.0       | 0.3                          | 91.6                       | 0.6              | 404.6         | 442.1        | 379.0                           | 459.5                         | 381.8               |
| United States           | 2932   | 2912    | 8.7        | 2.0       | 0.7                          | 89.4                       | 0.3              | 379.4         | 441.5        | 459.3                           | 443.2                         | 280.5               |
| International Avg (n=9) | 24380  | 24048   | 14.1       | 3.3       | 0.6                          | 82.5                       | 1.0              | 413.2         | 457.2        | 412.0                           | 452.9                         | 387.0               |

Question: For how many of the last 12 months have you attended extra lessons or tutoring in physics  
Location: SQP-17C (PSBP17C)

| Country                 | Sample | Valid N | 1.Less<br>than<br>4<br>months<br>% | 2.4-8<br>months<br>% | 3.More<br>than<br>8<br>months<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Less<br>than<br>4<br>months<br>Mean | 2.4-8<br>months<br>Mean | 3.More<br>than<br>8<br>months<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------------------------------|----------------------|------------------------------------|------------------------------|----------------------------|------------------|---------------------------------------|-------------------------|---------------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3938    | 10.4                               | 6.0                  | 3.1                                | 0.7                          | 80.5                       | 0.2              | 331.2                                 | 334.8                   | 331.2                                 | 302.1                           | 383.5                         | 380.2               |
| Italy                   | 3424   | 3361    | 10.5                               | 3.6                  | 2.0                                | 0.6                          | 83.9                       | 1.4              | 368.3                                 | 362.2                   | 344.9                                 | 315.4                           | 377.3                         | 311.9               |
| Lebanon                 | 1156   | 1123    | 9.7                                | 3.7                  | 0.6                                | 0.1                          | 86.0                       | 2.3              | 365.6                                 | 377.8                   | 385.0                                 | 340.8                           | 418.3                         | 356.9               |
| Norway                  | 2472   | 2454    | 2.1                                | 0.5                  | 0.5                                | 0.5                          | 97.0                       | 0.2              | 455.7                                 | 400.8                   | 460.5                                 | 480.7                           | 509.4                         | 433.2               |
| Portugal                | 1783   | 1764    | 9.2                                | 10.5                 | 7.0                                | 0.7                          | 73.3                       | 0.5              | 468.4                                 | 480.9                   | 445.4                                 | 434.3                           | 467.1                         | 410.2               |
| Russian Federation      | 3822   | 3722    | 15.1                               | 23.6                 | 12.3                               | 0.2                          | 49.0                       | 2.2              | 516.2                                 | 540.0                   | 538.7                                 | 440.8                           | 481.3                         | 512.0               |
| Slovenia                | 1106   | 1085    | 6.2                                | 0.8                  | 0.9                                | 1.3                          | 92.1                       | 0.8              | 498.8                                 | 439.9                   | 477.4                                 | 484.1                           | 536.1                         | 428.1               |
| Sweden                  | 3727   | 3673    | 5.2                                | 1.8                  | 0.9                                | 0.3                          | 92.1                       | 1.1              | 395.5                                 | 451.6                   | 412.0                                 | 379.0                           | 459.5                         | 389.0               |
| United States           | 2932   | 2911    | 8.1                                | 1.9                  | 0.6                                | 0.7                          | 89.4                       | 0.3              | 387.5                                 | 404.5                   | 396.4                                 | 459.3                           | 443.2                         | 278.3               |
| International Avg (n=9) | 24380  | 24031   | 8.5                                | 5.8                  | 3.1                                | 0.6                          | 82.6                       | 1.0              | 420.8                                 | 421.4                   | 421.3                                 | 404.1                           | 452.9                         | 388.9               |

Question: How much do you agree with these statements about your physics lessons. The teacher clearly communicates the purpose of each physics lesson  
Location: SQP-18a (PSBP18A)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3939    | 30.8                      | 46.3                         | 18.0                               | 5.0                          | 0.7                          | 0.0                        | 0.2              | 390.1                        | 371.8                           | 360.7                                 | 334.5                           | 302.1                           | .                             | 334.8               |
| Italy                   | 3424   | 3366    | 29.6                      | 40.2                         | 19.4                               | 10.8                         | 0.6                          | 0.0                        | 1.2              | 377.1                        | 379.9                           | 379.3                                 | 341.3                           | 315.4                           | .                             | 330.7               |
| Lebanon                 | 1156   | 1117    | 70.8                      | 19.5                         | 4.9                                | 4.8                          | 0.0                          | 0.0                        | 3.0              | 417.1                        | 404.3                           | 377.4                                 | 394.9                           | .                               | .                             | 364.1               |
| Norway                  | 2472   | 2450    | 44.7                      | 40.6                         | 11.5                               | 3.1                          | 0.5                          | 0.0                        | 0.4              | 517.0                        | 505.6                           | 486.7                                 | 476.1                           | 480.7                           | .                             | 452.1               |
| Portugal                | 1783   | 1770    | 54.5                      | 27.5                         | 12.1                               | 6.0                          | 0.6                          | 0.0                        | 0.1              | 466.0                        | 465.5                           | 475.5                                 | 462.6                           | 432.4                           | .                             | 450.9               |
| Russian Federation      | 3822   | 3800    | 63.6                      | 28.7                         | 6.5                                | 1.1                          | 0.2                          | 0.0                        | 0.3              | 518.0                        | 495.8                           | 465.7                                 | 483.4                           | 440.8                           | .                             | 450.7               |
| Slovenia                | 1106   | 1087    | 36.5                      | 47.6                         | 13.1                               | 2.8                          | 1.3                          | 0.0                        | 0.5              | 553.5                        | 530.2                           | 500.9                                 | 424.6                           | 484.1                           | .                             | 474.4               |
| Sweden                  | 3727   | 3699    | 30.7                      | 47.8                         | 17.1                               | 4.3                          | 0.3                          | 0.0                        | 0.3              | 463.1                        | 459.4                           | 438.8                                 | 414.7                           | 379.0                           | .                             | 380.6               |
| United States           | 2932   | 2896    | 46.5                      | 33.5                         | 13.7                               | 6.2                          | 0.7                          | 0.0                        | 1.4              | 454.8                        | 437.1                           | 406.0                                 | 381.3                           | 459.3                           | .                             | 406.0               |
| International Avg (n=9) | 24380  | 24124   | 45.3                      | 36.9                         | 12.9                               | 4.9                          | 0.5                          | 0.0                        | 0.8              | 461.9                        | 450.0                           | 432.3                                 | 412.6                           | 411.7                           | .                             | 404.9               |

Question: How much do you agree with these statements about your physics lessons. I know what my teacher expects me to do  
Location: SQP-18b (PSBP18B)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3936    | 33.7            | 53.3               | 10.8                  | 2.3                | 0.7                | 0.0              | 0.2       | 393.1              | 367.6                 | 351.6                    | 328.4                 | 302.1                 | .                   | 359.7        |
| Italy                   | 3424   | 3360    | 31.3            | 49.2               | 15.4                  | 4.1                | 0.6                | 0.0              | 1.3       | 386.9              | 376.3                 | 366.1                    | 302.7                 | 315.4                 | .                   | 320.8        |
| Lebanon                 | 1156   | 1089    | 55.2            | 31.7               | 7.0                   | 6.1                | 0.0                | 0.0              | 5.2       | 418.0              | 410.9                 | 379.8                    | 409.4                 | 272.5                 | .                   | 367.3        |
| Norway                  | 2472   | 2453    | 63.3            | 27.9               | 7.4                   | 1.4                | 0.5                | 0.0              | 0.3       | 519.9              | 495.7                 | 459.2                    | 451.2                 | 480.7                 | .                   | 408.2        |
| Portugal                | 1783   | 1770    | 50.3            | 37.8               | 9.3                   | 2.6                | 0.6                | 0.0              | 0.1       | 472.8              | 465.0                 | 448.9                    | 442.7                 | 432.4                 | .                   | 450.9        |
| Russian Federation      | 3822   | 3803    | 52.8            | 37.2               | 8.2                   | 1.9                | 0.2                | 0.0              | 0.3       | 522.1              | 497.7                 | 470.7                    | 463.5                 | 440.8                 | .                   | 472.4        |
| Slovenia                | 1106   | 1086    | 31.6            | 52.1               | 13.2                  | 3.1                | 1.3                | 0.0              | 0.7       | 556.2              | 535.7                 | 484.7                    | 425.5                 | 484.1                 | .                   | 479.9        |
| Sweden                  | 3727   | 3692    | 30.8            | 48.8               | 16.3                  | 4.1                | 0.3                | 0.0              | 0.6       | 486.2              | 452.6                 | 420.7                    | 392.6                 | 379.0                 | .                   | 385.2        |
| United States           | 2932   | 2898    | 63.2            | 24.5               | 9.2                   | 3.0                | 0.7                | 0.0              | 1.0       | 451.1              | 422.2                 | 402.4                    | 393.1                 | 459.3                 | .                   | 384.6        |
| International Avg (n=9) | 24380  | 24087   | 45.8            | 40.3               | 10.8                  | 3.2                | 0.5                | 0.0              | 1.1       | 467.4              | 447.1                 | 420.4                    | 401.0                 | 396.2                 | .                   | 403.2        |

Question: How much do you agree with these statements about your physics lessons. My teacher is easy to understand  
Location: SQP-18c (PSBP18C)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3937    | 29.1            | 43.3               | 20.8                  | 6.8                | 0.7                | 0.0              | 0.2       | 394.0              | 376.5                 | 351.6                    | 334.7                 | 302.1                 | .                   | 360.0        |
| Italy                   | 3424   | 3359    | 28.6            | 40.5               | 19.9                  | 11.1               | 0.6                | 0.0              | 1.3       | 384.8              | 376.3                 | 375.8                    | 340.5                 | 315.4                 | .                   | 345.0        |
| Lebanon                 | 1156   | 1106    | 61.4            | 24.7               | 8.9                   | 5.0                | 0.0                | 0.0              | 3.8       | 421.9              | 408.1                 | 367.8                    | 395.7                 | .                     | .                   | 355.2        |
| Norway                  | 2472   | 2441    | 47.2            | 33.9               | 14.4                  | 4.5                | 0.5                | 0.0              | 0.8       | 527.8              | 497.5                 | 484.6                    | 453.0                 | 480.7                 | .                   | 443.3        |
| Portugal                | 1783   | 1766    | 46.9            | 30.8               | 15.8                  | 6.6                | 0.6                | 0.0              | 0.3       | 466.0              | 466.9                 | 473.4                    | 454.7                 | 432.4                 | .                   | 508.7        |
| Russian Federation      | 3822   | 3798    | 46.8            | 40.3               | 10.7                  | 2.2                | 0.2                | 0.0              | 0.4       | 528.3              | 501.4                 | 454.1                    | 453.6                 | 440.8                 | .                   | 456.9        |
| Slovenia                | 1106   | 1084    | 27.5            | 47.0               | 21.4                  | 4.0                | 1.3                | 0.0              | 0.8       | 569.8              | 536.6                 | 490.5                    | 441.6                 | 484.1                 | .                   | 483.0        |
| Sweden                  | 3727   | 3667    | 33.1            | 41.1               | 18.0                  | 7.8                | 0.3                | 0.0              | 1.1       | 479.9              | 453.2                 | 434.5                    | 412.3                 | 379.0                 | .                   | 402.5        |
| United States           | 2932   | 2890    | 41.7            | 31.8               | 18.5                  | 8.1                | 0.7                | 0.0              | 1.3       | 456.8              | 437.7                 | 427.2                    | 364.2                 | 459.3                 | .                   | 393.6        |
| International Avg (n=9) | 24380  | 24048   | 40.2            | 37.0               | 16.5                  | 6.2                | 0.5                | 0.0              | 1.1       | 469.9              | 450.5                 | 428.8                    | 405.6                 | 411.7                 | .                   | 416.5        |

Question: How much do you agree with these statements about your physics lessons. I am interested in what my teacher says  
Location: SQP-18d (PSBP18D)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3937    | 25.2                      | 50.9                         | 17.6                               | 6.4                          | 0.7                          | 0.0                        | 0.2              | 411.0                        | 375.5                           | 334.9                                 | 317.0                           | 302.1                           | .                             | 350.3               |
| Italy                   | 3424   | 3361    | 27.1                      | 45.3                         | 19.6                               | 8.0                          | 0.6                          | 0.0                        | 1.3              | 410.0                        | 371.5                           | 356.6                                 | 321.3                           | 315.4                           | .                             | 319.8               |
| Lebanon                 | 1156   | 1101    | 61.9                      | 24.1                         | 7.3                                | 6.7                          | 0.3                          | 0.0                        | 3.9              | 421.2                        | 410.3                           | 368.3                                 | 382.6                           | 355.0                           | .                             | 365.3               |
| Norway                  | 2472   | 2448    | 51.2                      | 36.3                         | 10.2                               | 2.4                          | 0.5                          | 0.0                        | 0.5              | 538.9                        | 488.2                           | 436.7                                 | 443.1                           | 480.7                           | .                             | 416.3               |
| Portugal                | 1783   | 1768    | 46.4                      | 40.1                         | 11.2                               | 2.3                          | 0.6                          | 0.0                        | 0.2              | 481.4                        | 457.9                           | 451.2                                 | 405.5                           | 432.4                           | .                             | 433.2               |
| Russian Federation      | 3822   | 3799    | 60.2                      | 28.7                         | 8.7                                | 2.4                          | 0.2                          | 0.0                        | 0.4              | 524.3                        | 494.8                           | 454.4                                 | 446.0                           | 440.8                           | .                             | 457.0               |
| Slovenia                | 1106   | 1082    | 30.3                      | 53.8                         | 13.1                               | 2.7                          | 1.3                          | 0.0                        | 1.0              | 568.4                        | 530.7                           | 476.8                                 | 417.7                           | 484.1                           | .                             | 504.7               |
| Sweden                  | 3727   | 3692    | 29.6                      | 42.0                         | 20.8                               | 7.6                          | 0.3                          | 0.0                        | 0.5              | 490.0                        | 458.5                           | 424.1                                 | 384.1                           | 379.0                           | .                             | 417.8               |
| United States           | 2932   | 2895    | 43.8                      | 35.5                         | 13.4                               | 7.3                          | 0.7                          | 0.0                        | 1.1              | 464.3                        | 432.3                           | 398.3                                 | 377.4                           | 459.3                           | .                             | 386.3               |
| International Avg (n=9) | 24380  | 24083   | 41.7                      | 39.6                         | 13.6                               | 5.1                          | 0.6                          | 0.0                        | 1.0              | 478.8                        | 446.6                           | 411.3                                 | 388.3                           | 405.4                           | .                             | 405.6               |

Question: How much do you agree with these statements about your physics lessons. My teacher gives me interesting things to do  
Location: SQP-18e (PSBP18E)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3933    | 12.9                      | 55.5                         | 26.9                               | 4.7                          | 0.7                          | 0.0                        | 0.3              | 393.3                        | 384.9                           | 348.5                                 | 329.4                           | 302.1                           | .                             | 353.2               |
| Italy                   | 3424   | 3348    | 15.3                      | 31.4                         | 29.2                               | 24.0                         | 0.6                          | 0.0                        | 1.7              | 372.4                        | 385.0                           | 381.1                                 | 355.8                           | 315.4                           | .                             | 339.0               |
| Lebanon                 | 1156   | 1104    | 42.9                      | 30.6                         | 17.0                               | 9.6                          | 0.2                          | 0.0                        | 4.0              | 407.9                        | 423.9                           | 404.9                                 | 406.2                           | 311.2                           | .                             | 367.6               |
| Norway                  | 2472   | 2446    | 32.0                      | 46.5                         | 17.3                               | 4.1                          | 0.5                          | 0.0                        | 0.6              | 536.9                        | 509.8                           | 462.9                                 | 448.0                           | 480.7                           | .                             | 431.9               |
| Portugal                | 1783   | 1767    | 29.4                      | 44.1                         | 19.4                               | 7.1                          | 0.6                          | 0.0                        | 0.2              | 471.1                        | 470.6                           | 457.9                                 | 450.6                           | 432.4                           | .                             | 447.3               |
| Russian Federation      | 3822   | 3801    | 48.8                      | 33.6                         | 14.2                               | 3.4                          | 0.2                          | 0.0                        | 0.3              | 523.0                        | 503.4                           | 478.0                                 | 455.2                           | 440.8                           | .                             | 472.8               |
| Slovenia                | 1106   | 1088    | 18.6                      | 44.2                         | 31.5                               | 5.6                          | 1.3                          | 0.0                        | 0.5              | 559.9                        | 543.1                           | 511.4                                 | 464.3                           | 484.1                           | .                             | 497.3               |
| Sweden                  | 3727   | 3689    | 16.4                      | 44.1                         | 30.0                               | 9.5                          | 0.3                          | 0.0                        | 0.5              | 488.9                        | 468.1                           | 438.5                                 | 391.4                           | 379.0                           | .                             | 378.1               |
| United States           | 2932   | 2893    | 37.2                      | 35.3                         | 19.6                               | 7.9                          | 0.7                          | 0.0                        | 1.1              | 447.3                        | 438.0                           | 438.2                                 | 390.6                           | 459.3                           | .                             | 384.9               |
| International Avg (n=9) | 24380  | 24069   | 28.2                      | 40.6                         | 22.8                               | 8.4                          | 0.6                          | 0.0                        | 1.0              | 466.7                        | 458.5                           | 435.7                                 | 410.2                           | 400.5                           | .                             | 408.0               |

Question: How much do you agree with these statements about your physics lessons. My teacher asks me thought provoking questions  
Location: SQP-18f (PSBP18F)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3928    | 28.3            | 49.5               | 17.2                  | 5.0                | 0.7                | 0.0              | 0.4       | 388.0              | 371.5                 | 362.8                    | 347.9                 | 302.1                 | .                   | 381.7        |
| Italy                   | 3424   | 3362    | 22.5            | 33.6               | 26.6                  | 17.3               | 0.6                | 0.0              | 1.2       | 398.6              | 380.3                 | 361.2                    | 355.3                 | 315.4                 | .                   | 318.5        |
| Lebanon                 | 1156   | 1108    | 58.8            | 23.8               | 9.6                   | 7.7                | 0.0                | 0.0              | 3.6       | 414.6              | 412.6                 | 409.3                    | 400.3                 | 429.8                 | .                   | 346.6        |
| Norway                  | 2472   | 2450    | 56.8            | 32.7               | 8.5                   | 2.0                | 0.5                | 0.0              | 0.4       | 508.4              | 507.7                 | 505.0                    | 493.4                 | 480.7                 | .                   | 462.3        |
| Portugal                | 1783   | 1768    | 47.4            | 34.7               | 12.8                  | 5.1                | 0.6                | 0.0              | 0.2       | 468.4              | 465.9                 | 464.0                    | 463.7                 | 432.4                 | .                   | 492.2        |
| Russian Federation      | 3822   | 3804    | 64.0            | 30.5               | 4.3                   | 1.2                | 0.2                | 0.0              | 0.2       | 518.8              | 491.0                 | 488.6                    | 414.0                 | 440.8                 | .                   | 468.6        |
| Slovenia                | 1106   | 1088    | 24.0            | 50.4               | 20.6                  | 5.0                | 1.3                | 0.0              | 0.5       | 571.6              | 532.6                 | 504.9                    | 444.1                 | 484.1                 | .                   | 497.3        |
| Sweden                  | 3727   | 3686    | 23.8            | 40.7               | 27.0                  | 8.4                | 0.3                | 0.0              | 0.6       | 474.2              | 460.5                 | 445.0                    | 409.8                 | 379.0                 | .                   | 386.0        |
| United States           | 2932   | 2895    | 44.7            | 31.0               | 17.5                  | 6.8                | 0.7                | 0.0              | 1.1       | 442.9              | 435.1                 | 441.6                    | 406.3                 | 459.3                 | .                   | 385.8        |
| International Avg (n=9) | 24380  | 24089   | 41.1            | 36.3               | 16.0                  | 6.5                | 0.5                | 0.0              | 0.9       | 465.0              | 450.8                 | 442.5                    | 415.0                 | 413.7                 | .                   | 415.4        |



Question: How much do you agree with these statements about your physics lessons. My teacher has clear answers to my questions  
Location: SQP-18g (PSBP18G)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3939    | 27.1                      | 46.5                         | 19.0                               | 7.3                          | 0.7                          | 0.0                        | 0.2              | 388.8                        | 374.9                           | 358.4                                 | 347.4                           | 302.1                           | .                             | 388.5               |
| Italy                   | 3424   | 3362    | 32.1                      | 37.0                         | 19.9                               | 11.0                         | 0.6                          | 0.0                        | 1.2              | 380.3                        | 374.9                           | 375.2                                 | 357.8                           | 315.4                           | .                             | 333.1               |
| Lebanon                 | 1156   | 1113    | 61.4                      | 25.3                         | 7.8                                | 5.6                          | 0.2                          | 0.0                        | 3.1              | 417.2                        | 407.7                           | 400.0                                 | 391.9                           | 423.3                           | .                             | 350.8               |
| Norway                  | 2472   | 2452    | 47.6                      | 34.0                         | 13.5                               | 4.9                          | 0.5                          | 0.0                        | 0.4              | 513.4                        | 510.5                           | 491.5                                 | 476.7                           | 480.7                           | .                             | 434.4               |
| Portugal                | 1783   | 1769    | 45.9                      | 31.0                         | 16.6                               | 6.4                          | 0.6                          | 0.0                        | 0.2              | 461.2                        | 469.6                           | 472.7                                 | 477.6                           | 432.4                           | .                             | 491.9               |
| Russian Federation      | 3822   | 3802    | 63.1                      | 28.3                         | 6.9                                | 1.7                          | 0.2                          | 0.0                        | 0.3              | 513.5                        | 502.6                           | 489.9                                 | 457.6                           | 440.8                           | .                             | 445.3               |
| Slovenia                | 1106   | 1088    | 27.1                      | 46.5                         | 20.7                               | 5.8                          | 1.3                          | 0.0                        | 0.5              | 558.1                        | 528.4                           | 522.3                                 | 470.0                           | 484.1                           | .                             | 497.3               |
| Sweden                  | 3727   | 3694    | 35.7                      | 40.2                         | 16.5                               | 7.6                          | 0.3                          | 0.0                        | 0.4              | 470.7                        | 454.6                           | 435.5                                 | 427.4                           | 379.0                           | .                             | 384.1               |
| United States           | 2932   | 2897    | 40.2                      | 29.6                         | 18.4                               | 11.7                         | 0.7                          | 0.0                        | 1.1              | 447.8                        | 443.3                           | 430.3                                 | 400.6                           | 459.3                           | .                             | 388.1               |
| International Avg (n=9) | 24380  | 24116   | 42.2                      | 35.4                         | 15.5                               | 6.9                          | 0.6                          | 0.0                        | 0.8              | 461.2                        | 451.8                           | 441.8                                 | 423.0                           | 413.0                           | .                             | 412.6               |

Question: How much do you agree with these statements about your physics lessons. My teacher links new content to what I already know  
Location: SQP-18h (PSBP18H)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3938    | 36.2            | 48.7               | 11.8                  | 3.3                | 0.7                | 0.0              | 0.2       | 391.1              | 369.5                 | 350.6                    | 324.9                 | 302.1                 | .                   | 348.2        |
| Italy                   | 3424   | 3361    | 42.3            | 38.2               | 13.4                  | 6.2                | 0.6                | 0.0              | 1.2       | 385.5              | 380.1                 | 355.9                    | 315.5                 | 315.4                 | .                   | 305.0        |
| Lebanon                 | 1156   | 1105    | 65.3            | 22.9               | 7.1                   | 4.8                | 0.2                | 0.0              | 3.5       | 418.6              | 408.9                 | 383.0                    | 389.3                 | 353.4                 | .                   | 350.8        |
| Norway                  | 2472   | 2447    | 47.8            | 38.8               | 11.2                  | 2.1                | 0.5                | 0.0              | 0.6       | 529.0              | 500.4                 | 456.0                    | 435.3                 | 480.7                 | .                   | 452.9        |
| Portugal                | 1783   | 1770    | 52.6            | 34.6               | 10.0                  | 2.8                | 0.6                | 0.0              | 0.1       | 472.6              | 461.7                 | 457.3                    | 455.4                 | 432.4                 | .                   | 450.9        |
| Russian Federation      | 3822   | 3804    | 51.9            | 35.7               | 10.0                  | 2.4                | 0.2                | 0.0              | 0.2       | 524.8              | 496.0                 | 477.2                    | 443.2                 | 440.8                 | .                   | 452.7        |
| Slovenia                | 1106   | 1088    | 34.8            | 52.1               | 10.3                  | 2.7                | 1.3                | 0.0              | 0.5       | 564.8              | 524.3                 | 482.9                    | 440.0                 | 484.1                 | .                   | 497.3        |
| Sweden                  | 3727   | 3685    | 30.6            | 46.1               | 18.8                  | 4.5                | 0.3                | 0.0              | 0.8       | 490.4              | 458.9                 | 405.9                    | 387.8                 | 379.0                 | .                   | 395.3        |
| United States           | 2932   | 2895    | 51.3            | 33.1               | 10.9                  | 4.7                | 0.7                | 0.0              | 1.1       | 457.4              | 423.2                 | 421.9                    | 362.7                 | 459.3                 | .                   | 386.5        |
| International Avg (n=9) | 24380  | 24093   | 45.9            | 38.9               | 11.5                  | 3.7                | 0.6                | 0.0              | 0.9       | 470.5              | 447.0                 | 421.2                    | 394.9                 | 405.2                 | .                   | 404.4        |

Question: How much do you agree with these statements about your physics lessons. My teacher is good at explaining physics  
Location: SQP-18i (PSBP18I)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3942    | 32.3                      | 47.0                         | 16.4                               | 4.3                          | 0.7                          | 0.0                        | 0.1              | 398.1                        | 369.1                           | 348.8                                 | 331.2                           | 302.1                           | .                             | 354.1               |
| Italy                   | 3424   | 3312    | 36.1                      | 37.2                         | 17.1                               | 9.6                          | 0.6                          | 0.0                        | 2.4              | 382.6                        | 376.6                           | 374.8                                 | 337.7                           | 315.4                           | .                             | 357.6               |
| Lebanon                 | 1156   | 1121    | 74.0                      | 16.7                         | 4.9                                | 4.4                          | 0.1                          | 0.0                        | 2.4              | 417.5                        | 405.9                           | 380.9                                 | 372.9                           | 277.5                           | .                             | 349.0               |
| Norway                  | 2472   | 2442    | 59.6                      | 27.6                         | 9.0                                | 3.8                          | 0.5                          | 0.0                        | 0.7              | 517.6                        | 499.5                           | 485.6                                 | 462.5                           | 480.7                           | .                             | 477.2               |
| Portugal                | 1783   | 1769    | 56.7                      | 25.5                         | 12.0                               | 5.8                          | 0.6                          | 0.0                        | 0.1              | 465.3                        | 466.1                           | 479.1                                 | 460.4                           | 432.4                           | .                             | 425.3               |
| Russian Federation      | 3822   | 3802    | 69.4                      | 24.5                         | 4.7                                | 1.4                          | 0.2                          | 0.0                        | 0.3              | 515.3                        | 496.9                           | 456.8                                 | 499.4                           | 440.8                           | .                             | 437.1               |
| Slovenia                | 1106   | 1089    | 36.9                      | 44.8                         | 14.6                               | 3.7                          | 1.3                          | 0.0                        | 0.3              | 560.2                        | 529.3                           | 490.3                                 | 440.5                           | 484.1                           | .                             | 508.7               |
| Sweden                  | 3727   | 3686    | 42.4                      | 35.4                         | 15.0                               | 7.2                          | 0.3                          | 0.0                        | 0.7              | 478.0                        | 445.2                           | 438.7                                 | 404.7                           | 379.0                           | .                             | 403.7               |
| United States           | 2932   | 2898    | 46.5                      | 31.2                         | 14.0                               | 8.3                          | 0.7                          | 0.0                        | 0.9              | 457.4                        | 434.3                           | 416.3                                 | 375.1                           | 459.3                           | .                             | 387.1               |
| International Avg (n=9) | 24380  | 24061   | 50.4                      | 32.2                         | 12.0                               | 5.4                          | 0.5                          | 0.0                        | 0.9              | 465.8                        | 447.0                           | 430.2                                 | 409.4                           | 396.8                           | .                             | 411.1               |

Question: How much do you agree with these statements about your physics lessons. My teacher provides the opportunity for me to show what I have learned  
Location: SQP-18j (PSBP18J)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3942    | 18.1                      | 59.4                         | 19.5                               | 3.1                          | 0.7                          | 0.0                        | 0.1              | 397.8                        | 374.6                           | 354.3                                 | 331.6                           | 302.1                           | .                             | 356.2               |
| Italy                   | 3424   | 3308    | 30.1                      | 46.0                         | 18.9                               | 4.9                          | 0.6                          | 0.0                        | 2.6              | 369.6                        | 384.2                           | 374.0                                 | 318.9                           | 315.4                           | .                             | 360.8               |
| Lebanon                 | 1156   | 1105    | 51.7                      | 32.9                         | 10.1                               | 5.4                          | 0.1                          | 0.0                        | 3.7              | 414.7                        | 413.3                           | 399.8                                 | 405.0                           | 238.1                           | .                             | 359.9               |
| Norway                  | 2472   | 2440    | 36.4                      | 44.3                         | 16.7                               | 2.6                          | 0.5                          | 0.0                        | 0.8              | 528.2                        | 508.5                           | 470.4                                 | 451.3                           | 480.7                           | .                             | 452.1               |
| Portugal                | 1783   | 1767    | 44.1                      | 41.5                         | 12.2                               | 2.1                          | 0.6                          | 0.0                        | 0.3              | 470.4                        | 465.6                           | 460.9                                 | 453.1                           | 432.4                           | .                             | 451.4               |
| Russian Federation      | 3822   | 3800    | 48.9                      | 40.6                         | 9.1                                | 1.5                          | 0.2                          | 0.0                        | 0.3              | 516.4                        | 501.8                           | 497.7                                 | 444.5                           | 440.8                           | .                             | 479.9               |
| Slovenia                | 1106   | 1088    | 23.3                      | 59.8                         | 15.0                               | 2.0                          | 1.3                          | 0.0                        | 0.4              | 553.5                        | 533.0                           | 504.7                                 | 443.7                           | 484.1                           | .                             | 509.4               |
| Sweden                  | 3727   | 3686    | 41.9                      | 44.5                         | 11.3                               | 2.3                          | 0.2                          | 0.0                        | 0.8              | 478.7                        | 446.4                           | 423.2                                 | 354.4                           | 372.7                           | .                             | 415.8               |
| United States           | 2932   | 2899    | 50.8                      | 36.2                         | 9.6                                | 3.3                          | 0.7                          | 0.0                        | 0.8              | 451.1                        | 429.9                           | 418.0                                 | 375.4                           | 459.3                           | .                             | 373.9               |
| International Avg (n=9) | 24380  | 24035   | 38.4                      | 45.0                         | 13.6                               | 3.0                          | 0.5                          | 0.0                        | 1.1              | 464.5                        | 450.8                           | 433.7                                 | 397.5                           | 391.7                           | .                             | 417.7               |

Question: How much do you agree with these statements about your physics lessons. My teacher encourages me to keep working on physics problems until I solve them  
Location: SQP-18k (PSBP18K)

| Country                 | Sample | Valid N | 1. Agree a lot % | 2. Agree a little % | 3. Disagree a little % | 4. Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1. Agree a lot Mean | 2. Agree a little Mean | 3. Disagree a little Mean | 4. Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|------------------|---------------------|------------------------|---------------------|--------------------|------------------|-----------|---------------------|------------------------|---------------------------|------------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3940    | 28.1             | 45.7                | 21.3                   | 5.0                 | 0.7                | 0.0              | 0.1       | 382.6               | 375.5                  | 366.1                     | 337.6                  | 302.1                 | .                   | 330.7        |
| Italy                   | 3424   | 3328    | 27.1             | 35.5                | 24.5                   | 12.9                | 0.6                | 0.0              | 2.0       | 373.6               | 382.6                  | 380.5                     | 342.9                  | 315.4                 | .                   | 363.1        |
| Lebanon                 | 1156   | 1107    | 60.7             | 24.2                | 9.3                    | 5.8                 | 0.1                | 0.0              | 3.7       | 413.5               | 406.0                  | 423.3                     | 404.6                  | 282.9                 | .                   | 363.9        |
| Norway                  | 2472   | 2445    | 57.8             | 31.9                | 8.7                    | 1.6                 | 0.5                | 0.0              | 0.6       | 516.4               | 501.7                  | 479.5                     | 473.5                  | 480.7                 | .                   | 435.4        |
| Portugal                | 1783   | 1766    | 48.6             | 32.4                | 14.3                   | 4.6                 | 0.6                | 0.0              | 0.3       | 470.8               | 464.8                  | 459.7                     | 460.5                  | 432.4                 | .                   | 463.9        |
| Russian Federation      | 3822   | 3797    | 38.7             | 38.5                | 17.8                   | 5.0                 | 0.2                | 0.0              | 0.4       | 531.8               | 498.3                  | 487.9                     | 461.1                  | 440.8                 | .                   | 524.2        |
| Slovenia                | 1106   | 1087    | 23.4             | 52.6                | 21.0                   | 3.0                 | 1.3                | 0.0              | 0.5       | 546.7               | 535.1                  | 519.0                     | 443.4                  | 484.1                 | .                   | 537.0        |
| Sweden                  | 3727   | 3687    | 36.7             | 39.9                | 18.2                   | 5.2                 | 0.2                | 0.0              | 0.7       | 473.8               | 454.6                  | 435.4                     | 394.0                  | 372.7                 | .                   | 434.6        |
| United States           | 2932   | 2899    | 59.1             | 28.9                | 8.0                    | 4.0                 | 0.7                | 0.0              | 0.8       | 448.6               | 425.2                  | 424.7                     | 391.6                  | 459.3                 | .                   | 379.2        |
| International Avg (n=9) | 24380  | 24056   | 42.3             | 36.6                | 15.9                   | 5.2                 | 0.6                | 0.0              | 1.0       | 462.0               | 449.3                  | 441.8                     | 412.1                  | 396.7                 | .                   | 425.8        |

Question: How much do you agree with these statements about your physics lessons. My teacher provides helpful feedback on my schoolwork (including homework)  
Location: SQP-181 (PSBP18L)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3941    | 37.8            | 42.4               | 14.5                  | 5.3                | 0.7                | 0.0              | 0.2       | 384.0              | 371.4                 | 362.0                    | 348.3                 | 302.1                 | .                   | 367.6        |
| Italy                   | 3424   | 3364    | 18.8            | 36.7               | 31.1                  | 13.4               | 0.6                | 0.0              | 1.2       | 371.5              | 380.2                 | 382.4                    | 348.4                 | 315.4                 | .                   | 316.4        |
| Lebanon                 | 1156   | 1112    | 52.4            | 26.7               | 11.9                  | 9.0                | 0.1                | 0.0              | 3.1       | 410.3              | 411.2                 | 418.5                    | 413.0                 | 364.6                 | .                   | 362.3        |
| Norway                  | 2472   | 2434    | 33.0            | 39.2               | 21.7                  | 6.1                | 0.5                | 0.0              | 1.1       | 521.3              | 511.3                 | 496.3                    | 452.7                 | 480.7                 | .                   | 474.8        |
| Portugal                | 1783   | 1764    | 35.1            | 39.9               | 19.0                  | 6.0                | 0.6                | 0.0              | 0.5       | 464.4              | 465.8                 | 473.1                    | 470.2                 | 432.4                 | .                   | 437.5        |
| Russian Federation      | 3822   | 3799    | 56.0            | 32.2               | 9.1                   | 2.8                | 0.2                | 0.0              | 0.4       | 518.4              | 496.4                 | 489.4                    | 483.1                 | 440.8                 | .                   | 496.7        |
| Slovenia                | 1106   | 1089    | 19.0            | 51.4               | 26.5                  | 3.1                | 1.3                | 0.0              | 0.3       | 547.1              | 537.2                 | 520.6                    | 443.6                 | 484.1                 | .                   | 508.7        |
| Sweden                  | 3727   | 3667    | 19.8            | 44.0               | 27.9                  | 8.4                | 0.2                | 0.0              | 1.3       | 464.1              | 464.7                 | 447.4                    | 408.6                 | 372.7                 | .                   | 437.5        |
| United States           | 2932   | 2898    | 37.9            | 32.1               | 20.3                  | 9.8                | 0.7                | 0.0              | 0.9       | 439.9              | 443.2                 | 435.4                    | 416.1                 | 459.3                 | .                   | 380.1        |
| International Avg (n=9) | 24380  | 24068   | 34.4            | 38.3               | 20.2                  | 7.1                | 0.6                | 0.0              | 1.0       | 457.9              | 453.5                 | 447.2                    | 420.4                 | 405.8                 | .                   | 420.2        |

Question: How much do you agree with these statements about your physics lessons. My teacher uses a variety of teaching methods, tasks, and activities to help us learn

Location: SQP-18m (PSBP18M)

| Country                 | Sample | Valid N | 1.Agre          | 2.Agre             | 3.Disa                   | 4.Disa                | Not                   | Not                 | Omitte | 1.Agre             | 2.Agre                | 3.Disa                      | 4.Disa                   | Not                      | Not                    | Omitte |
|-------------------------|--------|---------|-----------------|--------------------|--------------------------|-----------------------|-----------------------|---------------------|--------|--------------------|-----------------------|-----------------------------|--------------------------|--------------------------|------------------------|--------|
|                         |        |         | e a<br>lot<br>% | e a<br>little<br>% | gree<br>a<br>little<br>% | gree<br>a<br>lot<br>% | Admini<br>stered<br>% | Applic<br>able<br>% |        | e a<br>lot<br>Mean | e a<br>little<br>Mean | gree<br>a<br>little<br>Mean | gree<br>a<br>lot<br>Mean | Admini<br>stered<br>Mean | Applic<br>able<br>Mean |        |
| France                  | 3958   | 3943    | 35.0            | 44.6               | 16.4                     | 4.0                   | 0.7                   | 0.0                 | 0.1    | 381.5              | 374.1                 | 362.0                       | 344.2                    | 302.1                    | .                      | 407.3  |
| Italy                   | 3424   | 3332    | 22.8            | 35.1               | 27.9                     | 14.1                  | 0.6                   | 0.0                 | 2.0    | 370.1              | 385.3                 | 378.4                       | 349.4                    | 315.4                    | .                      | 349.3  |
| Lebanon                 | 1156   | 1112    | 57.6            | 24.4               | 10.2                     | 7.8                   | 0.0                   | 0.0                 | 3.7    | 417.0              | 399.7                 | 409.9                       | 413.4                    | .                        | .                      | 367.9  |
| Norway                  | 2472   | 2439    | 27.3            | 40.2               | 25.3                     | 7.1                   | 0.5                   | 0.0                 | 0.8    | 510.3              | 516.1                 | 502.0                       | 471.0                    | 480.7                    | .                      | 467.9  |
| Portugal                | 1783   | 1765    | 34.7            | 35.7               | 21.1                     | 8.4                   | 0.6                   | 0.0                 | 0.4    | 458.2              | 471.8                 | 471.7                       | 469.1                    | 432.4                    | .                      | 460.2  |
| Russian Federation      | 3822   | 3794    | 57.0            | 29.9               | 10.8                     | 2.3                   | 0.2                   | 0.0                 | 0.5    | 516.0              | 497.6                 | 496.9                       | 481.1                    | 440.8                    | .                      | 514.1  |
| Slovenia                | 1106   | 1089    | 28.6            | 48.8               | 19.6                     | 3.0                   | 1.3                   | 0.0                 | 0.3    | 553.0              | 530.5                 | 514.7                       | 461.6                    | 484.1                    | .                      | 508.7  |
| Sweden                  | 3727   | 3692    | 36.7            | 40.3               | 18.1                     | 4.9                   | 0.2                   | 0.0                 | 0.5    | 464.5              | 455.2                 | 447.1                       | 409.5                    | 372.7                    | .                      | 445.4  |
| United States           | 2932   | 2895    | 43.4            | 32.9               | 17.4                     | 6.3                   | 0.7                   | 0.0                 | 0.9    | 442.1              | 438.2                 | 443.2                       | 389.5                    | 459.3                    | .                      | 378.7  |
| International Avg (n=9) | 24380  | 24061   | 38.1            | 36.9               | 18.5                     | 6.4                   | 0.5                   | 0.0                 | 1.0    | 457.0              | 452.0                 | 447.3                       | 421.0                    | 410.9                    | .                      | 433.3  |

Question: How much do you agree with these statements about your physics lessons. My teacher believes that I can learn difficult physics material  
Location: SQP-18n (PSBP18N)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3932    | 26.9            | 48.4               | 17.8                  | 6.8                | 0.7                | 0.0              | 0.3       | 413.6              | 371.9                 | 340.4                    | 314.5                 | 302.1                 | .                   | 347.2        |
| Italy                   | 3424   | 3332    | 27.5            | 44.3               | 19.7                  | 8.5                | 0.6                | 0.0              | 2.0       | 409.5              | 376.2                 | 352.8                    | 304.5                 | 315.4                 | .                   | 357.7        |
| Lebanon                 | 1156   | 1101    | 57.1            | 29.8               | 8.9                   | 4.1                | 0.1                | 0.0              | 4.3       | 423.7              | 401.9                 | 381.4                    | 399.4                 | 297.9                 | .                   | 361.0        |
| Norway                  | 2472   | 2427    | 52.8            | 35.1               | 10.0                  | 2.1                | 0.5                | 0.0              | 1.3       | 542.8              | 481.6                 | 437.7                    | 410.8                 | 480.7                 | .                   | 460.5        |
| Portugal                | 1783   | 1765    | 48.6            | 37.9               | 10.4                  | 3.1                | 0.6                | 0.0              | 0.5       | 480.1              | 461.4                 | 437.9                    | 422.8                 | 432.4                 | .                   | 460.1        |
| Russian Federation      | 3822   | 3794    | 41.6            | 38.3               | 13.9                  | 6.1                | 0.2                | 0.0              | 0.4       | 539.5              | 493.8                 | 476.4                    | 448.3                 | 440.8                 | .                   | 511.8        |
| Slovenia                | 1106   | 1082    | 36.5            | 47.6               | 12.5                  | 3.4                | 1.3                | 0.0              | 1.0       | 572.3              | 522.9                 | 478.2                    | 427.5                 | 484.1                 | .                   | 486.4        |
| Sweden                  | 3727   | 3667    | 43.3            | 38.7               | 13.3                  | 4.6                | 0.2                | 0.0              | 1.1       | 503.8              | 439.1                 | 379.8                    | 352.1                 | 372.7                 | .                   | 426.8        |
| United States           | 2932   | 2895    | 65.8            | 26.7               | 5.2                   | 2.3                | 0.7                | 0.0              | 1.1       | 456.7              | 405.6                 | 408.5                    | 333.9                 | 459.3                 | .                   | 387.5        |
| International Avg (n=9) | 24380  | 23995   | 44.5            | 38.5               | 12.4                  | 4.6                | 0.5                | 0.0              | 1.3       | 482.4              | 439.4                 | 410.4                    | 379.3                 | 398.4                 | .                   | 422.1        |



Question: How much do you agree with these statements about your physics lessons. I like the way my teacher teaches physics  
Location: SQP-18o (PSBP180)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3937    | 22.8            | 40.9               | 23.2                  | 13.0               | 0.7                | 0.0              | 0.2       | 400.6              | 380.4                 | 355.8                    | 336.8                 | 302.1                 | .                   | 342.3        |
| Italy                   | 3424   | 3361    | 24.7            | 36.0               | 22.6                  | 16.8               | 0.6                | 0.0              | 1.2       | 389.1              | 375.9                 | 378.7                    | 346.6                 | 315.4                 | .                   | 324.7        |
| Lebanon                 | 1156   | 1116    | 59.0            | 23.0               | 9.4                   | 8.6                | 0.0                | 0.0              | 3.1       | 414.6              | 411.4                 | 415.2                    | 393.0                 | .                     | .                   | 351.0        |
| Norway                  | 2472   | 2435    | 47.0            | 32.7               | 13.8                  | 6.5                | 0.5                | 0.0              | 1.0       | 531.6              | 497.7                 | 477.1                    | 457.1                 | 480.7                 | .                   | 433.0        |
| Portugal                | 1783   | 1766    | 44.0            | 28.7               | 17.0                  | 10.3               | 0.6                | 0.0              | 0.5       | 465.5              | 464.7                 | 473.6                    | 471.9                 | 432.4                 | .                   | 371.0        |
| Russian Federation      | 3822   | 3800    | 67.6            | 23.0               | 6.9                   | 2.5                | 0.2                | 0.0              | 0.3       | 515.6              | 504.0                 | 461.9                    | 459.4                 | 440.8                 | .                   | 471.0        |
| Slovenia                | 1106   | 1089    | 29.1            | 42.2               | 21.2                  | 7.5                | 1.3                | 0.0              | 0.3       | 561.7              | 534.3                 | 505.7                    | 475.2                 | 484.1                 | .                   | 508.7        |
| Sweden                  | 3727   | 3682    | 35.0            | 36.7               | 18.6                  | 9.7                | 0.2                | 0.0              | 0.8       | 487.3              | 452.0                 | 426.4                    | 405.7                 | 372.7                 | .                   | 421.2        |
| United States           | 2932   | 2894    | 41.8            | 26.5               | 17.3                  | 14.4               | 0.7                | 0.0              | 1.2       | 459.4              | 436.9                 | 425.5                    | 392.5                 | 459.3                 | .                   | 376.0        |
| International Avg (n=9) | 24380  | 24080   | 41.2            | 32.2               | 16.7                  | 9.9                | 0.5                | 0.0              | 1.0       | 469.5              | 450.8                 | 435.5                    | 415.3                 | 410.9                 | .                   | 399.9        |

Question: Do you use the Internet to do any of the following tasks for physics schoolwork (including classroom tasks, homework, and studying outside of class). Access the textbook or other course materials

Location: SQP-19a (PSBP19A)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3942    | 56.5       | 43.5      | 0.7                          | 0.0                        | 0.1              | 363.5         | 386.7        | 302.1                           | .                             | 294.6               |
| Italy                   | 3424   | 3369    | 60.6       | 39.4      | 0.6                          | 0.0                        | 1.1              | 364.4         | 390.7        | 315.4                           | .                             | 332.5               |
| Lebanon                 | 1156   | 1122    | 42.9       | 57.1      | 0.0                          | 0.0                        | 2.6              | 406.7         | 415.3        | .                               | .                             | 357.4               |
| Norway                  | 2472   | 2444    | 56.0       | 44.0      | 0.5                          | 0.0                        | 0.6              | 500.9         | 516.4        | 480.7                           | .                             | 456.1               |
| Portugal                | 1783   | 1771    | 43.9       | 56.1      | 0.6                          | 0.0                        | 0.0              | 462.4         | 470.2        | 432.4                           | .                             | 513.9               |
| Russian Federation      | 3822   | 3807    | 79.4       | 20.6      | 0.2                          | 0.0                        | 0.2              | 510.8         | 496.3        | 440.8                           | .                             | 449.7               |
| Slovenia                | 1106   | 1090    | 62.8       | 37.2      | 1.2                          | 0.0                        | 0.3              | 524.8         | 543.5        | 482.5                           | .                             | 508.0               |
| Sweden                  | 3727   | 3691    | 52.0       | 48.0      | 0.2                          | 0.0                        | 0.7              | 444.5         | 466.4        | 356.8                           | .                             | 433.6               |
| United States           | 2932   | 2901    | 54.0       | 46.0      | 0.7                          | 0.0                        | 0.6              | 432.2         | 443.7        | 459.3                           | .                             | 390.9               |
| International Avg (n=9) | 24380  | 24137   | 56.5       | 43.5      | 0.5                          | 0.0                        | 0.7              | 445.6         | 458.8        | 408.7                           | .                             | 415.2               |

Question: Do you use the Internet to do any of the following tasks for physics schoolwork (including classroom tasks, homework, and studying outside of class). Access assignments posted online by my teacher

Location: SQP-19b (PSBP19B)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3943    | 57.2       | 42.8      | 0.7                          | 0.0                        | 0.1              | 370.6         | 377.2        | 302.1                           | .                             | 465.5               |
| Italy                   | 3424   | 3329    | 43.7       | 56.3      | 0.6                          | 0.0                        | 2.3              | 388.3         | 365.0        | 315.4                           | .                             | 336.7               |
| Lebanon                 | 1156   | 1125    | 28.7       | 71.3      | 0.0                          | 0.0                        | 2.3              | 401.2         | 415.8        | .                               | .                             | 347.9               |
| Norway                  | 2472   | 2446    | 74.2       | 25.8      | 0.5                          | 0.0                        | 0.5              | 505.4         | 514.4        | 480.7                           | .                             | 452.5               |
| Portugal                | 1783   | 1771    | 53.1       | 46.9      | 0.6                          | 0.0                        | 0.0              | 463.4         | 470.7        | 432.4                           | .                             | 513.9               |
| Russian Federation      | 3822   | 3809    | 49.2       | 50.8      | 0.2                          | 0.0                        | 0.1              | 510.8         | 505.0        | 440.8                           | .                             | 376.3               |
| Slovenia                | 1106   | 1090    | 60.6       | 39.4      | 1.2                          | 0.0                        | 0.3              | 531.1         | 532.7        | 482.5                           | .                             | 508.0               |
| Sweden                  | 3727   | 3709    | 64.9       | 35.1      | 0.2                          | 0.0                        | 0.1              | 457.4         | 450.2        | 356.8                           | .                             | 441.6               |
| United States           | 2932   | 2900    | 68.7       | 31.3      | 0.7                          | 0.0                        | 0.8              | 444.4         | 422.6        | 459.3                           | .                             | 386.5               |
| International Avg (n=9) | 24380  | 24122   | 55.6       | 44.4      | 0.5                          | 0.0                        | 0.8              | 452.5         | 450.4        | 408.7                           | .                             | 425.4               |

Question: Do you use the Internet to do any of the following tasks for physics schoolwork (including classroom tasks, homework, and studying outside of class). Collaborate with classmates on physics assignments or projects

Location: SQP-19c (PSBP19C)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3944    | 60.9       | 39.1      | 0.7                          | 0.0                        | 0.1              | 366.5         | 384.7        | 302.1                           | .                             | 236.1               |
| Italy                   | 3424   | 3337    | 59.2       | 40.8      | 0.6                          | 0.0                        | 1.8              | 367.5         | 385.1        | 315.4                           | .                             | 353.6               |
| Lebanon                 | 1156   | 1126    | 59.6       | 40.4      | 0.0                          | 0.0                        | 2.3              | 414.4         | 408.0        | .                               | .                             | 339.5               |
| Norway                  | 2472   | 2441    | 64.8       | 35.2      | 0.5                          | 0.0                        | 0.8              | 503.8         | 515.5        | 480.7                           | .                             | 440.9               |
| Portugal                | 1783   | 1770    | 71.8       | 28.2      | 0.6                          | 0.0                        | 0.1              | 464.9         | 471.4        | 432.4                           | .                             | 582.8               |
| Russian Federation      | 3822   | 3806    | 75.7       | 24.3      | 0.2                          | 0.0                        | 0.3              | 510.9         | 497.9        | 440.8                           | .                             | 481.0               |
| Slovenia                | 1106   | 1090    | 65.8       | 34.2      | 1.2                          | 0.0                        | 0.3              | 528.7         | 537.6        | 482.5                           | .                             | 508.0               |
| Sweden                  | 3727   | 3710    | 55.0       | 45.0      | 0.2                          | 0.0                        | 0.1              | 448.0         | 463.3        | 356.8                           | .                             | 423.9               |
| United States           | 2932   | 2900    | 61.9       | 38.1      | 0.7                          | 0.0                        | 0.8              | 430.7         | 448.9        | 459.3                           | .                             | 386.5               |
| International Avg (n=9) | 24380  | 24124   | 63.8       | 36.2      | 0.5                          | 0.0                        | 0.7              | 448.4         | 456.9        | 408.7                           | .                             | 416.9               |

Question: Do you use the Internet to do any of the following tasks for physics schoolwork (including classroom tasks, homework, and studying outside of class). Communicate with the teacher

Location: SQP-19d (PSBP19D)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3937    | 31.3       | 68.7      | 0.7                          | 0.0                        | 0.3              | 373.3         | 373.9        | 302.1                           | .                             | 318.7               |
| Italy                   | 3424   | 3381    | 38.0       | 62.0      | 0.6                          | 0.0                        | 0.6              | 360.0         | 384.0        | 315.4                           | .                             | 286.7               |
| Lebanon                 | 1156   | 1121    | 47.2       | 52.8      | 0.2                          | 0.0                        | 2.5              | 397.6         | 423.8        | 322.8                           | .                             | 366.1               |
| Norway                  | 2472   | 2444    | 50.3       | 49.7      | 0.5                          | 0.0                        | 0.7              | 505.5         | 509.9        | 480.7                           | .                             | 468.1               |
| Portugal                | 1783   | 1768    | 40.2       | 59.8      | 0.6                          | 0.0                        | 0.2              | 471.2         | 463.7        | 432.4                           | .                             | 499.6               |
| Russian Federation      | 3822   | 3806    | 21.7       | 78.3      | 0.2                          | 0.0                        | 0.3              | 524.0         | 503.4        | 440.8                           | .                             | 440.8               |
| Slovenia                | 1106   | 1088    | 40.7       | 59.3      | 1.2                          | 0.0                        | 0.6              | 520.9         | 539.8        | 482.5                           | .                             | 447.6               |
| Sweden                  | 3727   | 3691    | 48.8       | 51.2      | 0.2                          | 0.0                        | 0.6              | 451.6         | 458.3        | 356.8                           | .                             | 429.8               |
| United States           | 2932   | 2895    | 56.7       | 43.3      | 0.7                          | 0.0                        | 1.0              | 431.2         | 446.0        | 459.3                           | .                             | 392.2               |
| International Avg (n=9) | 24380  | 24131   | 41.7       | 58.3      | 0.5                          | 0.0                        | 0.8              | 448.4         | 455.9        | 399.2                           | .                             | 405.5               |

Question: Do you use the Internet to do any of the following tasks for physics schoolwork (including classroom tasks, homework, and studying outside of class). Discuss physics topics with other students

Location: SQP-19e (PSBP19E)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3941    | 35.3       | 64.7      | 0.7                          | 0.0                        | 0.1              | 370.7         | 375.3        | 302.1                           | .                             | 272.6               |
| Italy                   | 3424   | 3370    | 39.5       | 60.5      | 0.6                          | 0.0                        | 1.0              | 357.1         | 386.8        | 315.4                           | .                             | 301.9               |
| Lebanon                 | 1156   | 1127    | 57.8       | 42.2      | 0.2                          | 0.0                        | 1.9              | 414.0         | 407.5        | 411.6                           | .                             | 355.1               |
| Norway                  | 2472   | 2440    | 41.9       | 58.1      | 0.5                          | 0.0                        | 0.8              | 503.2         | 511.1        | 480.7                           | .                             | 456.2               |
| Portugal                | 1783   | 1768    | 45.4       | 54.6      | 0.6                          | 0.0                        | 0.3              | 469.8         | 464.3        | 432.4                           | .                             | 472.1               |
| Russian Federation      | 3822   | 3804    | 58.0       | 42.0      | 0.2                          | 0.0                        | 0.2              | 520.0         | 491.3        | 440.8                           | .                             | 396.5               |
| Slovenia                | 1106   | 1089    | 51.4       | 48.6      | 1.2                          | 0.0                        | 0.4              | 526.8         | 537.1        | 482.5                           | .                             | 500.5               |
| Sweden                  | 3727   | 3705    | 37.7       | 62.3      | 0.2                          | 0.0                        | 0.3              | 447.9         | 459.1        | 356.8                           | .                             | 450.5               |
| United States           | 2932   | 2891    | 42.3       | 57.7      | 0.7                          | 0.0                        | 1.0              | 429.7         | 443.6        | 459.3                           | .                             | 388.8               |
| International Avg (n=9) | 24380  | 24135   | 45.5       | 54.5      | 0.5                          | 0.0                        | 0.7              | 448.8         | 452.9        | 409.0                           | .                             | 399.4               |

Question: Do you use the Internet to do any of the following tasks for physics schoolwork (including classroom tasks, homework, and studying outside of class). Find information, articles, or tutorials to aid in understanding physics concepts

Location: SQP-19f (PSBP19F)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3945    | 72.9       | 27.1      | 0.7                          | 0.0                        | 0.0              | 375.4         | 368.7        | 302.1                           | .                             | 337.9               |
| Italy                   | 3424   | 3328    | 67.0       | 33.0      | 0.6                          | 0.0                        | 2.3              | 383.1         | 358.8        | 315.4                           | .                             | 339.2               |
| Lebanon                 | 1156   | 1127    | 58.3       | 41.7      | 0.0                          | 0.0                        | 2.2              | 418.7         | 401.3        | .                               | .                             | 354.1               |
| Norway                  | 2472   | 2445    | 77.2       | 22.8      | 0.5                          | 0.0                        | 0.6              | 507.8         | 507.5        | 480.7                           | .                             | 450.3               |
| Portugal                | 1783   | 1770    | 76.9       | 23.1      | 0.6                          | 0.0                        | 0.1              | 472.4         | 448.2        | 432.4                           | .                             | 457.6               |
| Russian Federation      | 3822   | 3809    | 91.7       | 8.3       | 0.2                          | 0.0                        | 0.1              | 512.0         | 460.6        | 440.8                           | .                             | 436.3               |
| Slovenia                | 1106   | 1090    | 77.1       | 22.9      | 1.2                          | 0.0                        | 0.3              | 536.7         | 515.0        | 482.5                           | .                             | 508.0               |
| Sweden                  | 3727   | 3705    | 72.8       | 27.2      | 0.2                          | 0.0                        | 0.2              | 457.0         | 449.4        | 356.8                           | .                             | 442.0               |
| United States           | 2932   | 2900    | 73.4       | 26.6      | 0.7                          | 0.0                        | 0.8              | 441.6         | 426.5        | 459.3                           | .                             | 386.5               |
| International Avg (n=9) | 24380  | 24119   | 74.1       | 25.9      | 0.5                          | 0.0                        | 0.8              | 456.1         | 437.3        | 408.7                           | .                             | 412.4               |

Question: Do you use the Internet to do any of the following tasks for physics schoolwork (including classroom tasks, homework, and studying outside of class). Find information, articles, or tutorials to aid in solving physics problems

Location: SQP-19g (PSBP19G)

| Country                 | Sample | Valid N | 1.Yes<br>% | 2.No<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Yes<br>Mean | 2.No<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|------------|-----------|------------------------------|----------------------------|------------------|---------------|--------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3945    | 74.2       | 25.8      | 0.7                          | 0.0                        | 0.0              | 370.0         | 383.8        | 302.1                           | .                             | 355.3               |
| Italy                   | 3424   | 3363    | 61.6       | 38.4      | 0.6                          | 0.0                        | 1.1              | 376.1         | 372.5        | 315.4                           | .                             | 334.2               |
| Lebanon                 | 1156   | 1126    | 50.5       | 49.5      | 0.1                          | 0.0                        | 2.2              | 414.5         | 407.9        | 464.5                           | .                             | 362.7               |
| Norway                  | 2472   | 2445    | 74.2       | 25.8      | 0.5                          | 0.0                        | 0.6              | 503.6         | 519.2        | 480.7                           | .                             | 458.8               |
| Portugal                | 1783   | 1770    | 74.3       | 25.7      | 0.6                          | 0.0                        | 0.1              | 471.2         | 454.0        | 432.4                           | .                             | 457.6               |
| Russian Federation      | 3822   | 3811    | 86.8       | 13.2      | 0.2                          | 0.0                        | 0.1              | 509.6         | 495.8        | 440.8                           | .                             | 394.3               |
| Slovenia                | 1106   | 1089    | 74.9       | 25.1      | 1.2                          | 0.0                        | 0.4              | 529.9         | 537.7        | 482.5                           | .                             | 489.3               |
| Sweden                  | 3727   | 3705    | 73.2       | 26.8      | 0.2                          | 0.0                        | 0.3              | 457.1         | 448.7        | 356.8                           | .                             | 466.6               |
| United States           | 2932   | 2900    | 78.1       | 21.9      | 0.7                          | 0.0                        | 0.8              | 438.6         | 434.0        | 459.3                           | .                             | 386.5               |
| International Avg (n=9) | 24380  | 24154   | 72.0       | 28.0      | 0.5                          | 0.0                        | 0.6              | 452.3         | 450.4        | 414.9                           | .                             | 411.7               |



Question: How much do you agree with these statements about the physics you are studying. I enjoy conducting experiments or investigations in physics  
Location: SQP-20a (PSBP20A)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3939    | 34.8                      | 47.9                         | 13.9                               | 3.4                          | 0.7                          | 0.0                        | 0.2              | 390.0                        | 372.0                           | 350.7                                 | 321.7                           | 302.1                           | .                             | 344.7               |
| Italy                   | 3424   | 3351    | 31.6                      | 37.7                         | 18.9                               | 11.8                         | 0.6                          | 0.0                        | 1.5              | 394.7                        | 383.0                           | 366.5                                 | 314.2                           | 315.4                           | .                             | 300.8               |
| Lebanon                 | 1156   | 1112    | 58.2                      | 27.7                         | 9.3                                | 4.9                          | 0.0                          | 0.0                        | 3.0              | 420.7                        | 398.7                           | 409.9                                 | 391.3                           | .                               | .                             | 344.5               |
| Norway                  | 2472   | 2445    | 41.5                      | 39.5                         | 14.0                               | 5.0                          | 0.5                          | 0.0                        | 0.6              | 517.2                        | 506.0                           | 497.9                                 | 470.5                           | 480.7                           | .                             | 449.8               |
| Portugal                | 1783   | 1769    | 55.9                      | 33.6                         | 7.9                                | 2.6                          | 0.6                          | 0.0                        | 0.2              | 471.9                        | 467.0                           | 452.4                                 | 398.0                           | 432.4                           | .                             | 494.6               |
| Russian Federation      | 3822   | 3803    | 58.4                      | 30.1                         | 8.8                                | 2.7                          | 0.2                          | 0.0                        | 0.3              | 515.7                        | 503.0                           | 492.7                                 | 437.3                           | 440.8                           | .                             | 472.0               |
| Slovenia                | 1106   | 1089    | 30.9                      | 53.2                         | 13.5                               | 2.5                          | 1.2                          | 0.0                        | 0.4              | 545.7                        | 529.9                           | 512.4                                 | 500.6                           | 482.5                           | .                             | 513.7               |
| Sweden                  | 3727   | 3707    | 24.4                      | 47.2                         | 20.7                               | 7.7                          | 0.2                          | 0.0                        | 0.3              | 459.0                        | 466.0                           | 444.0                                 | 404.4                           | 349.1                           | .                             | 415.0               |
| United States           | 2932   | 2897    | 44.0                      | 38.2                         | 11.4                               | 6.3                          | 0.7                          | 0.0                        | 0.9              | 456.8                        | 432.9                           | 415.0                                 | 381.3                           | 459.3                           | .                             | 326.5               |
| International Avg (n=9) | 24380  | 24112   | 42.2                      | 39.5                         | 13.2                               | 5.2                          | 0.5                          | 0.0                        | 0.8              | 463.5                        | 450.9                           | 437.9                                 | 402.2                           | 407.8                           | .                             | 406.9               |

Question: How much do you agree with these statements about the physics you are studying. I get a sense of satisfaction when I solve physics problems  
Location: SQP-20b (PSBP20B)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3939    | 51.4            | 40.3               | 6.8                   | 1.5                | 0.7                | 0.0              | 0.2       | 389.8              | 359.5                 | 349.2                    | 307.7                 | 302.1                 | .                   | 348.6        |
| Italy                   | 3424   | 3356    | 47.0            | 35.5               | 10.2                  | 7.4                | 0.6                | 0.0              | 1.5       | 396.3              | 374.2                 | 339.3                    | 300.2                 | 315.4                 | .                   | 288.6        |
| Lebanon                 | 1156   | 1103    | 67.9            | 24.5               | 5.0                   | 2.5                | 0.3                | 0.0              | 3.7       | 420.8              | 395.1                 | 393.2                    | 415.1                 | 378.6                 | .                   | 340.1        |
| Norway                  | 2472   | 2442    | 83.4            | 15.3               | 1.1                   | 0.2                | 0.5                | 0.0              | 0.7       | 511.9              | 488.7                 | 472.5                    | 442.6                 | 480.7                 | .                   | 452.5        |
| Portugal                | 1783   | 1771    | 56.1            | 32.8               | 8.6                   | 2.5                | 0.6                | 0.0              | 0.0       | 483.8              | 454.5                 | 426.8                    | 386.6                 | 432.4                 | .                   | 413.6        |
| Russian Federation      | 3822   | 3803    | 30.1            | 40.3               | 21.9                  | 7.7                | 0.2                | 0.0              | 0.2       | 553.4              | 511.0                 | 465.7                    | 433.5                 | 440.8                 | .                   | 409.4        |
| Slovenia                | 1106   | 1090    | 39.6            | 51.4               | 7.6                   | 1.4                | 1.2                | 0.0              | 0.3       | 560.2              | 516.8                 | 501.2                    | 439.7                 | 482.5                 | .                   | 514.1        |
| Sweden                  | 3727   | 3707    | 45.9            | 35.0               | 13.7                  | 5.5                | 0.2                | 0.0              | 0.2       | 491.6              | 443.7                 | 410.7                    | 334.1                 | 349.1                 | .                   | 335.8        |
| United States           | 2932   | 2898    | 62.4            | 28.4               | 5.9                   | 3.3                | 0.7                | 0.0              | 0.8       | 457.3              | 416.3                 | 382.1                    | 364.7                 | 459.3                 | .                   | 326.6        |
| International Avg (n=9) | 24380  | 24109   | 53.7            | 33.7               | 9.0                   | 3.6                | 0.5                | 0.0              | 0.9       | 473.9              | 440.0                 | 415.6                    | 380.4                 | 404.5                 | .                   | 381.0        |

Question: How much do you agree with these statements about the physics you are studying. I feel bored when I do my physics schoolwork  
Location: SQP-20c (PSBP20C)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3927    | 9.7                       | 28.6                         | 48.9                               | 12.8                         | 0.7                          | 0.0                        | 0.5              | 338.4                        | 353.9                           | 385.2                                 | 401.6                           | 302.1                           | .                             | 328.9               |
| Italy                   | 3424   | 3349    | 16.5                      | 36.3                         | 30.8                               | 16.3                         | 0.6                          | 0.0                        | 1.7              | 317.6                        | 367.6                           | 394.7                                 | 415.4                           | 315.4                           | .                             | 304.3               |
| Lebanon                 | 1156   | 1100    | 13.0                      | 30.6                         | 29.1                               | 27.3                         | 0.4                          | 0.0                        | 3.7              | 380.8                        | 413.7                           | 410.7                                 | 432.6                           | 310.8                           | .                             | 329.1               |
| Norway                  | 2472   | 2435    | 5.0                       | 25.9                         | 43.9                               | 25.1                         | 0.5                          | 0.0                        | 1.0              | 436.8                        | 466.1                           | 515.2                                 | 551.6                           | 480.7                           | .                             | 478.3               |
| Portugal                | 1783   | 1766    | 9.9                       | 32.6                         | 39.9                               | 17.6                         | 0.6                          | 0.0                        | 0.4              | 424.8                        | 450.6                           | 479.1                                 | 492.1                           | 432.4                           | .                             | 480.9               |
| Russian Federation      | 3822   | 3804    | 8.2                       | 18.8                         | 42.1                               | 30.9                         | 0.2                          | 0.0                        | 0.2              | 445.0                        | 484.0                           | 502.9                                 | 545.5                           | 440.8                           | .                             | 443.4               |
| Slovenia                | 1106   | 1088    | 5.6                       | 28.7                         | 53.3                               | 12.5                         | 1.2                          | 0.0                        | 0.5              | 490.5                        | 511.6                           | 540.0                                 | 562.0                           | 482.5                           | .                             | 485.3               |
| Sweden                  | 3727   | 3669    | 14.8                      | 32.3                         | 41.9                               | 11.0                         | 0.2                          | 0.0                        | 1.2              | 395.0                        | 436.1                           | 478.8                                 | 502.8                           | 349.1                           | .                             | 425.8               |
| United States           | 2932   | 2894    | 20.5                      | 41.9                         | 28.8                               | 8.8                          | 0.7                          | 0.0                        | 1.0              | 407.9                        | 427.3                           | 463.0                                 | 482.4                           | 459.3                           | .                             | 309.3               |
| International Avg (n=9) | 24380  | 24032   | 11.5                      | 30.6                         | 39.9                               | 18.0                         | 0.6                          | 0.0                        | 1.1              | 404.1                        | 434.6                           | 463.3                                 | 487.3                           | 397.0                           | .                             | 398.4               |

Question: How much do you agree with these statements about the physics you are studying. I like studying for my physics class outside of school  
Location: SQP-20d (PSBP20D)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3929    | 5.1                       | 36.6                         | 45.1                               | 13.1                         | 0.7                          | 0.0                        | 0.4              | 408.5                        | 392.1                           | 365.9                                 | 334.8                           | 302.1                           | .                             | 361.2               |
| Italy                   | 3424   | 3239    | 8.7                       | 30.3                         | 36.4                               | 24.7                         | 0.6                          | 0.0                        | 4.7              | 442.0                        | 404.4                           | 373.2                                 | 321.3                           | 315.4                           | .                             | 344.1               |
| Lebanon                 | 1156   | 1098    | 31.5                      | 37.8                         | 18.3                               | 12.4                         | 0.2                          | 0.0                        | 4.4              | 418.0                        | 404.7                           | 423.8                                 | 401.3                           | 453.3                           | .                             | 368.9               |
| Norway                  | 2472   | 2434    | 9.2                       | 40.3                         | 36.3                               | 14.2                         | 0.5                          | 0.0                        | 1.1              | 553.2                        | 529.7                           | 491.0                                 | 458.2                           | 480.7                           | .                             | 484.2               |
| Portugal                | 1783   | 1767    | 15.0                      | 42.0                         | 32.1                               | 10.9                         | 0.6                          | 0.0                        | 0.3              | 497.8                        | 476.4                           | 453.8                                 | 425.7                           | 432.4                           | .                             | 450.3               |
| Russian Federation      | 3822   | 3785    | 19.1                      | 40.7                         | 27.4                               | 12.7                         | 0.2                          | 0.0                        | 0.7              | 548.8                        | 521.7                           | 491.5                                 | 437.7                           | 440.8                           | .                             | 468.0               |
| Slovenia                | 1106   | 1084    | 3.7                       | 27.6                         | 54.1                               | 14.5                         | 1.2                          | 0.0                        | 0.9              | 574.5                        | 549.5                           | 526.3                                 | 511.0                           | 482.5                           | .                             | 462.8               |
| Sweden                  | 3727   | 3704    | 6.1                       | 23.6                         | 38.7                               | 31.6                         | 0.2                          | 0.0                        | 0.4              | 506.6                        | 490.0                           | 462.4                                 | 410.0                           | 349.1                           | .                             | 400.3               |
| United States           | 2932   | 2895    | 7.6                       | 23.2                         | 41.3                               | 28.0                         | 0.7                          | 0.0                        | 1.1              | 477.7                        | 456.0                           | 438.6                                 | 412.5                           | 459.3                           | .                             | 343.2               |
| International Avg (n=9) | 24380  | 23935   | 11.8                      | 33.6                         | 36.6                               | 18.0                         | 0.5                          | 0.0                        | 1.5              | 491.9                        | 469.4                           | 447.4                                 | 412.5                           | 412.8                           | .                             | 409.2               |

Question: How much do you agree with these statements about the physics you are studying. It is interesting to learn physics laws and principles  
Location: SQP-20e (PSBP20E)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3936    | 17.8            | 47.4               | 27.4                  | 7.5                | 0.7                | 0.0              | 0.3       | 425.5              | 382.1                 | 340.8                    | 317.1                 | 302.1                 | .                   | 318.2        |
| Italy                   | 3424   | 3359    | 21.9            | 43.7               | 24.5                  | 9.8                | 0.6                | 0.0              | 1.3       | 425.6              | 381.0                 | 346.5                    | 310.2                 | 315.4                 | .                   | 294.5        |
| Lebanon                 | 1156   | 1101    | 51.9            | 30.4               | 10.7                  | 7.0                | 0.2                | 0.0              | 4.0       | 423.1              | 408.1                 | 384.6                    | 402.2                 | 366.5                 | .                   | 346.2        |
| Norway                  | 2472   | 2438    | 50.7            | 38.6               | 8.5                   | 2.2                | 0.5                | 0.0              | 0.9       | 541.6              | 486.5                 | 432.1                    | 398.8                 | 480.7                 | .                   | 450.5        |
| Portugal                | 1783   | 1766    | 48.9            | 39.7               | 9.0                   | 2.3                | 0.6                | 0.0              | 0.3       | 495.0              | 447.8                 | 415.4                    | 392.8                 | 432.4                 | .                   | 494.8        |
| Russian Federation      | 3822   | 3802    | 31.1            | 43.1               | 19.8                  | 6.0                | 0.2                | 0.0              | 0.3       | 546.4              | 507.3                 | 472.3                    | 429.5                 | 440.8                 | .                   | 461.9        |
| Slovenia                | 1106   | 1087    | 13.4            | 46.4               | 33.6                  | 6.6                | 1.2                | 0.0              | 0.6       | 588.8              | 544.2                 | 502.7                    | 478.0                 | 482.5                 | .                   | 491.0        |
| Sweden                  | 3727   | 3699    | 26.9            | 44.9               | 20.4                  | 7.9                | 0.2                | 0.0              | 0.6       | 507.0              | 458.5                 | 417.7                    | 357.1                 | 349.1                 | .                   | 393.6        |
| United States           | 2932   | 2893    | 34.8            | 41.2               | 16.4                  | 7.6                | 0.7                | 0.0              | 1.3       | 483.4              | 434.1                 | 392.9                    | 352.9                 | 459.3                 | .                   | 348.6        |
| International Avg (n=9) | 24380  | 24081   | 33.0            | 41.7               | 18.9                  | 6.3                | 0.5                | 0.0              | 1.1       | 492.9              | 450.0                 | 411.7                    | 382.1                 | 403.2                 | .                   | 399.9        |

Question: How much do you agree with these statements about the physics you are studying. I dread my physics class  
Location: SQP-20f (PSBP20F)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3933    | 6.4             | 26.5               | 40.1                  | 27.0               | 0.7                | 0.0              | 0.3       | 343.7              | 346.0                 | 372.9                    | 409.4                 | 302.1                 | .                   | 316.1        |
| Italy                   | 3424   | 3225    | 6.4             | 13.8               | 24.9                  | 54.9               | 0.6                | 0.0              | 5.0       | 324.4              | 340.7                 | 367.6                    | 392.8                 | 315.4                 | .                   | 361.3        |
| Lebanon                 | 1156   | 1042    | 16.9            | 33.0               | 19.7                  | 30.5               | 0.0                | 0.0              | 8.7       | 387.9              | 404.0                 | 424.1                    | 429.9                 | .                     | .                   | 379.2        |
| Norway                  | 2472   | 2432    | 3.5             | 13.9               | 22.1                  | 60.5               | 0.5                | 0.0              | 1.1       | 432.0              | 449.2                 | 473.4                    | 538.0                 | 480.7                 | .                   | 485.2        |
| Portugal                | 1783   | 1768    | 4.8             | 11.9               | 22.4                  | 60.9               | 0.6                | 0.0              | 0.3       | 432.0              | 431.5                 | 451.9                    | 482.1                 | 432.4                 | .                   | 431.4        |
| Russian Federation      | 3822   | 3803    | 3.8             | 7.1                | 24.1                  | 65.0               | 0.2                | 0.0              | 0.3       | 463.4              | 484.4                 | 484.2                    | 521.6                 | 440.8                 | .                   | 466.6        |
| Slovenia                | 1106   | 1090    | 3.3             | 9.0                | 44.5                  | 43.2               | 1.2                | 0.0              | 0.3       | 468.9              | 459.1                 | 514.2                    | 569.6                 | 482.5                 | .                   | 514.1        |
| Sweden                  | 3727   | 3660    | 6.2             | 15.7               | 35.5                  | 42.7               | 0.2                | 0.0              | 1.5       | 369.9              | 417.3                 | 440.7                    | 494.5                 | 349.1                 | .                   | 404.9        |
| United States           | 2932   | 2891    | 12.6            | 22.6               | 32.6                  | 32.2               | 0.7                | 0.0              | 1.3       | 382.3              | 404.9                 | 431.2                    | 490.8                 | 459.3                 | .                   | 358.9        |
| International Avg (n=9) | 24380  | 23844   | 7.1             | 17.1               | 29.6                  | 46.3               | 0.5                | 0.0              | 2.1       | 400.5              | 415.2                 | 440.0                    | 481.0                 | 407.8                 | .                   | 413.1        |

Question: How much do you agree with these statements about the physics you are studying. I am studying physics because I like to learn new things  
Location: SQP-20g (PSBP20G)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3928    | 18.6            | 49.8               | 25.4                  | 6.2                | 0.7                | 0.0              | 0.5       | 429.2              | 378.7                 | 337.9                    | 312.8                 | 302.1                 | .                   | 345.9        |
| Italy                   | 3424   | 3355    | 17.3            | 43.6               | 28.5                  | 10.6               | 0.6                | 0.0              | 1.5       | 428.6              | 389.9                 | 346.0                    | 312.0                 | 315.4                 | .                   | 278.1        |
| Lebanon                 | 1156   | 1099    | 58.8            | 27.1               | 9.3                   | 4.9                | 0.1                | 0.0              | 4.4       | 417.5              | 415.1                 | 391.7                    | 381.8                 | 360.7                 | .                   | 355.7        |
| Norway                  | 2472   | 2433    | 40.5            | 41.1               | 14.0                  | 4.3                | 0.5                | 0.0              | 1.1       | 539.4              | 504.5                 | 449.0                    | 433.3                 | 480.7                 | .                   | 472.5        |
| Portugal                | 1783   | 1769    | 41.0            | 40.2               | 15.0                  | 3.9                | 0.6                | 0.0              | 0.1       | 494.5              | 455.8                 | 432.1                    | 421.4                 | 432.4                 | .                   | 480.5        |
| Russian Federation      | 3822   | 3799    | 37.1            | 42.2               | 15.7                  | 5.0                | 0.2                | 0.0              | 0.3       | 544.1              | 497.3                 | 477.3                    | 424.2                 | 440.8                 | .                   | 438.8        |
| Slovenia                | 1106   | 1087    | 24.2            | 56.2               | 16.5                  | 3.0                | 1.2                | 0.0              | 0.5       | 574.0              | 528.3                 | 489.2                    | 493.9                 | 482.5                 | .                   | 490.3        |
| Sweden                  | 3727   | 3700    | 18.2            | 39.9               | 28.4                  | 13.5               | 0.2                | 0.0              | 0.5       | 500.4              | 470.8                 | 439.5                    | 382.3                 | 349.1                 | .                   | 365.1        |
| United States           | 2932   | 2896    | 36.2            | 41.0               | 15.6                  | 7.2                | 0.7                | 0.0              | 1.1       | 485.0              | 423.7                 | 402.3                    | 363.2                 | 459.3                 | .                   | 350.1        |
| International Avg (n=9) | 24380  | 24066   | 32.4            | 42.3               | 18.7                  | 6.5                | 0.5                | 0.0              | 1.1       | 490.3              | 451.6                 | 418.3                    | 391.7                 | 402.6                 | .                   | 397.4        |

Question: How much do you agree with these statements about the physics you are studying. I enjoy figuring out challenging physics  
Location: SQP-20h (PSBP20H)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3934    | 11.8            | 30.6               | 43.1                  | 14.5               | 0.7                | 0.0              | 0.3       | 442.9              | 400.5                 | 352.0                    | 325.6                 | 302.1                 | .                   | 318.3        |
| Italy                   | 3424   | 3351    | 24.9            | 35.9               | 25.5                  | 13.6               | 0.6                | 0.0              | 1.5       | 439.8              | 384.2                 | 334.2                    | 309.7                 | 315.4                 | .                   | 317.9        |
| Lebanon                 | 1156   | 1103    | 49.1            | 30.9               | 13.1                  | 6.9                | 0.0                | 0.0              | 3.9       | 425.6              | 399.8                 | 406.9                    | 393.2                 | .                     | .                   | 341.0        |
| Norway                  | 2472   | 2431    | 43.5            | 37.7               | 15.5                  | 3.3                | 0.5                | 0.0              | 1.2       | 548.5              | 498.8                 | 437.4                    | 407.0                 | 480.7                 | .                   | 465.6        |
| Portugal                | 1783   | 1769    | 37.0            | 41.3               | 16.8                  | 4.9                | 0.6                | 0.0              | 0.2       | 502.1              | 459.5                 | 423.8                    | 411.0                 | 432.4                 | .                   | 429.1        |
| Russian Federation      | 3822   | 3799    | 22.4            | 36.0               | 27.9                  | 13.7               | 0.2                | 0.0              | 0.4       | 573.2              | 520.1                 | 475.6                    | 433.2                 | 440.8                 | .                   | 485.5        |
| Slovenia                | 1106   | 1089    | 20.2            | 49.1               | 27.5                  | 3.2                | 1.2                | 0.0              | 0.4       | 587.4              | 535.4                 | 494.3                    | 447.1                 | 482.5                 | .                   | 513.7        |
| Sweden                  | 3727   | 3700    | 27.0            | 35.6               | 24.5                  | 12.9               | 0.2                | 0.0              | 0.4       | 510.3              | 465.7                 | 430.6                    | 357.4                 | 349.1                 | .                   | 397.6        |
| United States           | 2932   | 2895    | 40.7            | 37.0               | 15.8                  | 6.5                | 0.7                | 0.0              | 1.0       | 486.1              | 422.0                 | 387.7                    | 351.6                 | 459.3                 | .                   | 345.8        |
| International Avg (n=9) | 24380  | 24071   | 30.7            | 37.1               | 23.3                  | 8.9                | 0.5                | 0.0              | 1.0       | 501.8              | 454.0                 | 415.8                    | 381.7                 | 407.8                 | .                   | 401.6        |



Question: How much do you agree with these statements about the physics you are studying. Physics is one of my favorite subjects  
Location: SQP-20i (PSBP20I)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3934    | 16.2            | 28.7               | 31.9                  | 23.2               | 0.7                | 0.0              | 0.3       | 438.6              | 393.1                 | 359.1                    | 324.3                 | 302.1                 | .                   | 353.9        |
| Italy                   | 3424   | 3345    | 12.8            | 22.2               | 27.0                  | 37.9               | 0.6                | 0.0              | 1.7       | 467.0              | 404.9                 | 372.3                    | 329.3                 | 315.4                 | .                   | 311.0        |
| Lebanon                 | 1156   | 1109    | 56.0            | 26.2               | 11.3                  | 6.5                | 0.1                | 0.0              | 3.3       | 428.0              | 399.6                 | 380.3                    | 387.4                 | 420.3                 | .                   | 339.3        |
| Norway                  | 2472   | 2433    | 35.8            | 28.5               | 21.6                  | 14.1               | 0.5                | 0.0              | 1.1       | 562.0              | 504.7                 | 475.7                    | 424.8                 | 480.7                 | .                   | 481.9        |
| Portugal                | 1783   | 1767    | 34.8            | 31.6               | 19.2                  | 14.3               | 0.6                | 0.0              | 0.3       | 508.6              | 461.6                 | 440.6                    | 411.8                 | 432.4                 | .                   | 470.0        |
| Russian Federation      | 3822   | 3804    | 30.4            | 34.1               | 21.9                  | 13.6               | 0.2                | 0.0              | 0.3       | 563.5              | 510.9                 | 473.2                    | 432.4                 | 440.8                 | .                   | 395.1        |
| Slovenia                | 1106   | 1088    | 23.1            | 37.5               | 31.9                  | 7.5                | 1.2                | 0.0              | 0.5       | 594.8              | 540.1                 | 491.8                    | 465.1                 | 482.5                 | .                   | 524.3        |
| Sweden                  | 3727   | 3661    | 14.8            | 23.3               | 29.7                  | 32.3               | 0.2                | 0.0              | 1.4       | 533.8              | 484.8                 | 451.5                    | 401.1                 | 349.1                 | .                   | 433.0        |
| United States           | 2932   | 2894    | 25.7            | 25.9               | 25.5                  | 22.8               | 0.7                | 0.0              | 1.0       | 504.4              | 446.4                 | 416.2                    | 378.3                 | 459.3                 | .                   | 346.2        |
| International Avg (n=9) | 24380  | 24035   | 27.7            | 28.7               | 24.5                  | 19.1               | 0.5                | 0.0              | 1.1       | 511.2              | 460.7                 | 429.0                    | 394.9                 | 409.2                 | .                   | 406.1        |

Question: How much do you agree with these statements about the physics you are studying. Jobs that require physics skills seem interesting to me  
Location: SQP-20j (PSBP20J)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3939    | 19.6            | 43.9               | 23.8                  | 12.6               | 0.7                | 0.0              | 0.2       | 423.5              | 376.9                 | 354.3                    | 321.1                 | 302.1                 | .                   | 324.9        |
| Italy                   | 3424   | 3336    | 16.7            | 33.3               | 29.5                  | 20.6               | 0.6                | 0.0              | 2.0       | 437.7              | 390.2                 | 359.0                    | 324.6                 | 315.4                 | .                   | 319.8        |
| Lebanon                 | 1156   | 1092    | 48.1            | 30.4               | 11.2                  | 10.3               | 0.3                | 0.0              | 4.6       | 427.6              | 400.0                 | 399.4                    | 400.3                 | 369.6                 | .                   | 348.6        |
| Norway                  | 2472   | 2427    | 45.9            | 35.0               | 13.9                  | 5.1                | 0.5                | 0.0              | 1.3       | 544.4              | 492.4                 | 458.5                    | 418.9                 | 480.7                 | .                   | 477.9        |
| Portugal                | 1783   | 1770    | 37.0            | 35.7               | 19.0                  | 8.3                | 0.6                | 0.0              | 0.1       | 499.2              | 459.0                 | 438.2                    | 420.4                 | 432.4                 | .                   | 550.0        |
| Russian Federation      | 3822   | 3797    | 36.3            | 39.2               | 16.2                  | 8.3                | 0.2                | 0.0              | 0.4       | 546.1              | 508.4                 | 457.8                    | 435.6                 | 440.8                 | .                   | 435.7        |
| Slovenia                | 1106   | 1089    | 24.7            | 49.9               | 19.7                  | 5.8                | 1.2                | 0.0              | 0.4       | 577.6              | 532.5                 | 489.7                    | 472.7                 | 482.5                 | .                   | 502.5        |
| Sweden                  | 3727   | 3704    | 20.1            | 35.2               | 24.8                  | 19.9               | 0.2                | 0.0              | 0.3       | 506.0              | 472.3                 | 436.7                    | 395.3                 | 349.1                 | .                   | 425.1        |
| United States           | 2932   | 2894    | 29.1            | 31.2               | 22.7                  | 17.0               | 0.7                | 0.0              | 1.0       | 488.2              | 447.2                 | 405.3                    | 379.6                 | 459.3                 | .                   | 347.6        |
| International Avg (n=9) | 24380  | 24048   | 30.8            | 37.1               | 20.1                  | 12.0               | 0.6                | 0.0              | 1.1       | 494.5              | 453.2                 | 422.1                    | 396.5                 | 403.5                 | .                   | 414.7        |

Question: How much do you agree with these statements about the physics you are studying. I wish I did not have to study physics  
Location: SQP-20k (PSBP20K)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3942    | 9.3             | 12.7               | 38.7                  | 39.3               | 0.7                | 0.0              | 0.1       | 309.1              | 324.9                 | 367.5                    | 410.7                 | 302.1                 | .                   | 292.7        |
| Italy                   | 3424   | 3346    | 22.5            | 25.6               | 26.2                  | 25.7               | 0.6                | 0.0              | 1.7       | 319.5              | 361.1                 | 381.3                    | 431.1                 | 315.4                 | .                   | 331.7        |
| Lebanon                 | 1156   | 1095    | 11.2            | 14.0               | 18.0                  | 56.8               | 0.0                | 0.0              | 4.5       | 387.0              | 380.8                 | 401.9                    | 429.9                 | .                     | .                   | 347.3        |
| Norway                  | 2472   | 2431    | 5.5             | 10.4               | 23.2                  | 60.9               | 0.5                | 0.0              | 1.2       | 406.4              | 436.3                 | 479.0                    | 540.5                 | 480.7                 | .                   | 458.2        |
| Portugal                | 1783   | 1768    | 9.7             | 11.8               | 22.9                  | 55.5               | 0.6                | 0.0              | 0.1       | 416.6              | 432.0                 | 447.6                    | 491.1                 | 432.4                 | .                   | 423.0        |
| Russian Federation      | 3822   | 3796    | 11.4            | 17.0               | 31.1                  | 40.6               | 0.2                | 0.0              | 0.4       | 458.1              | 468.4                 | 499.5                    | 544.7                 | 440.8                 | .                   | 455.6        |
| Slovenia                | 1106   | 1087    | 7.2             | 18.0               | 42.8                  | 32.0               | 1.2                | 0.0              | 0.6       | 484.3              | 491.6                 | 528.6                    | 569.2                 | 482.5                 | .                   | 516.0        |
| Sweden                  | 3727   | 3702    | 14.2            | 17.2               | 30.1                  | 38.6               | 0.2                | 0.0              | 0.3       | 361.7              | 423.6                 | 455.1                    | 503.7                 | 349.1                 | .                   | 359.3        |
| United States           | 2932   | 2895    | 14.2            | 17.0               | 33.7                  | 35.2               | 0.7                | 0.0              | 1.0       | 370.5              | 408.5                 | 419.9                    | 497.0                 | 459.3                 | .                   | 352.1        |
| International Avg (n=9) | 24380  | 24062   | 11.7            | 16.0               | 29.6                  | 42.7               | 0.5                | 0.0              | 1.1       | 390.4              | 414.1                 | 442.3                    | 490.9                 | 407.8                 | .                   | 392.9        |

Question: How much do you agree with these statements about the physics you are studying. I enjoy thinking about the world in terms of laws of physics  
Location: SQP-201 (PSBP20L)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3939    | 14.0                      | 34.7                         | 34.6                               | 16.8                         | 0.7                          | 0.0                        | 0.2              | 421.0                        | 391.2                           | 357.0                                 | 332.6                           | 302.1                           | .                             | 288.4               |
| Italy                   | 3424   | 3290    | 40.3                      | 40.2                         | 13.2                               | 6.3                          | 0.6                          | 0.0                        | 3.2              | 406.6                        | 370.5                           | 344.0                                 | 279.0                           | 315.4                           | .                             | 329.9               |
| Lebanon                 | 1156   | 1103    | 45.1                      | 33.0                         | 13.4                               | 8.5                          | 0.0                          | 0.0                        | 3.9              | 421.4                        | 410.3                           | 404.1                                 | 396.1                           | .                               | .                             | 333.2               |
| Norway                  | 2472   | 2440    | 38.6                      | 38.8                         | 16.9                               | 5.7                          | 0.5                          | 0.0                        | 0.8              | 540.3                        | 507.0                           | 463.2                                 | 426.2                           | 480.7                           | .                             | 450.4               |
| Portugal                | 1783   | 1769    | 39.3                      | 40.8                         | 15.1                               | 4.8                          | 0.6                          | 0.0                        | 0.2              | 494.8                        | 460.3                           | 428.1                                 | 414.6                           | 432.4                           | .                             | 483.0               |
| Russian Federation      | 3822   | 3802    | 37.9                      | 35.8                         | 19.5                               | 6.7                          | 0.2                          | 0.0                        | 0.3              | 547.4                        | 499.8                           | 472.1                                 | 430.8                           | 440.8                           | .                             | 452.5               |
| Slovenia                | 1106   | 1088    | 24.7                      | 46.9                         | 22.8                               | 5.6                          | 1.2                          | 0.0                        | 0.6              | 581.0                        | 530.5                           | 494.0                                 | 486.6                           | 482.5                           | .                             | 445.5               |
| Sweden                  | 3727   | 3669    | 22.2                      | 37.9                         | 25.1                               | 14.8                         | 0.2                          | 0.0                        | 1.3              | 499.6                        | 470.6                           | 433.0                                 | 383.5                           | 349.1                           | .                             | 468.4               |
| United States           | 2932   | 2897    | 33.8                      | 35.7                         | 20.4                               | 10.1                         | 0.7                          | 0.0                        | 0.9              | 488.1                        | 436.4                           | 396.9                                 | 360.1                           | 459.3                           | .                             | 341.8               |
| International Avg (n=9) | 24380  | 23997   | 32.9                      | 38.2                         | 20.1                               | 8.8                          | 0.5                          | 0.0                        | 1.3              | 488.9                        | 453.0                           | 421.4                                 | 389.9                           | 407.8                           | .                             | 399.2               |

Question: How much do you agree with these statements about the physics you are studying. Learning physics will help me get ahead in the world  
Location: SQP-21a (PSBP21A)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3938    | 4.4                       | 27.2                         | 50.1                               | 18.3                         | 0.7                          | 0.0                        | 0.3              | 413.0                        | 406.2                           | 364.3                                 | 341.3                           | 302.1                           | .                             | 335.4               |
| Italy                   | 3424   | 3352    | 13.4                      | 42.0                         | 30.1                               | 14.5                         | 0.6                          | 0.0                        | 1.5              | 426.2                        | 389.1                           | 367.4                                 | 303.1                           | 315.4                           | .                             | 321.8               |
| Lebanon                 | 1156   | 1104    | 49.9                      | 34.7                         | 9.7                                | 5.7                          | 0.0                          | 0.0                        | 3.7              | 414.2                        | 415.1                           | 414.5                                 | 385.6                           | .                               | .                             | 338.4               |
| Norway                  | 2472   | 2441    | 32.7                      | 45.8                         | 16.7                               | 4.8                          | 0.5                          | 0.0                        | 0.8              | 529.2                        | 507.7                           | 485.3                                 | 442.8                           | 480.7                           | .                             | 450.9               |
| Portugal                | 1783   | 1770    | 41.2                      | 44.8                         | 11.3                               | 2.7                          | 0.6                          | 0.0                        | 0.1              | 486.2                        | 462.4                           | 430.1                                 | 398.9                           | 432.4                           | .                             | 404.4               |
| Russian Federation      | 3822   | 3804    | 35.3                      | 42.3                         | 17.0                               | 5.4                          | 0.2                          | 0.0                        | 0.2              | 537.4                        | 507.6                           | 471.1                                 | 430.7                           | 440.8                           | .                             | 465.3               |
| Slovenia                | 1106   | 1088    | 30.8                      | 56.8                         | 10.8                               | 1.6                          | 1.2                          | 0.0                        | 0.5              | 554.1                        | 529.2                           | 494.3                                 | 454.3                           | 482.5                           | .                             | 470.5               |
| Sweden                  | 3727   | 3704    | 28.4                      | 47.0                         | 20.0                               | 4.7                          | 0.2                          | 0.0                        | 0.4              | 487.4                        | 462.8                           | 414.9                                 | 350.0                           | 349.1                           | .                             | 443.7               |
| United States           | 2932   | 2898    | 42.0                      | 41.3                         | 12.9                               | 3.9                          | 0.7                          | 0.0                        | 1.0              | 467.9                        | 428.4                           | 397.9                                 | 341.1                           | 459.3                           | .                             | 386.1               |
| International Avg (n=9) | 24380  | 24099   | 30.9                      | 42.4                         | 19.8                               | 6.8                          | 0.5                          | 0.0                        | 0.9              | 479.5                        | 456.5                           | 426.6                                 | 383.1                           | 407.8                           | .                             | 401.8               |

Question: How much do you agree with these statements about the physics you are studying. It is important to do well in my physics class  
Location: SQP-21b (PSBP21B)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3941    | 18.4            | 64.9               | 14.2                  | 2.5                | 0.7                | 0.0              | 0.2       | 399.1              | 371.4                 | 357.6                    | 334.7                 | 302.1                 | .                   | 301.3        |
| Italy                   | 3424   | 3283    | 15.1            | 52.9               | 24.7                  | 7.4                | 0.6                | 0.0              | 3.3       | 395.1              | 381.6                 | 368.2                    | 308.9                 | 315.4                 | .                   | 355.0        |
| Lebanon                 | 1156   | 1102    | 69.6            | 23.5               | 4.6                   | 2.3                | 0.1                | 0.0              | 3.7       | 415.9              | 407.4                 | 384.6                    | 424.1                 | 253.7                 | .                   | 348.4        |
| Norway                  | 2472   | 2437    | 28.0            | 44.1               | 21.8                  | 6.1                | 0.5                | 0.0              | 1.0       | 517.6              | 514.4                 | 493.2                    | 470.5                 | 480.7                 | .                   | 449.5        |
| Portugal                | 1783   | 1770    | 64.4            | 28.9               | 5.8                   | 0.9                | 0.6                | 0.0              | 0.1       | 474.4              | 458.6                 | 427.2                    | 442.7                 | 432.4                 | .                   | 404.4        |
| Russian Federation      | 3822   | 3801    | 41.6            | 37.2               | 15.7                  | 5.5                | 0.2                | 0.0              | 0.3       | 542.8              | 499.9                 | 459.8                    | 433.5                 | 440.8                 | .                   | 449.5        |
| Slovenia                | 1106   | 1090    | 5.4             | 23.9               | 51.8                  | 18.9               | 1.2                | 0.0              | 0.3       | 527.8              | 526.2                 | 531.6                    | 540.4                 | 482.5                 | .                   | 490.4        |
| Sweden                  | 3727   | 3703    | 32.4            | 48.5               | 15.9                  | 3.2                | 0.2                | 0.0              | 0.3       | 470.8              | 452.0                 | 444.5                    | 399.9                 | 349.1                 | .                   | 346.0        |
| United States           | 2932   | 2893    | 58.7            | 33.5               | 5.8                   | 1.9                | 0.7                | 0.0              | 1.1       | 451.0              | 422.3                 | 420.7                    | 355.7                 | 459.3                 | .                   | 384.3        |
| International Avg (n=9) | 24380  | 24020   | 37.1            | 39.7               | 17.8                  | 5.4                | 0.5                | 0.0              | 1.1       | 466.1              | 448.2                 | 431.9                    | 412.2                 | 390.7                 | .                   | 392.1        |

Question: How much do you agree with these statements about the physics you are studying. The physics I am studying is not useful for my future  
Location: SQP-21c (PSBP21C)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3931    | 13.7                      | 23.3                         | 42.0                               | 21.0                         | 0.7                          | 0.0                        | 0.4              | 324.1                        | 353.7                           | 381.0                                 | 413.9                           | 302.1                           | .                             | 320.6               |
| Italy                   | 3424   | 3339    | 10.1                      | 26.4                         | 39.7                               | 23.8                         | 0.6                          | 0.0                        | 1.8              | 311.3                        | 359.8                           | 384.9                                 | 401.0                           | 315.4                           | .                             | 353.5               |
| Lebanon                 | 1156   | 1099    | 13.4                      | 19.2                         | 22.8                               | 44.5                         | 0.1                          | 0.0                        | 3.9              | 372.5                        | 399.6                           | 414.8                                 | 429.9                           | 187.5                           | .                             | 347.7               |
| Norway                  | 2472   | 2428    | 8.3                       | 16.7                         | 34.8                               | 40.2                         | 0.5                          | 0.0                        | 1.3              | 470.0                        | 466.4                           | 502.1                                 | 538.6                           | 480.7                           | .                             | 450.5               |
| Portugal                | 1783   | 1764    | 5.7                       | 16.4                         | 34.7                               | 43.2                         | 0.7                          | 0.0                        | 0.3              | 413.0                        | 441.4                           | 459.3                                 | 489.8                           | 435.8                           | .                             | 431.0               |
| Russian Federation      | 3822   | 3794    | 17.9                      | 18.5                         | 27.0                               | 36.6                         | 0.2                          | 0.0                        | 0.5              | 493.7                        | 477.8                           | 507.6                                 | 529.7                           | 440.8                           | .                             | 495.6               |
| Slovenia                | 1106   | 1086    | 5.8                       | 17.2                         | 47.6                               | 29.4                         | 1.2                          | 0.0                        | 0.7              | 490.7                        | 499.2                           | 527.2                                 | 566.3                           | 482.5                           | .                             | 508.5               |
| Sweden                  | 3727   | 3660    | 5.5                       | 16.0                         | 40.9                               | 37.6                         | 0.2                          | 0.0                        | 1.4              | 347.8                        | 417.6                           | 451.0                                 | 490.8                           | 349.1                           | .                             | 447.4               |
| United States           | 2932   | 2895    | 8.7                       | 19.9                         | 37.6                               | 33.7                         | 0.7                          | 0.0                        | 0.8              | 367.8                        | 412.3                           | 429.4                                 | 479.4                           | 459.3                           | .                             | 400.7               |
| International Avg (n=9) | 24380  | 23996   | 9.9                       | 19.3                         | 36.4                               | 34.5                         | 0.5                          | 0.0                        | 1.2              | 399.0                        | 425.3                           | 450.8                                 | 482.2                           | 383.7                           | .                             | 417.3               |

Question: How much do you agree with these statements about the physics you are studying. My parents are pleased that I am taking physics  
Location: SQP-21d (PSBP21D)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3906    | 13.3            | 64.9               | 18.4                  | 3.4                | 0.7                | 0.0              | 0.9       | 405.1              | 380.6                 | 336.4                    | 318.5                 | 302.1                 | .                   | 364.5        |
| Italy                   | 3424   | 3318    | 31.1            | 55.0               | 10.6                  | 3.3                | 0.6                | 0.0              | 2.4       | 399.5              | 370.1                 | 349.2                    | 311.6                 | 315.4                 | .                   | 341.8        |
| Lebanon                 | 1156   | 1086    | 60.2            | 28.6               | 5.8                   | 5.4                | 0.1                | 0.0              | 5.1       | 421.9              | 404.7                 | 380.8                    | 390.3                 | 430.5                 | .                   | 358.2        |
| Norway                  | 2472   | 2395    | 43.6            | 47.1               | 8.2                   | 1.1                | 0.5                | 0.0              | 2.6       | 520.0              | 505.1                 | 466.8                    | 441.8                 | 480.7                 | .                   | 493.2        |
| Portugal                | 1783   | 1759    | 44.3            | 45.1               | 8.1                   | 2.5                | 0.6                | 0.0              | 0.7       | 483.0              | 459.3                 | 429.3                    | 445.8                 | 432.4                 | .                   | 438.9        |
| Russian Federation      | 3822   | 3803    | 35.4            | 34.6               | 19.9                  | 10.1               | 0.2                | 0.0              | 0.3       | 540.2              | 512.7                 | 472.7                    | 445.9                 | 440.8                 | .                   | 478.0        |
| Slovenia                | 1106   | 1077    | 14.5            | 63.0               | 18.5                  | 4.0                | 1.2                | 0.0              | 1.5       | 572.7              | 536.8                 | 490.6                    | 492.5                 | 482.5                 | .                   | 531.7        |
| Sweden                  | 3727   | 3662    | 42.0            | 48.7               | 7.3                   | 2.0                | 0.2                | 0.0              | 1.5       | 471.0              | 448.2                 | 421.8                    | 419.3                 | 349.1                 | .                   | 428.9        |
| United States           | 2932   | 2889    | 41.8            | 45.1               | 9.5                   | 3.6                | 0.7                | 0.0              | 1.0       | 465.6              | 425.8                 | 403.0                    | 348.0                 | 459.3                 | .                   | 410.3        |
| International Avg (n=9) | 24380  | 23895   | 36.2            | 48.0               | 11.8                  | 3.9                | 0.5                | 0.0              | 1.8       | 475.4              | 449.3                 | 416.7                    | 401.5                 | 410.3                 | .                   | 427.3        |



Question: How much do you agree with these statements about the physics you are studying. Doing well in physics will help me get into the <university>  
of my choice

Location: SQP-21e (PSBP21E)

| Country                 | Sample | Valid N | 1.Agre          | 2.Agre             | 3.Disa                   | 4.Disa                | Not                   | Not                 | Omitte | 1.Agre             | 2.Agre                | 3.Disa                      | 4.Disa                   | Not                      | Not                    | Omitte |
|-------------------------|--------|---------|-----------------|--------------------|--------------------------|-----------------------|-----------------------|---------------------|--------|--------------------|-----------------------|-----------------------------|--------------------------|--------------------------|------------------------|--------|
|                         |        |         | e a<br>lot<br>% | e a<br>little<br>% | gree<br>a<br>little<br>% | gree<br>a<br>lot<br>% | Admini<br>stered<br>% | Applic<br>able<br>% |        | e a<br>lot<br>Mean | e a<br>little<br>Mean | gree<br>a<br>little<br>Mean | gree<br>a<br>lot<br>Mean | Admini<br>stered<br>Mean | Applic<br>able<br>Mean |        |
| France                  | 3958   | 3937    | 32.4            | 32.3               | 20.6                     | 14.7                  | 0.7                   | 0.0                 | 0.2    | 412.2              | 367.7                 | 348.4                       | 337.3                    | 302.1                    | .                      | 313.2  |
| Italy                   | 3424   | 3326    | 25.7            | 31.4               | 20.3                     | 22.6                  | 0.6                   | 0.0                 | 2.2    | 416.3              | 391.5                 | 353.4                       | 325.1                    | 315.4                    | .                      | 336.6  |
| Lebanon                 | 1156   | 1103    | 64.6            | 23.9               | 6.6                      | 4.9                   | 0.2                   | 0.0                 | 3.6    | 418.6              | 405.7                 | 393.0                       | 406.6                    | 294.1                    | .                      | 333.8  |
| Norway                  | 2472   | 2438    | 63.4            | 25.1               | 7.1                      | 4.4                   | 0.5                   | 0.0                 | 0.9    | 527.1              | 487.4                 | 457.5                       | 427.6                    | 480.7                    | .                      | 464.4  |
| Portugal                | 1783   | 1769    | 59.5            | 24.6               | 9.2                      | 6.7                   | 0.6                   | 0.0                 | 0.1    | 482.3              | 454.9                 | 430.2                       | 423.8                    | 432.4                    | .                      | 409.5  |
| Russian Federation      | 3822   | 3802    | 49.4            | 16.1               | 17.8                     | 16.7                  | 0.2                   | 0.0                 | 0.3    | 537.8              | 508.3                 | 479.4                       | 448.3                    | 440.8                    | .                      | 478.3  |
| Slovenia                | 1106   | 1090    | 23.4            | 37.5               | 24.8                     | 14.3                  | 1.2                   | 0.0                 | 0.3    | 533.7              | 526.6                 | 528.5                       | 547.9                    | 482.5                    | .                      | 490.4  |
| Sweden                  | 3727   | 3679    | 56.0            | 28.2               | 10.7                     | 5.2                   | 0.2                   | 0.0                 | 0.9    | 475.4              | 435.6                 | 424.8                       | 404.0                    | 349.1                    | .                      | 430.8  |
| United States           | 2932   | 2897    | 47.2            | 33.6               | 13.8                     | 5.4                   | 0.7                   | 0.0                 | 0.8    | 465.5              | 426.1                 | 396.3                       | 369.6                    | 459.3                    | .                      | 392.4  |
| International Avg (n=9) | 24380  | 24041   | 46.9            | 28.1               | 14.5                     | 10.5                  | 0.5                   | 0.0                 | 1.0    | 474.3              | 444.9                 | 423.5                       | 410.0                    | 395.2                    | .                      | 405.5  |

Question: How much do you agree with these statements about the physics you are studying. Learning physics does not seem to be a worthwhile exercise  
Location: SQP-21f (PSBP21F)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3938    | 2.3                       | 6.3                          | 46.6                               | 44.8                         | 0.7                          | 0.0                        | 0.2              | 305.2                        | 313.8                           | 354.8                                 | 405.2                           | 302.1                           | .                             | 317.9               |
| Italy                   | 3424   | 3302    | 6.2                       | 18.2                         | 39.7                               | 36.0                         | 0.6                          | 0.0                        | 2.9              | 287.1                        | 338.0                           | 371.4                                 | 411.1                           | 315.4                           | .                             | 370.5               |
| Lebanon                 | 1156   | 1054    | 14.9                      | 24.6                         | 22.3                               | 38.2                         | 0.2                          | 0.0                        | 7.6              | 388.2                        | 394.0                           | 412.4                                 | 434.6                           | 386.8                           | .                             | 379.5               |
| Norway                  | 2472   | 2439    | 6.9                       | 15.0                         | 31.3                               | 46.8                         | 0.5                          | 0.0                        | 0.9              | 422.3                        | 458.3                           | 496.2                                 | 544.2                           | 480.7                           | .                             | 448.9               |
| Portugal                | 1783   | 1768    | 2.3                       | 5.4                          | 23.9                               | 68.4                         | 0.6                          | 0.0                        | 0.2              | 396.4                        | 407.6                           | 443.1                                 | 482.2                           | 432.4                           | .                             | 456.6               |
| Russian Federation      | 3822   | 3800    | 6.6                       | 14.1                         | 45.4                               | 33.9                         | 0.2                          | 0.0                        | 0.4              | 483.5                        | 473.9                           | 501.1                                 | 535.9                           | 440.8                           | .                             | 443.8               |
| Slovenia                | 1106   | 1087    | 6.0                       | 19.4                         | 50.6                               | 24.0                         | 1.2                          | 0.0                        | 0.6              | 523.4                        | 495.0                           | 536.6                                 | 553.9                           | 482.5                           | .                             | 486.2               |
| Sweden                  | 3727   | 3650    | 4.3                       | 12.6                         | 36.1                               | 47.0                         | 0.2                          | 0.0                        | 1.5              | 332.4                        | 387.4                           | 448.7                                 | 488.9                           | 349.1                           | .                             | 453.9               |
| United States           | 2932   | 2898    | 6.3                       | 13.7                         | 41.2                               | 38.8                         | 0.7                          | 0.0                        | 0.8              | 345.1                        | 380.4                           | 419.8                                 | 491.2                           | 459.3                           | .                             | 406.4               |
| International Avg (n=9) | 24380  | 23936   | 6.2                       | 14.3                         | 37.5                               | 42.0                         | 0.5                          | 0.0                        | 1.7              | 387.1                        | 405.4                           | 442.7                                 | 483.0                           | 405.4                           | .                             | 418.2               |

Question: How much do you agree with these statements about the physics you are studying. My parents think that it is important that I do well

in my physics class

Location: SQP-21g (PSBP21G)

| Country                 | Sample | Valid N | 1.Agre          | 2.Agre             | 3.Disa                   | 4.Disa                | Not                   | Not                 | Omitte | 1.Agre             | 2.Agre                | 3.Disa                      | 4.Disa                   | Not                      | Not                    | Omitte |
|-------------------------|--------|---------|-----------------|--------------------|--------------------------|-----------------------|-----------------------|---------------------|--------|--------------------|-----------------------|-----------------------------|--------------------------|--------------------------|------------------------|--------|
|                         |        |         | e a<br>lot<br>% | e a<br>little<br>% | gree<br>a<br>little<br>% | gree<br>a<br>lot<br>% | Admini<br>stered<br>% | Applic<br>able<br>% |        | e a<br>lot<br>Mean | e a<br>little<br>Mean | gree<br>a<br>little<br>Mean | gree<br>a<br>lot<br>Mean | Admini<br>stered<br>Mean | Applic<br>able<br>Mean |        |
| France                  | 3958   | 3925    | 31.7            | 59.4               | 7.5                      | 1.4                   | 0.7                   | 0.0                 | 0.6    | 385.7              | 372.0                 | 346.7                       | 322.2                    | 302.1                    | .                      | 335.9  |
| Italy                   | 3424   | 3331    | 29.8            | 51.7               | 13.9                     | 4.6                   | 0.6                   | 0.0                 | 2.3    | 378.5              | 378.3                 | 370.5                       | 343.9                    | 315.4                    | .                      | 313.8  |
| Lebanon                 | 1156   | 1095    | 71.2            | 22.5               | 4.0                      | 2.3                   | 0.3                   | 0.0                 | 4.1    | 415.5              | 414.2                 | 366.2                       | 403.8                    | 349.3                    | .                      | 349.3  |
| Norway                  | 2472   | 2430    | 44.7            | 43.4               | 9.5                      | 2.3                   | 0.5                   | 0.0                 | 1.2    | 505.3              | 511.9                 | 503.7                       | 505.1                    | 480.7                    | .                      | 456.6  |
| Portugal                | 1783   | 1767    | 67.5            | 27.1               | 4.3                      | 1.0                   | 0.6                   | 0.0                 | 0.3    | 472.9              | 459.9                 | 423.9                       | 436.3                    | 432.4                    | .                      | 450.3  |
| Russian Federation      | 3822   | 3795    | 45.9            | 34.8               | 12.3                     | 7.0                   | 0.2                   | 0.0                 | 0.5    | 534.4              | 504.9                 | 462.2                       | 428.4                    | 440.8                    | .                      | 478.9  |
| Slovenia                | 1106   | 1085    | 13.4            | 52.6               | 26.9                     | 7.0                   | 1.2                   | 0.0                 | 0.7    | 534.6              | 538.5                 | 521.3                       | 516.2                    | 482.5                    | .                      | 514.6  |
| Sweden                  | 3727   | 3687    | 35.7            | 46.2               | 14.4                     | 3.6                   | 0.2                   | 0.0                 | 0.8    | 449.2              | 459.3                 | 454.5                       | 462.6                    | 349.1                    | .                      | 421.3  |
| United States           | 2932   | 2893    | 58.4            | 33.4               | 6.3                      | 1.9                   | 0.7                   | 0.0                 | 1.2    | 447.0              | 428.6                 | 415.7                       | 384.8                    | 459.3                    | .                      | 393.6  |
| International Avg (n=9) | 24380  | 24008   | 44.3            | 41.3               | 11.0                     | 3.5                   | 0.6                   | 0.0                 | 1.3    | 458.1              | 451.9                 | 429.4                       | 422.6                    | 401.3                    | .                      | 412.7  |

Question: How much do you agree with these statements about the physics you are studying. I like telling people I am studying physics  
Location: SQP-21h (PSBP21H)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3932    | 6.6             | 35.5               | 43.7                  | 14.3               | 0.7                | 0.0              | 0.4       | 407.2              | 392.9                 | 363.3                    | 342.0                 | 302.1                 | .                   | 348.1        |
| Italy                   | 3424   | 3336    | 11.5            | 31.3               | 34.2                  | 22.9               | 0.6                | 0.0              | 2.0       | 412.9              | 390.8                 | 372.3                    | 336.8                 | 315.4                 | .                   | 357.0        |
| Lebanon                 | 1156   | 1097    | 52.8            | 27.0               | 13.1                  | 7.1                | 0.0                | 0.0              | 4.1       | 414.9              | 415.1                 | 405.9                    | 401.1                 | .                     | .                   | 348.1        |
| Norway                  | 2472   | 2419    | 24.6            | 39.7               | 25.6                  | 10.0               | 0.5                | 0.0              | 1.7       | 516.8              | 513.1                 | 499.4                    | 487.2                 | 480.7                 | .                   | 476.6        |
| Portugal                | 1783   | 1767    | 30.8            | 36.6               | 22.2                  | 10.4               | 0.6                | 0.0              | 0.2       | 482.5              | 469.5                 | 454.9                    | 436.2                 | 438.1                 | .                   | 465.7        |
| Russian Federation      | 3822   | 3801    | 27.9            | 31.3               | 26.0                  | 14.7               | 0.2                | 0.0              | 0.4       | 534.4              | 517.6                 | 494.7                    | 459.1                 | 440.8                 | .                   | 488.1        |
| Slovenia                | 1106   | 1089    | 13.5            | 50.5               | 28.4                  | 7.5                | 1.2                | 0.0              | 0.4       | 550.5              | 531.5                 | 526.8                    | 518.6                 | 482.5                 | .                   | 502.5        |
| Sweden                  | 3727   | 3670    | 11.5            | 25.9               | 39.4                  | 23.2               | 0.2                | 0.0              | 1.2       | 462.1              | 469.6                 | 455.8                    | 434.1                 | 349.1                 | .                   | 439.0        |
| United States           | 2932   | 2895    | 28.0            | 40.3               | 24.1                  | 7.5                | 0.7                | 0.0              | 0.8       | 453.9              | 441.2                 | 430.4                    | 379.4                 | 459.3                 | .                   | 396.0        |
| International Avg (n=9) | 24380  | 24006   | 23.0            | 35.4               | 28.5                  | 13.1               | 0.5                | 0.0              | 1.2       | 470.6              | 460.1                 | 444.8                    | 421.6                 | 408.5                 | .                   | 424.6        |

Question: How much do you agree with these statements about the physics you are studying. Learning physics will give me more job opportunities  
Location: SQP-21i (PSBP21I)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3939    | 25.3            | 48.9               | 18.0                  | 7.9                | 0.7                | 0.0              | 0.2       | 402.6              | 377.8                 | 339.7                    | 332.4                 | 302.1                 | .                   | 314.2        |
| Italy                   | 3424   | 3344    | 20.7            | 40.4               | 25.3                  | 13.5               | 0.6                | 0.0              | 1.8       | 401.1              | 391.5                 | 362.6                    | 315.5                 | 315.4                 | .                   | 288.2        |
| Lebanon                 | 1156   | 1100    | 64.2            | 23.9               | 6.3                   | 5.7                | 0.4                | 0.0              | 3.8       | 416.5              | 416.5                 | 391.7                    | 384.3                 | 301.5                 | .                   | 346.2        |
| Norway                  | 2472   | 2426    | 42.1            | 33.5               | 16.7                  | 7.7                | 0.5                | 0.0              | 1.4       | 513.4              | 511.0                 | 503.3                    | 476.0                 | 480.7                 | .                   | 464.4        |
| Portugal                | 1783   | 1770    | 45.3            | 38.3               | 11.8                  | 4.6                | 0.6                | 0.0              | 0.1       | 481.1              | 462.4                 | 445.6                    | 417.2                 | 432.4                 | .                   | 404.4        |
| Russian Federation      | 3822   | 3804    | 45.6            | 27.3               | 16.4                  | 10.7               | 0.2                | 0.0              | 0.2       | 535.8              | 508.1                 | 477.3                    | 434.0                 | 440.8                 | .                   | 465.3        |
| Slovenia                | 1106   | 1089    | 20.8            | 49.3               | 23.8                  | 6.1                | 1.2                | 0.0              | 0.4       | 551.7              | 532.3                 | 524.2                    | 489.8                 | 482.5                 | .                   | 495.1        |
| Sweden                  | 3727   | 3685    | 34.9            | 42.9               | 17.2                  | 5.1                | 0.2                | 0.0              | 0.7       | 466.2              | 459.7                 | 443.1                    | 384.8                 | 349.1                 | .                   | 394.0        |
| United States           | 2932   | 2898    | 41.7            | 37.4               | 15.6                  | 5.3                | 0.7                | 0.0              | 0.8       | 463.6              | 431.4                 | 403.7                    | 375.3                 | 459.3                 | .                   | 389.6        |
| International Avg (n=9) | 24380  | 24055   | 37.9            | 38.0               | 16.8                  | 7.4                | 0.6                | 0.0              | 1.0       | 470.2              | 454.5                 | 432.4                    | 401.0                 | 396.0                 | .                   | 395.7        |

Question: What do you think about your school? Tell how much you agree with these statements. I enjoy school  
Location: SQP-22a (PSBP22A)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3935    | 19.4            | 59.2               | 16.6                  | 4.8                | 0.7                | 0.0              | 0.3       | 393.0              | 377.5                 | 349.3                    | 330.2                 | 302.1                 | .                   | 363.7        |
| Italy                   | 3424   | 3371    | 16.7            | 52.2               | 20.3                  | 10.8               | 0.6                | 0.0              | 1.0       | 374.9              | 379.4                 | 385.0                    | 337.5                 | 315.4                 | .                   | 280.0        |
| Lebanon                 | 1156   | 1115    | 32.9            | 38.6               | 15.2                  | 13.3               | 0.0                | 0.0              | 2.8       | 400.4              | 416.9                 | 434.3                    | 402.7                 | .                     | .                   | 339.6        |
| Norway                  | 2472   | 2441    | 50.9            | 38.2               | 8.7                   | 2.2                | 0.5                | 0.0              | 0.8       | 515.2              | 504.7                 | 492.6                    | 446.0                 | 480.7                 | .                   | 463.6        |
| Portugal                | 1783   | 1771    | 34.9            | 46.4               | 12.4                  | 6.3                | 0.6                | 0.0              | 0.0       | 471.7              | 471.0                 | 457.8                    | 426.6                 | 432.4                 | .                   | 454.7        |
| Russian Federation      | 3822   | 3805    | 60.7            | 30.2               | 6.5                   | 2.7                | 0.2                | 0.0              | 0.2       | 509.1              | 506.1                 | 506.3                    | 498.0                 | 440.8                 | .                   | 479.1        |
| Slovenia                | 1106   | 1090    | 12.6            | 47.9               | 28.9                  | 10.6               | 1.2                | 0.0              | 0.3       | 554.4              | 543.5                 | 517.7                    | 488.7                 | 482.5                 | .                   | 541.5        |
| Sweden                  | 3727   | 3705    | 68.0            | 26.8               | 3.9                   | 1.3                | 0.2                | 0.0              | 0.5       | 465.8              | 439.0                 | 388.9                    | 402.3                 | 349.1                 | .                   | 464.6        |
| United States           | 2932   | 2906    | 37.1            | 46.0               | 12.1                  | 4.8                | 0.7                | 0.0              | 0.6       | 442.3              | 436.4                 | 434.4                    | 417.5                 | 459.3                 | .                   | 391.2        |
| International Avg (n=9) | 24380  | 24139   | 37.0            | 42.8               | 13.8                  | 6.3                | 0.5                | 0.0              | 0.7       | 458.5              | 452.7                 | 440.7                    | 416.6                 | 407.8                 | .                   | 419.8        |

Question: What do you think about your school? Tell how much you agree with these statements. I feel safe when I am at school  
Location: SQP-22b (PSBP22B)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3939    | 33.6            | 58.2               | 6.3                   | 2.0                | 0.7                | 0.0              | 0.2       | 395.2              | 367.0                 | 340.2                    | 303.2                 | 302.1                 | .                   | 375.9        |
| Italy                   | 3424   | 3366    | 22.5            | 44.4               | 22.5                  | 10.6               | 0.6                | 0.0              | 1.1       | 381.8              | 382.6                 | 367.3                    | 348.2                 | 315.4                 | .                   | 284.2        |
| Lebanon                 | 1156   | 1106    | 48.0            | 33.6               | 11.3                  | 7.1                | 0.0                | 0.0              | 3.7       | 412.3              | 411.3                 | 419.6                    | 403.7                 | .                     | .                   | 356.9        |
| Norway                  | 2472   | 2445    | 82.4            | 15.0               | 2.2                   | 0.4                | 0.5                | 0.0              | 0.6       | 512.5              | 487.5                 | 485.5                    | 482.6                 | 480.7                 | .                   | 406.5        |
| Portugal                | 1783   | 1771    | 56.6            | 31.9               | 8.8                   | 2.7                | 0.6                | 0.0              | 0.0       | 475.6              | 457.6                 | 451.2                    | 441.9                 | 432.4                 | .                   | 454.7        |
| Russian Federation      | 3822   | 3802    | 57.4            | 33.1               | 6.9                   | 2.6                | 0.2                | 0.0              | 0.2       | 513.5              | 505.6                 | 484.1                    | 469.3                 | 440.8                 | .                   | 475.1        |
| Slovenia                | 1106   | 1091    | 24.1            | 62.3               | 10.3                  | 3.3                | 1.2                | 0.0              | 0.3       | 561.5              | 528.1                 | 500.2                    | 482.3                 | 482.5                 | .                   | 498.4        |
| Sweden                  | 3727   | 3708    | 80.7            | 17.0               | 1.9                   | 0.5                | 0.2                | 0.0              | 0.3       | 464.5              | 427.5                 | 321.3                    | 377.9                 | 349.1                 | .                   | 355.2        |
| United States           | 2932   | 2905    | 62.6            | 31.0               | 5.0                   | 1.3                | 0.7                | 0.0              | 0.4       | 451.8              | 418.8                 | 390.2                    | 364.1                 | 459.3                 | .                   | 406.6        |
| International Avg (n=9) | 24380  | 24133   | 52.0            | 36.3               | 8.4                   | 3.4                | 0.5                | 0.0              | 0.8       | 463.2              | 442.9                 | 417.7                    | 408.1                 | 407.8                 | .                   | 401.5        |

Question: What do you think about your school? Tell how much you agree with these statements. I feel like I belong at this school  
Location: SQP-22c (PSBP22C)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3932    | 20.5                      | 48.2                         | 25.1                               | 6.2                          | 0.7                          | 0.0                        | 0.4              | 393.7                        | 378.6                           | 355.5                                 | 342.4                           | 302.1                           | .                             | 347.9               |
| Italy                   | 3424   | 3365    | 28.9                      | 40.1                         | 19.8                               | 11.2                         | 0.6                          | 0.0                        | 1.2              | 365.4                        | 381.9                           | 385.0                                 | 358.5                           | 315.4                           | .                             | 308.7               |
| Lebanon                 | 1156   | 1102    | 49.8                      | 28.9                         | 12.3                               | 8.9                          | 0.0                          | 0.0                        | 3.9              | 411.4                        | 412.9                           | 415.6                                 | 414.1                           | .                               | .                             | 349.8               |
| Norway                  | 2472   | 2441    | 65.7                      | 23.5                         | 8.4                                | 2.4                          | 0.5                          | 0.0                        | 0.8              | 513.3                        | 504.4                           | 480.7                                 | 483.0                           | 480.7                           | .                             | 457.2               |
| Portugal                | 1783   | 1762    | 49.3                      | 35.7                         | 10.7                               | 4.3                          | 0.6                          | 0.0                        | 0.6              | 472.2                        | 464.5                           | 464.8                                 | 433.7                           | 432.4                           | .                             | 434.6               |
| Russian Federation      | 3822   | 3794    | 55.9                      | 31.4                         | 9.1                                | 3.6                          | 0.2                          | 0.0                        | 0.4              | 512.2                        | 503.4                           | 504.9                                 | 483.0                           | 440.8                           | .                             | 495.3               |
| Slovenia                | 1106   | 1088    | 19.6                      | 51.2                         | 21.8                               | 7.5                          | 1.2                          | 0.0                        | 0.5              | 565.0                        | 527.4                           | 523.1                                 | 502.9                           | 482.5                           | .                             | 462.7               |
| Sweden                  | 3727   | 3701    | 59.6                      | 27.7                         | 9.3                                | 3.4                          | 0.2                          | 0.0                        | 0.5              | 467.5                        | 449.0                           | 426.7                                 | 362.8                           | 349.1                           | .                             | 424.6               |
| United States           | 2932   | 2900    | 47.4                      | 35.9                         | 10.8                               | 5.9                          | 0.7                          | 0.0                        | 0.5              | 449.8                        | 426.9                           | 433.8                                 | 408.6                           | 459.3                           | .                             | 385.8               |
| International Avg (n=9) | 24380  | 24085   | 44.1                      | 35.8                         | 14.1                               | 5.9                          | 0.5                          | 0.0                        | 1.0              | 461.2                        | 449.9                           | 443.3                                 | 421.0                           | 407.8                           | .                             | 407.4               |



Question: What do you think about your school? Tell how much you agree with these statements. I like to see my classmates at school  
Location: SQP-22d (PSBP22D)

| Country                 | Sample | Valid N | 1.Agre<br>e a<br>lot<br>% | 2.Agre<br>e a<br>little<br>% | 3.Disa<br>gree<br>a<br>little<br>% | 4.Disa<br>gree<br>a lot<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.Agre<br>e a<br>lot<br>Mean | 2.Agre<br>e a<br>little<br>Mean | 3.Disa<br>gree<br>a<br>little<br>Mean | 4.Disa<br>gree<br>a lot<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|---------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|----------------------------|------------------|------------------------------|---------------------------------|---------------------------------------|---------------------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3937    | 56.0                      | 38.6                         | 3.7                                | 1.7                          | 0.7                          | 0.0                        | 0.3              | 386.1                        | 362.4                           | 326.2                                 | 320.3                           | 302.1                           | .                             | 335.7               |
| Italy                   | 3424   | 3370    | 59.2                      | 31.2                         | 6.6                                | 3.1                          | 0.6                          | 0.0                        | 1.1              | 372.0                        | 383.0                           | 368.7                                 | 357.3                           | 315.4                           | .                             | 328.7               |
| Lebanon                 | 1156   | 1098    | 69.4                      | 22.8                         | 4.3                                | 3.4                          | 0.0                          | 0.0                        | 4.2              | 412.3                        | 420.5                           | 389.9                                 | 392.3                           | .                               | .                             | 356.9               |
| Norway                  | 2472   | 2444    | 82.2                      | 14.7                         | 2.5                                | 0.6                          | 0.5                          | 0.0                        | 0.6              | 512.1                        | 489.8                           | 489.2                                 | 469.9                           | 480.7                           | .                             | 415.3               |
| Portugal                | 1783   | 1763    | 79.0                      | 17.9                         | 2.3                                | 0.8                          | 0.6                          | 0.0                        | 0.5              | 468.7                        | 464.2                           | 457.8                                 | 396.8                           | 436.6                           | .                             | 410.7               |
| Russian Federation      | 3822   | 3805    | 68.0                      | 25.1                         | 5.1                                | 1.8                          | 0.2                          | 0.0                        | 0.2              | 507.6                        | 509.0                           | 509.1                                 | 493.5                           | 440.8                           | .                             | 449.5               |
| Slovenia                | 1106   | 1090    | 45.9                      | 47.0                         | 5.5                                | 1.6                          | 1.2                          | 0.0                        | 0.3              | 546.3                        | 523.3                           | 501.2                                 | 463.8                           | 482.5                           | .                             | 519.3               |
| Sweden                  | 3727   | 3700    | 72.6                      | 21.9                         | 4.2                                | 1.3                          | 0.2                          | 0.0                        | 0.6              | 462.1                        | 442.2                           | 417.8                                 | 398.8                           | 349.1                           | .                             | 422.4               |
| United States           | 2932   | 2905    | 62.9                      | 29.8                         | 5.7                                | 1.7                          | 0.7                          | 0.0                        | 0.5              | 448.2                        | 419.3                           | 429.8                                 | 360.8                           | 459.3                           | .                             | 446.0               |
| International Avg (n=9) | 24380  | 24112   | 66.1                      | 27.7                         | 4.4                                | 1.8                          | 0.5                          | 0.0                        | 0.9              | 457.3                        | 446.0                           | 432.2                                 | 406.0                           | 408.3                           | .                             | 409.4               |

Question: What do you think about your school? Tell how much you agree with these statements. Teachers at my school are fair to me  
Location: SQP-22e (PSBP22E)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3934    | 26.0            | 61.6               | 9.9                   | 2.5                | 0.7                | 0.0              | 0.3       | 397.5              | 371.6                 | 336.1                    | 323.9                 | 302.1                 | .                   | 350.7        |
| Italy                   | 3424   | 3269    | 20.7            | 44.4               | 24.6                  | 10.2               | 0.6                | 0.0              | 3.8       | 378.7              | 383.8                 | 369.8                    | 341.1                 | 315.4                 | .                   | 357.9        |
| Lebanon                 | 1156   | 1092    | 53.1            | 32.3               | 11.1                  | 3.5                | 0.0                | 0.0              | 4.5       | 411.2              | 417.4                 | 410.1                    | 407.1                 | .                     | .                   | 351.5        |
| Norway                  | 2472   | 2438    | 75.9            | 21.9               | 2.0                   | 0.2                | 0.5                | 0.0              | 0.9       | 516.6              | 485.0                 | 449.8                    | 442.6                 | 480.7                 | .                   | 411.0        |
| Portugal                | 1783   | 1769    | 35.2            | 45.4               | 15.9                  | 3.4                | 0.6                | 0.0              | 0.2       | 477.3              | 466.3                 | 456.8                    | 411.4                 | 432.4                 | .                   | 478.4        |
| Russian Federation      | 3822   | 3800    | 52.9            | 37.0               | 8.4                   | 1.7                | 0.2                | 0.0              | 0.3       | 516.4              | 503.8                 | 482.2                    | 454.2                 | 440.8                 | .                   | 448.8        |
| Slovenia                | 1106   | 1090    | 14.1            | 60.1               | 19.4                  | 6.3                | 1.2                | 0.0              | 0.3       | 566.0              | 539.8                 | 494.6                    | 489.9                 | 482.5                 | .                   | 540.6        |
| Sweden                  | 3727   | 3694    | 45.1            | 43.0               | 9.6                   | 2.3                | 0.2                | 0.0              | 0.7       | 467.9              | 456.0                 | 406.5                    | 389.9                 | 349.1                 | .                   | 424.6        |
| United States           | 2932   | 2905    | 55.9            | 37.0               | 5.9                   | 1.2                | 0.7                | 0.0              | 0.7       | 455.5              | 416.3                 | 413.1                    | 354.5                 | 459.3                 | .                   | 416.0        |
| International Avg (n=9) | 24380  | 23991   | 42.1            | 42.5               | 11.9                  | 3.5                | 0.5                | 0.0              | 1.3       | 465.3              | 448.9                 | 424.3                    | 401.6                 | 407.8                 | .                   | 419.9        |

Question: What do you think about your school? Tell how much you agree with these statements. I am proud to go to this school  
Location: SQP-22f (PSBP22F)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3919    | 21.9            | 56.8               | 17.4                  | 3.8                | 0.7                | 0.0              | 0.8       | 390.4              | 374.5                 | 358.6                    | 333.0                 | 302.1                 | .                   | 359.0        |
| Italy                   | 3424   | 3254    | 24.5            | 41.3               | 22.3                  | 11.9               | 0.6                | 0.0              | 4.1       | 396.0              | 377.6                 | 369.6                    | 336.0                 | 315.4                 | .                   | 349.9        |
| Lebanon                 | 1156   | 1094    | 57.1            | 27.3               | 8.4                   | 7.2                | 0.1                | 0.0              | 4.5       | 417.1              | 410.4                 | 423.2                    | 375.7                 | 297.9                 | .                   | 355.7        |
| Norway                  | 2472   | 2430    | 46.7            | 34.1               | 14.2                  | 5.0                | 0.5                | 0.0              | 1.2       | 518.9              | 507.9                 | 490.7                    | 452.8                 | 480.7                 | .                   | 470.3        |
| Portugal                | 1783   | 1770    | 37.7            | 39.7               | 16.8                  | 5.9                | 0.6                | 0.0              | 0.1       | 472.8              | 468.4                 | 460.6                    | 435.8                 | 432.4                 | .                   | 435.9        |
| Russian Federation      | 3822   | 3801    | 58.7            | 31.5               | 7.2                   | 2.6                | 0.2                | 0.0              | 0.3       | 512.8              | 503.0                 | 494.9                    | 485.1                 | 440.8                 | .                   | 489.5        |
| Slovenia                | 1106   | 1088    | 21.7            | 47.2               | 22.5                  | 8.6                | 1.2                | 0.0              | 0.5       | 568.0              | 530.0                 | 516.1                    | 487.1                 | 482.5                 | .                   | 580.2        |
| Sweden                  | 3727   | 3693    | 47.3            | 32.2               | 14.7                  | 5.8                | 0.2                | 0.0              | 0.7       | 471.4              | 454.5                 | 433.4                    | 384.0                 | 349.1                 | .                   | 395.4        |
| United States           | 2932   | 2904    | 51.3            | 32.6               | 11.1                  | 5.0                | 0.7                | 0.0              | 0.6       | 445.1              | 429.4                 | 444.1                    | 397.3                 | 459.3                 | .                   | 388.5        |
| International Avg (n=9) | 24380  | 23953   | 40.8            | 38.1               | 15.0                  | 6.2                | 0.5                | 0.0              | 1.4       | 465.8              | 450.6                 | 443.5                    | 409.6                 | 395.6                 | .                   | 424.9        |

Question: What do you think about your school? Tell how much you agree with these statements. I learn a lot in school  
Location: SQP-22g (PSBP22G)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3927    | 32.4            | 60.1               | 6.4                   | 1.1                | 0.7                | 0.0              | 0.5       | 394.0              | 367.3                 | 342.9                    | 308.8                 | 302.1                 | .                   | 343.0        |
| Italy                   | 3424   | 3367    | 34.9            | 51.6               | 10.4                  | 3.1                | 0.6                | 0.0              | 1.1       | 394.0              | 371.5                 | 346.7                    | 322.2                 | 315.4                 | .                   | 291.0        |
| Lebanon                 | 1156   | 1097    | 65.4            | 26.7               | 5.1                   | 2.8                | 0.1                | 0.0              | 4.2       | 414.1              | 414.1                 | 396.8                    | 389.8                 | 447.4                 | .                   | 353.9        |
| Norway                  | 2472   | 2445    | 54.6            | 36.6               | 7.3                   | 1.5                | 0.5                | 0.0              | 0.6       | 522.3              | 496.1                 | 470.6                    | 452.9                 | 480.7                 | .                   | 417.2        |
| Portugal                | 1783   | 1765    | 47.7            | 42.4               | 8.4                   | 1.4                | 0.6                | 0.0              | 0.4       | 473.1              | 468.1                 | 434.2                    | 422.5                 | 432.4                 | .                   | 426.1        |
| Russian Federation      | 3822   | 3800    | 58.1            | 33.3               | 7.1                   | 1.5                | 0.2                | 0.0              | 0.3       | 513.3              | 502.1                 | 491.8                    | 491.1                 | 440.8                 | .                   | 477.3        |
| Slovenia                | 1106   | 1089    | 21.4            | 59.9               | 15.8                  | 2.9                | 1.2                | 0.0              | 0.5       | 570.9              | 530.3                 | 494.6                    | 488.6                 | 482.5                 | .                   | 432.1        |
| Sweden                  | 3727   | 3690    | 46.3            | 41.4               | 10.1                  | 2.3                | 0.2                | 0.0              | 0.9       | 481.0              | 444.1                 | 407.2                    | 325.7                 | 349.1                 | .                   | 460.9        |
| United States           | 2932   | 2901    | 51.7            | 37.4               | 8.6                   | 2.3                | 0.7                | 0.0              | 0.6       | 447.9              | 426.8                 | 428.4                    | 408.7                 | 459.3                 | .                   | 390.2        |
| International Avg (n=9) | 24380  | 24081   | 45.8            | 43.3               | 8.8                   | 2.1                | 0.5                | 0.0              | 1.0       | 467.9              | 446.7                 | 423.7                    | 401.2                 | 412.2                 | .                   | 399.1        |

Question: What do you think about your school? Tell how much you agree with these statements. My classmates respect students who excel in school subjects  
Location: SQP-22h (PSBP22H)

| Country                 | Sample | Valid N | 1.Agree a lot % | 2.Agree a little % | 3.Disagree a little % | 4.Disagree a lot % | Not Administered % | Not Applicable % | Omitted % | 1.Agree a lot Mean | 2.Agree a little Mean | 3.Disagree a little Mean | 4.Disagree a lot Mean | Not Administered Mean | Not Applicable Mean | Omitted Mean |
|-------------------------|--------|---------|-----------------|--------------------|-----------------------|--------------------|--------------------|------------------|-----------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------|
| France                  | 3958   | 3937    | 36.1            | 52.3               | 9.4                   | 2.2                | 0.7                | 0.0              | 0.2       | 385.4              | 372.0                 | 350.6                    | 311.9                 | 302.1                 | .                   | 385.4        |
| Italy                   | 3424   | 3367    | 23.4            | 46.9               | 21.7                  | 8.0                | 0.6                | 0.0              | 1.1       | 369.0              | 382.4                 | 374.3                    | 352.6                 | 315.4                 | .                   | 299.7        |
| Lebanon                 | 1156   | 1095    | 55.4            | 30.9               | 8.7                   | 5.0                | 0.0                | 0.0              | 4.3       | 410.5              | 417.0                 | 421.8                    | 396.9                 | .                     | .                   | 350.8        |
| Norway                  | 2472   | 2441    | 69.8            | 25.6               | 3.8                   | 0.8                | 0.5                | 0.0              | 0.8       | 513.6              | 498.9                 | 472.9                    | 469.5                 | 480.7                 | .                   | 439.7        |
| Portugal                | 1783   | 1771    | 57.8            | 33.6               | 7.1                   | 1.5                | 0.6                | 0.0              | 0.0       | 469.3              | 463.7                 | 461.4                    | 466.4                 | 432.4                 | .                   | 454.7        |
| Russian Federation      | 3822   | 3796    | 42.9            | 40.6               | 12.8                  | 3.6                | 0.2                | 0.0              | 0.4       | 513.2              | 507.7                 | 497.6                    | 480.3                 | 440.8                 | .                   | 478.4        |
| Slovenia                | 1106   | 1091    | 22.3            | 57.7               | 15.8                  | 4.3                | 1.2                | 0.0              | 0.3       | 552.3              | 527.1                 | 527.5                    | 502.6                 | 482.5                 | .                   | 498.3        |
| Sweden                  | 3727   | 3688    | 60.5            | 32.5               | 5.6                   | 1.4                | 0.2                | 0.0              | 1.0       | 465.3              | 445.8                 | 418.7                    | 397.3                 | 349.1                 | .                   | 401.8        |
| United States           | 2932   | 2905    | 52.2            | 34.6               | 9.6                   | 3.5                | 0.7                | 0.0              | 0.6       | 447.8              | 432.9                 | 412.8                    | 396.9                 | 459.3                 | .                   | 389.8        |
| International Avg (n=9) | 24380  | 24091   | 46.7            | 39.4               | 10.5                  | 3.4                | 0.5                | 0.0              | 1.0       | 458.5              | 449.7                 | 437.5                    | 419.4                 | 407.8                 | .                   | 411.0        |

Question: What do you think about your school? Tell how much you agree with these statements. My classmates respect students who struggle learning school subjects

Location: SQP-22i (PSBP22I)

| Country                 | Sample | Valid N | 1.Agre          | 2.Agre             | 3.Disa                   | 4.Disa                | Not                   | Not                 | Omitte | 1.Agre             | 2.Agre                | 3.Disa                      | 4.Disa                   | Not                      | Not                    | Omitte |
|-------------------------|--------|---------|-----------------|--------------------|--------------------------|-----------------------|-----------------------|---------------------|--------|--------------------|-----------------------|-----------------------------|--------------------------|--------------------------|------------------------|--------|
|                         |        |         | e a<br>lot<br>% | e a<br>little<br>% | gree<br>a<br>little<br>% | gree<br>a<br>lot<br>% | Admini<br>stered<br>% | Applic<br>able<br>% |        | e a<br>lot<br>Mean | e a<br>little<br>Mean | gree<br>a<br>little<br>Mean | gree<br>a<br>lot<br>Mean | Admini<br>stered<br>Mean | Applic<br>able<br>Mean |        |
| France                  | 3958   | 3939    | 30.6            | 54.1               | 11.7                     | 3.6                   | 0.7                   | 0.0                 | 0.2    | 386.3              | 374.7                 | 353.2                       | 313.6                    | 302.1                    | .                      | 379.5  |
| Italy                   | 3424   | 3366    | 25.0            | 44.5               | 21.7                     | 8.8                   | 0.6                   | 0.0                 | 1.2    | 363.6              | 382.9                 | 382.5                       | 354.1                    | 315.4                    | .                      | 276.5  |
| Lebanon                 | 1156   | 1086    | 48.5            | 32.9               | 11.0                     | 7.5                   | 0.1                   | 0.0                 | 5.0    | 411.1              | 421.0                 | 419.5                       | 384.5                    | 359.8                    | .                      | 351.4  |
| Norway                  | 2472   | 2435    | 48.7            | 37.0               | 12.2                     | 2.0                   | 0.5                   | 0.0                 | 1.0    | 513.0              | 508.5                 | 496.3                       | 451.2                    | 480.7                    | .                      | 445.2  |
| Portugal                | 1783   | 1771    | 55.7            | 33.7               | 9.6                      | 1.0                   | 0.6                   | 0.0                 | 0.0    | 469.7              | 463.9                 | 460.2                       | 465.6                    | 432.4                    | .                      | 454.7  |
| Russian Federation      | 3822   | 3802    | 48.4            | 38.7               | 9.8                      | 3.1                   | 0.2                   | 0.0                 | 0.2    | 509.9              | 507.3                 | 505.2                       | 486.4                    | 440.8                    | .                      | 480.7  |
| Slovenia                | 1106   | 1090    | 17.0            | 54.3               | 22.0                     | 6.7                   | 1.2                   | 0.0                 | 0.3    | 541.1              | 526.4                 | 544.9                       | 507.8                    | 482.5                    | .                      | 504.3  |
| Sweden                  | 3727   | 3694    | 46.8            | 37.5               | 12.3                     | 3.3                   | 0.2                   | 0.0                 | 0.8    | 459.2              | 463.5                 | 429.2                       | 397.3                    | 349.1                    | .                      | 433.8  |
| United States           | 2932   | 2906    | 31.0            | 39.0               | 22.9                     | 7.1                   | 0.7                   | 0.0                 | 0.4    | 426.3              | 439.4                 | 450.5                       | 429.2                    | 459.3                    | .                      | 442.3  |
| International Avg (n=9) | 24380  | 24089   | 39.1            | 41.3               | 14.8                     | 4.8                   | 0.5                   | 0.0                 | 1.0    | 453.4              | 454.2                 | 449.1                       | 421.1                    | 402.4                    | .                      | 418.7  |

Question: During this school year, how often have other students from your school done any of the following things to you (including through texting or the Internet). Made fun of me or called me names

Location: SQP-23a (PSBP23A)

| Country                 | Sample | Valid N | 1.At<br>least<br>once<br>a week<br>% | 2.Once<br>or<br>twice<br>a<br>month<br>% | 3.A<br>few<br>times<br>a year<br>% | 4.Neve<br>r<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.At<br>least<br>once<br>a week<br>Mean | 2.Once<br>or<br>twice<br>a<br>month<br>Mean | 3.A<br>few<br>times<br>a year<br>Mean | 4.Neve<br>r<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|--------------------------------------|--|------------------------------------|------------------|------------------------------|----------------------------|------------------|---|---|---------------------------------------|---------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3938    | 3.6                                  | 3.4                                      | 17.7                               | 75.2             | 0.7                          | 0.0                        | 0.2              | 330.6                                   | 369.7                                       | 379.8                                 | 374.4               | 302.1                           | .                             | 335.0               |
| Italy                   | 3424   | 3271    | 7.4                                  | 5.5                                      | 26.1                               | 61.0             | 0.7                          | 0.0                        | 3.8              | 351.2                                   | 388.9                                       | 385.8                                 | 372.1               | 310.5                           | .                             | 356.5               |
| Lebanon                 | 1156   | 1084    | 11.1                                 | 8.0                                      | 17.5                               | 63.4             | 0.1                          | 0.0                        | 5.2              | 389.4                                   | 389.6                                       | 434.8                                 | 413.3               | 403.9                           | .                             | 367.1               |
| Norway                  | 2472   | 2427    | 3.3                                  | 3.5                                      | 18.4                               | 74.8             | 0.5                          | 0.0                        | 1.4              | 482.3                                   | 498.3                                       | 507.1                                 | 509.6               | 480.7                           | .                             | 471.9               |
| Portugal                | 1783   | 1769    | 6.4                                  | 3.2                                      | 15.3                               | 75.1             | 0.6                          | 0.0                        | 0.2              | 464.2                                   | 465.3                                       | 469.3                                 | 466.6               | 432.4                           | .                             | 448.1               |
| Russian Federation      | 3822   | 3805    | 5.2                                  | 5.4                                      | 22.7                               | 66.7             | 0.2                          | 0.0                        | 0.2              | 501.5                                   | 524.9                                       | 514.1                                 | 504.7               | 440.8                           | .                             | 437.9               |
| Slovenia                | 1106   | 1092    | 6.4                                  | 6.1                                      | 28.9                               | 58.6             | 1.2                          | 0.0                        | 0.2              | 532.5                                   | 540.5                                       | 536.9                                 | 528.1               | 482.5                           | .                             | 490.8               |
| Sweden                  | 3727   | 3697    | 12.1                                 | 9.3                                      | 17.6                               | 61.0             | 0.2                          | 0.0                        | 0.6              | 442.0                                   | 435.6                                       | 457.4                                 | 460.2               | 349.1                           | .                             | 395.3               |
| United States           | 2932   | 2900    | 11.9                                 | 7.3                                      | 20.7                               | 60.1             | 0.7                          | 0.0                        | 0.6              | 428.8                                   | 458.4                                       | 453.5                                 | 431.0               | 459.3                           | .                             | 403.0               |
| International Avg (n=9) | 24380  | 23983   | 7.5                                  | 5.7                                      | 20.6                               | 66.2             | 0.5                          | 0.0                        | 1.4              | 435.8                                   | 452.3                                       | 459.9                                 | 451.1               | 406.8                           | .                             | 411.7               |

Question: During this school year, how often have other students from your school done any of the following things to you (including through texting or the Internet). Excluded me from their activities

Location: SQP-23b (PSBP23B)

| Country                 | Sample | Valid N | 1.At<br>least<br>once<br>a week<br>% | 2.Once<br>or<br>twice<br>a<br>month<br>% | 3.A<br>few<br>times<br>a year<br>% | 4.Neve<br>r<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.At<br>least<br>once<br>a week<br>Mean | 2.Once<br>or<br>twice<br>a<br>month<br>Mean | 3.A<br>few<br>times<br>a year<br>Mean | 4.Neve<br>r<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|--------------------------------------|--|------------------------------------|------------------|------------------------------|----------------------------|------------------|---|---|---------------------------------------|---------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3938    | 0.9                                  | 2.0                                      | 9.7                                | 87.4             | 0.7                          | 0.0                        | 0.2              | 312.0                                   | 358.7                                       | 388.7                                 | 373.0               | 302.1                           | .                             | 327.6               |
| Italy                   | 3424   | 3292    | 2.1                                  | 4.6                                      | 21.8                               | 71.6             | 0.7                          | 0.0                        | 3.1              | 315.8                                   | 369.6                                       | 377.1                                 | 376.9               | 310.5                           | .                             | 342.4               |
| Lebanon                 | 1156   | 1077    | 8.7                                  | 10.5                                     | 14.7                               | 66.1             | 0.0                          | 0.0                        | 5.8              | 383.1                                   | 377.5                                       | 434.5                                 | 417.1               | .                               | .                             | 371.4               |
| Norway                  | 2472   | 2440    | 0.7                                  | 2.4                                      | 13.5                               | 83.4             | 0.5                          | 0.0                        | 0.8              | 464.6                                   | 483.1                                       | 508.4                                 | 508.8               | 480.7                           | .                             | 456.6               |
| Portugal                | 1783   | 1770    | 1.7                                  | 3.3                                      | 21.2                               | 73.7             | 0.6                          | 0.0                        | 0.2              | 456.8                                   | 482.8                                       | 477.7                                 | 463.2               | 432.4                           | .                             | 470.8               |
| Russian Federation      | 3822   | 3799    | 4.6                                  | 8.9                                      | 28.3                               | 58.2             | 0.2                          | 0.0                        | 0.4              | 497.7                                   | 500.3                                       | 518.2                                 | 504.6               | 440.8                           | .                             | 472.6               |
| Slovenia                | 1106   | 1092    | 2.0                                  | 3.8                                      | 20.0                               | 74.2             | 1.2                          | 0.0                        | 0.2              | 466.7                                   | 514.6                                       | 545.8                                 | 530.6               | 482.5                           | .                             | 490.8               |
| Sweden                  | 3727   | 3692    | 1.6                                  | 4.4                                      | 19.3                               | 74.8             | 0.2                          | 0.0                        | 0.7              | 432.7                                   | 453.6                                       | 468.2                                 | 452.6               | 349.1                           | .                             | 385.0               |
| United States           | 2932   | 2901    | 3.4                                  | 7.6                                      | 22.7                               | 66.3             | 0.7                          | 0.0                        | 0.6              | 411.8                                   | 440.8                                       | 451.8                                 | 433.4               | 459.3                           | .                             | 404.6               |
| International Avg (n=9) | 24380  | 24001   | 2.9                                  | 5.3                                      | 19.0                               | 72.8             | 0.5                          | 0.0                        | 1.3              | 415.7                                   | 442.3                                       | 463.4                                 | 451.1               | 407.2                           | .                             | 413.5               |



Question: During this school year, how often have other students from your school done any of the following things to you (including through texting or the Internet). Spread lies about me

Location: SQP-23c (PSBP23C)

| Country                 | Sample | Valid N | 1.At<br>least<br>once<br>a week<br>% | 2.Once<br>or<br>twice<br>a<br>month<br>% | 3.A<br>few<br>times<br>a year<br>% | 4.Neve<br>r<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.At<br>least<br>once<br>a week<br>Mean | 2.Once<br>or<br>twice<br>a<br>month<br>Mean | 3.A<br>few<br>times<br>a year<br>Mean | 4.Neve<br>r<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|--------------------------------------|--|------------------------------------|------------------|------------------------------|----------------------------|------------------|---|---|---------------------------------------|---------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3936    | 0.9                                  | 2.2                                      | 15.6                               | 81.3             | 0.7                          | 0.0                        | 0.2              | 286.4                                   | 319.5                                       | 368.0                                 | 377.0               | 302.1                           | .                             | 364.4               |
| Italy                   | 3424   | 3330    | 4.5                                  | 7.5                                      | 34.5                               | 53.5             | 0.7                          | 0.0                        | 2.0              | 337.6                                   | 343.7                                       | 376.0                                 | 380.8               | 310.5                           | .                             | 372.0               |
| Lebanon                 | 1156   | 1065    | 6.5                                  | 7.9                                      | 18.4                               | 67.2             | 0.0                          | 0.0                        | 6.9              | 385.3                                   | 370.4                                       | 418.2                                 | 418.4               | .                               | .                             | 379.6               |
| Norway                  | 2472   | 2435    | 0.5                                  | 1.3                                      | 12.7                               | 85.5             | 0.5                          | 0.0                        | 1.0              | 469.1                                   | 485.7                                       | 484.2                                 | 512.0               | 480.7                           | .                             | 457.6               |
| Portugal                | 1783   | 1768    | 1.7                                  | 1.8                                      | 11.2                               | 85.3             | 0.6                          | 0.0                        | 0.2              | 463.6                                   | 449.0                                       | 465.6                                 | 467.4               | 432.4                           | .                             | 456.1               |
| Russian Federation      | 3822   | 3799    | 4.1                                  | 7.8                                      | 30.1                               | 58.1             | 0.2                          | 0.0                        | 0.3              | 492.4                                   | 517.5                                       | 510.7                                 | 506.0               | 440.8                           | .                             | 475.7               |
| Slovenia                | 1106   | 1091    | 2.8                                  | 4.0                                      | 21.6                               | 71.7             | 1.2                          | 0.0                        | 0.3              | 483.3                                   | 524.2                                       | 542.0                                 | 530.8               | 482.5                           | .                             | 550.6               |
| Sweden                  | 3727   | 3693    | 0.7                                  | 1.7                                      | 10.4                               | 87.2             | 0.2                          | 0.0                        | 0.6              | 400.0                                   | 378.9                                       | 418.8                                 | 461.6               | 349.1                           | .                             | 379.3               |
| United States           | 2932   | 2897    | 2.4                                  | 4.1                                      | 18.3                               | 75.1             | 0.7                          | 0.0                        | 0.8              | 412.9                                   | 429.1                                       | 431.7                                 | 440.1               | 459.3                           | .                             | 406.9               |
| International Avg (n=9) | 24380  | 24014   | 2.7                                  | 4.3                                      | 19.2                               | 73.9             | 0.5                          | 0.0                        | 1.4              | 414.5                                   | 424.2                                       | 446.1                                 | 454.9               | 407.2                           | .                             | 426.9               |

Question: During this school year, how often have other students from your school done any of the following things to you (including through

texting or the Internet). Stole something from me

Location: SQP-23d (PSBP23D)

| Country                 | Sample | Valid N | 1.At<br>least<br>once<br>a week<br>% | 2.Once<br>or<br>twice<br>a<br>month<br>% | 3.A<br>few<br>times<br>a year<br>% | 4.Neve<br>r<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.At<br>least<br>once<br>a week<br>Mean | 2.Once<br>or<br>twice<br>a<br>month<br>Mean | 3.A<br>few<br>times<br>a year<br>Mean | 4.Neve<br>r<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|--------------------------------------|--|------------------------------------|------------------|------------------------------|----------------------------|------------------|---|---|---------------------------------------|---------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3935    | 0.7                                  | 0.8                                      | 9.6                                | 88.9             | 0.7                          | 0.0                        | 0.3              | 267.1                                   | 328.3                                       | 374.2                                 | 374.7               | 302.1                           | .                             | 381.6               |
| Italy                   | 3424   | 3248    | 4.2                                  | 2.9                                      | 16.2                               | 76.7             | 0.7                          | 0.0                        | 4.3              | 311.6                                   | 290.1                                       | 367.5                                 | 382.8               | 310.5                           | .                             | 366.5               |
| Lebanon                 | 1156   | 1076    | 5.0                                  | 6.2                                      | 8.7                                | 80.1             | 0.4                          | 0.0                        | 5.7              | 374.0                                   | 378.5                                       | 403.3                                 | 418.8               | 371.7                           | .                             | 370.3               |
| Norway                  | 2472   | 2441    | 0.3                                  | 0.2                                      | 7.0                                | 92.5             | 0.5                          | 0.0                        | 0.8              | 506.3                                   | 491.4                                       | 490.9                                 | 509.2               | 480.7                           | .                             | 446.7               |
| Portugal                | 1783   | 1770    | 1.3                                  | 0.5                                      | 7.8                                | 90.4             | 0.6                          | 0.0                        | 0.1              | 430.0                                   | 443.7                                       | 466.5                                 | 467.4               | 432.4                           | .                             | 510.4               |
| Russian Federation      | 3822   | 3802    | 1.0                                  | 0.8                                      | 5.6                                | 92.6             | 0.2                          | 0.0                        | 0.3              | 497.6                                   | 471.6                                       | 494.6                                 | 508.9               | 440.8                           | .                             | 480.9               |
| Slovenia                | 1106   | 1091    | 1.7                                  | 1.3                                      | 9.4                                | 87.7             | 1.2                          | 0.0                        | 0.2              | 456.4                                   | 481.7                                       | 524.6                                 | 534.7               | 482.5                           | .                             | 484.0               |
| Sweden                  | 3727   | 3690    | 0.5                                  | 0.7                                      | 4.3                                | 94.5             | 0.2                          | 0.0                        | 0.7              | 395.6                                   | 401.8                                       | 411.8                                 | 458.1               | 349.1                           | .                             | 388.6               |
| United States           | 2932   | 2900    | 1.2                                  | 2.1                                      | 13.4                               | 83.2             | 0.7                          | 0.0                        | 0.6              | 441.9                                   | 373.1                                       | 424.6                                 | 441.0               | 459.3                           | .                             | 403.2               |
| International Avg (n=9) | 24380  | 23953   | 1.8                                  | 1.7                                      | 9.1                                | 87.4             | 0.6                          | 0.0                        | 1.4              | 409.0                                   | 406.7                                       | 439.8                                 | 455.1               | 403.2                           | .                             | 425.8               |

Question: During this school year, how often have other students from your school done any of the following things to you (including through texting or the Internet). Hit or hurt me (e.g., shoving, hitting, kicking)

Location: SQP-23e (PSBP23E)

| Country                 | Sample | Valid N | 1.At<br>least<br>once<br>a week<br>% | 2.Once<br>or<br>twice<br>a<br>month<br>% | 3.A<br>few<br>times<br>a year<br>% | 4.Neve<br>r<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.At<br>least<br>once<br>a week<br>Mean | 2.Once<br>or<br>twice<br>a<br>month<br>Mean | 3.A<br>few<br>times<br>a year<br>Mean | 4.Neve<br>r<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|--------------------------------------|--|------------------------------------|------------------|------------------------------|----------------------------|------------------|---|---|---------------------------------------|---------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3938    | 0.6                                  | 0.4                                      | 2.8                                | 96.2             | 0.7                          | 0.0                        | 0.2              | 311.4                                   | 335.3                                       | 350.4                                 | 374.7               | 302.1                           | .                             | 382.7               |
| Italy                   | 3424   | 3325    | 3.0                                  | 1.5                                      | 3.3                                | 92.3             | 0.7                          | 0.0                        | 2.3              | 322.9                                   | 347.5                                       | 393.8                                 | 376.6               | 310.5                           | .                             | 341.6               |
| Lebanon                 | 1156   | 1081    | 3.9                                  | 4.3                                      | 8.1                                | 83.8             | 0.0                          | 0.0                        | 5.5              | 380.4                                   | 341.4                                       | 416.8                                 | 417.5               | .                               | .                             | 365.8               |
| Norway                  | 2472   | 2436    | 0.5                                  | 0.5                                      | 2.3                                | 96.7             | 0.5                          | 0.0                        | 1.0              | 476.7                                   | 487.7                                       | 491.8                                 | 508.7               | 480.7                           | .                             | 442.5               |
| Portugal                | 1783   | 1771    | 0.9                                  | 0.6                                      | 2.9                                | 95.6             | 0.6                          | 0.0                        | 0.0              | 471.9                                   | 447.1                                       | 449.4                                 | 467.4               | 432.4                           | .                             | 454.7               |
| Russian Federation      | 3822   | 3802    | 1.4                                  | 1.5                                      | 9.1                                | 88.0             | 0.2                          | 0.0                        | 0.3              | 521.2                                   | 525.1                                       | 513.5                                 | 506.7               | 440.8                           | .                             | 446.8               |
| Slovenia                | 1106   | 1092    | 2.4                                  | 1.8                                      | 6.6                                | 89.2             | 1.2                          | 0.0                        | 0.2              | 479.7                                   | 489.8                                       | 533.4                                 | 533.8               | 482.5                           | .                             | 490.8               |
| Sweden                  | 3727   | 3703    | 1.1                                  | 1.0                                      | 3.4                                | 94.6             | 0.2                          | 0.0                        | 0.4              | 394.8                                   | 364.4                                       | 421.5                                 | 457.8               | 349.1                           | .                             | 422.3               |
| United States           | 2932   | 2897    | 2.5                                  | 1.6                                      | 4.8                                | 91.0             | 0.7                          | 0.0                        | 0.7              | 392.2                                   | 428.3                                       | 437.7                                 | 438.8               | 459.3                           | .                             | 409.6               |
| International Avg (n=9) | 24380  | 24045   | 1.8                                  | 1.5                                      | 4.8                                | 91.9             | 0.5                          | 0.0                        | 1.2              | 416.8                                   | 418.5                                       | 445.4                                 | 453.6               | 407.2                           | .                             | 417.4               |

Question: During this school year, how often have other students from your school done any of the following things to you (including through texting or the Internet). Made me do things I didn't want to do

Location: SQP-23f (PSBP23F)

| Country                 | Sample | Valid N | 1.At<br>least<br>once<br>a week<br>% | 2.Once<br>or<br>twice<br>a<br>month<br>% | 3.A<br>few<br>times<br>a year<br>% | 4.Neve<br>r<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.At<br>least<br>once<br>a week<br>Mean | 2.Once<br>or<br>twice<br>a<br>month<br>Mean | 3.A<br>few<br>times<br>a year<br>Mean | 4.Neve<br>r<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|--------------------------------------|--|------------------------------------|------------------|------------------------------|----------------------------|------------------|---|---|---------------------------------------|---------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3938    | 0.4                                  | 0.4                                      | 3.6                                | 95.6             | 0.7                          | 0.0                        | 0.2              | 268.6                                   | 294.4                                       | 394.3                                 | 373.5               | 302.1                           | .                             | 396.4               |
| Italy                   | 3424   | 3317    | 2.6                                  | 2.6                                      | 9.3                                | 85.5             | 0.7                          | 0.0                        | 2.4              | 297.9                                   | 393.0                                       | 390.4                                 | 375.4               | 310.5                           | .                             | 337.6               |
| Lebanon                 | 1156   | 1080    | 4.0                                  | 6.4                                      | 14.4                               | 75.2             | 0.1                          | 0.0                        | 5.5              | 387.3                                   | 359.3                                       | 416.3                                 | 418.0               | 375.1                           | .                             | 366.1               |
| Norway                  | 2472   | 2438    | 0.4                                  | 0.9                                      | 5.5                                | 93.2             | 0.5                          | 0.0                        | 0.9              | 473.8                                   | 456.3                                       | 505.9                                 | 508.6               | 480.7                           | .                             | 463.2               |
| Portugal                | 1783   | 1770    | 0.8                                  | 0.8                                      | 3.5                                | 94.9             | 0.6                          | 0.0                        | 0.2              | 461.9                                   | 458.9                                       | 466.7                                 | 466.7               | 432.4                           | .                             | 570.0               |
| Russian Federation      | 3822   | 3803    | 1.8                                  | 3.3                                      | 11.9                               | 83.0             | 0.2                          | 0.0                        | 0.2              | 469.6                                   | 516.3                                       | 515.3                                 | 507.2               | 440.8                           | .                             | 442.3               |
| Slovenia                | 1106   | 1091    | 1.4                                  | 1.3                                      | 10.0                               | 87.3             | 1.2                          | 0.0                        | 0.2              | 470.9                                   | 429.1                                       | 574.8                                 | 529.3               | 482.5                           | .                             | 485.6               |
| Sweden                  | 3727   | 3690    | 0.6                                  | 1.2                                      | 9.3                                | 88.9             | 0.2                          | 0.0                        | 0.7              | 355.4                                   | 403.4                                       | 464.1                                 | 455.5               | 349.1                           | .                             | 418.0               |
| United States           | 2932   | 2900    | 1.9                                  | 1.8                                      | 9.2                                | 87.1             | 0.7                          | 0.0                        | 0.8              | 386.6                                   | 450.0                                       | 448.8                                 | 437.2               | 459.3                           | .                             | 396.4               |
| International Avg (n=9) | 24380  | 24027   | 1.6                                  | 2.1                                      | 8.5                                | 87.9             | 0.5                          | 0.0                        | 1.2              | 396.9                                   | 417.8                                       | 464.1                                 | 452.4               | 403.6                           | .                             | 430.6               |

Question: During this school year, how often have other students from your school done any of the following things to you (including through texting or the Internet). Posted embarrassing things about me online

Location: SQP-23g (PSBP23G)

| Country                 | Sample | Valid N | 1.At<br>least<br>once<br>a week<br>% | 2.Once<br>or<br>twice<br>a<br>month<br>% | 3.A<br>few<br>times<br>a year<br>% | 4.Neve<br>r<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.At<br>least<br>once<br>a week<br>Mean | 2.Once<br>or<br>twice<br>a<br>month<br>Mean | 3.A<br>few<br>times<br>a year<br>Mean | 4.Neve<br>r<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|--------------------------------------|--|------------------------------------|------------------|------------------------------|----------------------------|------------------|---|---|---------------------------------------|---------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3939    | 0.5                                  | 0.6                                      | 4.3                                | 94.7             | 0.7                          | 0.0                        | 0.2              | 275.9                                   | 315.7                                       | 386.2                                 | 373.8               | 302.1                           | .                             | 380.9               |
| Italy                   | 3424   | 3334    | 2.1                                  | 1.2                                      | 5.1                                | 91.6             | 0.7                          | 0.0                        | 2.0              | 307.2                                   | 332.9                                       | 368.3                                 | 377.6               | 310.5                           | .                             | 335.4               |
| Lebanon                 | 1156   | 1075    | 4.8                                  | 4.1                                      | 6.6                                | 84.5             | 0.3                          | 0.0                        | 5.9              | 353.5                                   | 391.0                                       | 396.2                                 | 418.6               | 379.1                           | .                             | 369.4               |
| Norway                  | 2472   | 2432    | 0.3                                  | 0.4                                      | 3.7                                | 95.6             | 0.5                          | 0.0                        | 1.1              | 467.3                                   | 449.4                                       | 496.7                                 | 509.0               | 480.7                           | .                             | 434.6               |
| Portugal                | 1783   | 1771    | 0.8                                  | 1.2                                      | 5.6                                | 92.4             | 0.6                          | 0.0                        | 0.0              | 494.0                                   | 441.8                                       | 480.0                                 | 466.1               | 432.4                           | .                             | 454.7               |
| Russian Federation      | 3822   | 3804    | 1.0                                  | 0.8                                      | 4.3                                | 93.9             | 0.2                          | 0.0                        | 0.2              | 460.1                                   | 528.0                                       | 508.9                                 | 508.1               | 440.8                           | .                             | 429.0               |
| Slovenia                | 1106   | 1092    | 1.2                                  | 0.6                                      | 5.7                                | 92.5             | 1.2                          | 0.0                        | 0.2              | 428.0                                   | 372.9                                       | 546.7                                 | 533.1               | 482.5                           | .                             | 490.8               |
| Sweden                  | 3727   | 3694    | 0.6                                  | 1.5                                      | 9.8                                | 88.2             | 0.2                          | 0.0                        | 0.6              | 330.2                                   | 370.0                                       | 444.1                                 | 458.7               | 349.1                           | .                             | 397.7               |
| United States           | 2932   | 2899    | 1.3                                  | 2.2                                      | 9.6                                | 87.0             | 0.7                          | 0.0                        | 0.7              | 388.5                                   | 442.8                                       | 421.8                                 | 439.8               | 459.3                           | .                             | 397.3               |
| International Avg (n=9) | 24380  | 24040   | 1.4                                  | 1.4                                      | 6.1                                | 91.1             | 0.6                          | 0.0                        | 1.2              | 389.4                                   | 404.9                                       | 449.9                                 | 453.9               | 404.0                           | .                             | 410.0               |

Question: During this school year, how often have other students from your school done any of the following things to you (including through texting or the Internet). Threatened me

Location: SQP-23h (PSBP23H)

| Country                 | Sample | Valid N | 1.At<br>least<br>once<br>a week<br>% | 2.Once<br>or<br>twice<br>a<br>month<br>% | 3.A<br>few<br>times<br>a year<br>% | 4.Neve<br>r<br>% | Not<br>Admini<br>stered<br>% | Not<br>Applic<br>able<br>% | Omitte<br>d<br>% | 1.At<br>least<br>once<br>a week<br>Mean | 2.Once<br>or<br>twice<br>a<br>month<br>Mean | 3.A<br>few<br>times<br>a year<br>Mean | 4.Neve<br>r<br>Mean | Not<br>Admini<br>stered<br>Mean | Not<br>Applic<br>able<br>Mean | Omitte<br>d<br>Mean |
|-------------------------|--------|---------|--------------------------------------|--|------------------------------------|------------------|------------------------------|----------------------------|------------------|---|---|---------------------------------------|---------------------|---------------------------------|-------------------------------|---------------------|
| France                  | 3958   | 3939    | 0.3                                  | 0.3                                      | 2.3                                | 97.0             | 0.7                          | 0.0                        | 0.2              | 255.9                                   | 304.9                                       | 336.7                                 | 375.0               | 302.1                           | .                             | 413.1               |
| Italy                   | 3424   | 3345    | 3.5                                  | 1.0                                      | 3.0                                | 92.4             | 0.7                          | 0.0                        | 1.7              | 347.0                                   | 317.2                                       | 347.1                                 | 378.1               | 310.5                           | .                             | 307.3               |
| Lebanon                 | 1156   | 1067    | 4.3                                  | 4.0                                      | 6.4                                | 85.3             | 0.0                          | 0.0                        | 6.5              | 343.2                                   | 367.2                                       | 394.3                                 | 420.1               | .                               | .                             | 368.7               |
| Norway                  | 2472   | 2436    | 0.4                                  | 0.2                                      | 1.7                                | 97.7             | 0.5                          | 0.0                        | 1.0              | 497.2                                   | 499.5                                       | 460.9                                 | 509.0               | 480.7                           | .                             | 430.7               |
| Portugal                | 1783   | 1769    | 0.6                                  | 0.8                                      | 2.4                                | 96.2             | 0.6                          | 0.0                        | 0.1              | 428.7                                   | 494.3                                       | 472.8                                 | 466.7               | 432.4                           | .                             | 459.6               |
| Russian Federation      | 3822   | 3804    | 1.3                                  | 0.7                                      | 2.4                                | 95.5             | 0.2                          | 0.0                        | 0.2              | 490.0                                   | 517.1                                       | 526.4                                 | 507.4               | 440.8                           | .                             | 469.8               |
| Slovenia                | 1106   | 1092    | 1.6                                  | 0.9                                      | 2.8                                | 94.6             | 1.2                          | 0.0                        | 0.2              | 468.5                                   | 411.4                                       | 561.3                                 | 533.0               | 482.5                           | .                             | 490.8               |
| Sweden                  | 3727   | 3697    | 0.5                                  | 0.4                                      | 1.7                                | 97.3             | 0.2                          | 0.0                        | 0.4              | 468.7                                   | 312.5                                       | 390.8                                 | 456.7               | 349.1                           | .                             | 399.9               |
| United States           | 2932   | 2897    | 1.7                                  | 1.2                                      | 3.2                                | 93.9             | 0.7                          | 0.0                        | 0.7              | 403.8                                   | 434.4                                       | 441.8                                 | 437.9               | 459.3                           | .                             | 405.9               |
| International Avg (n=9) | 24380  | 24046   | 1.6                                  | 1.1                                      | 2.9                                | 94.4             | 0.5                          | 0.0                        | 1.2              | 411.4                                   | 406.5                                       | 436.9                                 | 453.8               | 407.2                           | .                             | 416.2               |

Question: Number of Home Study Supports  
Location: Derived (PSDG06S)

| Country                 | Sample | Valid N | 0.  | 1.  | 2.   | Missin<br>g<br>% | Not<br>admini<br>stered<br>% | Not<br>applic<br>able<br>% | 0.   | 1.   | 2.  | Missin<br>g<br>Mean | Not<br>admini<br>stered<br>Mean | Not<br>applic<br>able<br>Mean |
|-------------------------|--------|---------|---|---|--|------------------|------------------------------|----------------------------|--|--|---|---------------------|---------------------------------|-------------------------------|
|                         |        |         | Neither<br>study<br>desk<br>nor<br>own<br>room<br>% | Either<br>study<br>desk<br>or<br>own<br>room<br>% | Both<br>study<br>desk<br>and<br>own<br>room<br>% |                  |                              |                            | Neither<br>study<br>desk<br>nor<br>own<br>room<br>Mean | Either<br>study<br>desk<br>or<br>own<br>room<br>Mean | Both<br>study<br>desk<br>and<br>own<br>room<br>Mean |                     |                                 |                               |
| France                  | 3958   | 3945    | 0.5   | 5.0   | 94.5   | 0.7              | 0.0                          | 0.0                        | 270.6  | 353.0  | 375.2   | 302.8               | .                               | .                             |
| Italy                   | 3424   | 3362    | 8.0   | 27.7  | 64.3   | 1.9              | 0.0                          | 0.0                        | 391.3  | 371.5  | 373.7   | 346.0               | .                               | .                             |
| Lebanon                 | 1156   | 1133    | 9.9   | 40.7  | 49.5   | 1.6              | 0.0                          | 0.0                        | 411.9  | 413.3  | 409.5   | 345.0               | .                               | .                             |
| Norway                  | 2472   | 2445    | 0.2   | 3.5   | 96.3   | 1.1              | 0.0                          | 0.0                        | 493.3  | 483.9  | 508.5   | 471.4               | .                               | .                             |
| Portugal                | 1783   | 1771    | 0.7   | 9.1   | 90.3   | 0.6              | 0.0                          | 0.0                        | 440.1  | 462.8  | 467.3   | 452.2               | .                               | .                             |
| Russian Federation      | 3822   | 3802    | 2.5   | 19.8  | 77.7   | 0.5              | 0.0                          | 0.0                        | 512.2  | 511.0  | 506.5   | 514.2               | .                               | .                             |
| Slovenia                | 1106   | 1090    | 0.5   | 7.9   | 91.5   | 1.7              | 0.0                          | 0.0                        | 461.8  | 554.5  | 530.3   | 481.0               | .                               | .                             |
| Sweden                  | 3727   | 3712    | 0.5   | 6.8   | 92.7   | 0.3              | 0.0                          | 0.0                        | 408.1  | 403.1  | 458.8   | 419.2               | .                               | .                             |
| United States           | 2932   | 2917    | 3.8   | 19.2  | 77.0   | 0.8              | 0.0                          | 0.0                        | 373.0  | 424.8  | 443.5   | 452.5               | .                               | .                             |
| International Avg (n=9) | 24380  | 24177   | 3.0   | 15.5  | 81.5   | 1.0              | 0.0                          | 0.0                        | 418.0  | 442.0  | 452.6   | 420.5               | .                               | .                             |

Question: Parents' Education Level  
Location: Derived (PSDGEDUP)

| Country                 | Sample | Valid N | 1.<br>Univer<br>sity<br>or<br>higher<br>% | 2.<br>Post-s<br>econda<br>ry<br>% | 3.<br>Upper<br>second<br>ary<br>% | 4.<br>Lower<br>second<br>ary<br>% | 5.<br>Some<br>Prim,<br>Lower<br>Sec,<br>No<br>School<br>% | 6.<br>Don't<br>know<br>% | Missin<br>g<br>% | Not<br>admini<br>stered<br>% | Not<br>applic<br>able<br>% |
|-------------------------|--------|---------|---|-----------------------------------|-----------------------------------|-----------------------------------|---|--------------------------|------------------|------------------------------|----------------------------|
| France                  | 3958   | 3941    | 48.3                                      | 23.4                              | 15.8                              | 6.2                               | 0.7   | 5.6                      | 0.8              | 0.0                          | 0.0                        |
| Italy                   | 3424   | 3379    | 30.4                                      | 16.9                              | 40.2                              | 9.9                               | 0.7   | 1.9                      | 1.3              | 0.0                          | 0.0                        |
| Lebanon                 | 1156   | 1150    | 53.3                                      | 20.1                              | 7.5                               | 7.2                               | 8.2   | 3.8                      | 0.5              | 0.0                          | 0.0                        |
| Norway                  | 2472   | 2451    | 73.9                                      | 13.5                              | 5.3                               | 0.8                               | 0.3   | 6.2                      | 0.8              | 0.0                          | 0.0                        |
| Portugal                | 1783   | 1771    | 43.5                                      | 6.8                               | 24.4                              | 16.5                              | 7.1   | 1.7                      | 0.6              | 0.0                          | 0.0                        |
| Russian Federation      | 3822   | 3786    | 69.3                                      | 22.9                              | 2.2                               | 1.3                               | 0.0   | 4.3                      | 1.0              | 0.0                          | 0.0                        |
| Slovenia                | 1106   | 1089    | 54.4                                      | 22.2                              | 19.2                              | 0.6                               | 0.3   | 3.3                      | 1.7              | 0.0                          | 0.0                        |
| Sweden                  | 3727   | 3702    | 59.7                                      | 18.6                              | 11.8                              | 1.8                               | 1.0   | 7.1                      | 0.6              | 0.0                          | 0.0                        |
| United States           | 2932   | 2912    | 69.4                                      | 8.8                               | 14.5                              | 2.7                               | 2.8   | 1.8                      | 0.9              | 0.0                          | 0.0                        |
| International Avg (n=9) | 24380  | 24181   | 55.8                                      | 17.0                              | 15.7                              | 5.2                               | 2.3   | 4.0                      | 0.9              | 0.0                          | 0.0                        |



Question: Parents' Education Level  
Location: Derived (PSDGEDUP)

| Country                 | Sample | Valid N | 1.<br>Univer<br>sity<br>or<br>higher<br>Mean | 2.<br>Post-s<br>econda<br>ry<br>Mean | 3.<br>Upper<br>second<br>ary<br>Mean | 4.<br>Lower<br>second<br>ary<br>Mean | 5.<br>Some<br>Prim,<br>Lower<br>Sec,<br>No<br>School<br>Mean | 6.<br>Don't<br>know<br>Mean | Missin<br>g<br>Mean | Not<br>admini<br>stered<br>Mean | Not<br>applic<br>able<br>Mean |
|-------------------------|--------|---------|--|--------------------------------------|--------------------------------------|--------------------------------------|--|-----------------------------|---------------------|---------------------------------|-------------------------------|
| France                  | 3958   | 3941    | 394.6  | 362.7                                | 344.9                                | 335.1                                | 307.7  | 369.7                       | 303.7               | .                               | .                             |
| Italy                   | 3424   | 3379    | 385.8  | 371.9                                | 376.3                                | 347.1                                | 328.2  | 322.9                       | 352.4               | .                               | .                             |
| Lebanon                 | 1156   | 1150    | 426.1  | 396.4                                | 402.3                                | 385.7                                | 379.6  | 401.9                       | 292.1               | .                               | .                             |
| Norway                  | 2472   | 2451    | 517.0  | 493.7                                | 471.5                                | 428.1                                | 428.5  | 469.2                       | 478.6               | .                               | .                             |
| Portugal                | 1783   | 1771    | 489.0  | 458.9                                | 462.6                                | 437.6                                | 429.0  | 430.8                       | 435.4               | .                               | .                             |
| Russian Federation      | 3822   | 3786    | 518.1  | 488.3                                | 448.5                                | 422.7                                | .  | 503.0                       | 473.5               | .                               | .                             |
| Slovenia                | 1106   | 1089    | 543.7  | 513.8                                | 525.0                                | 455.6                                | 284.7  | 529.6                       | 496.4               | .                               | .                             |
| Sweden                  | 3727   | 3702    | 474.4  | 441.4                                | 424.6                                | 395.2                                | 371.5  | 406.0                       | 380.5               | .                               | .                             |
| United States           | 2932   | 2912    | 457.7  | 397.9                                | 393.8                                | 388.8                                | 356.1  | 390.2                       | 441.5               | .                               | .                             |
| International Avg (n=9) | 24380  | 24181   | 467.4  | 436.1                                | 427.7                                | 399.5                                | 360.7  | 424.8                       | 406.0               | .                               | .                             |

Question: Parents' Occupation Level  
Location: Derived (PSDGOCCP)

| Country                 | Sample | Valid N | 1.<br>Profes<br>sional<br>% | 2.<br>Small<br>Busine<br>ss<br>Owner<br>% | 3.<br>Cleric<br>al<br>% | 4.<br>Skille<br>d<br>worker<br>% | 5.<br>Genera<br>l<br>labore<br>r<br>% | 6.<br>Never<br>worked<br>outsid<br>e home<br>% | 7.<br>Not<br>applic<br>able<br>% | Missin<br>g<br>% | Not<br>admini<br>stered<br>% | Not<br>applic<br>able<br>% |
|-------------------------|--------|---------|-----------------------------|---|-------------------------|----------------------------------|---------------------------------------|--|----------------------------------|------------------|------------------------------|----------------------------|
| France                  | 3958   | 3883    | 53.8                        | 11.2                                      | 27.5                    | 5.7                              | 0.8                                   | 0.2  | 0.9                              | 2.5              | 0.0                          | 0.0                        |
| Italy                   | 3424   | 3315    | 39.8                        | 15.8                                      | 32.6                    | 9.1                              | 0.7                                   | 1.0  | 1.0                              | 3.4              | 0.0                          | 0.0                        |
| Lebanon                 | 1156   | 1043    | 35.0                        | 13.9                                      | 25.2                    | 12.2                             | 2.7                                   | 8.6  | 2.4                              | 9.5              | 0.0                          | 0.0                        |
| Norway                  | 2472   | 2371    | 72.7                        | 6.1                                       | 15.9                    | 3.1                              | 0.6                                   | 0.3  | 1.2                              | 4.2              | 0.0                          | 0.0                        |
| Portugal                | 1783   | 1745    | 39.9                        | 16.4                                      | 25.8                    | 14.4                             | 1.1                                   | 0.4  | 1.9                              | 1.9              | 0.0                          | 0.0                        |
| Russian Federation      | 3822   | 3640    | 48.1                        | 11.2                                      | 29.7                    | 5.7                              | 0.8                                   | 0.4  | 4.1                              | 4.8              | 0.0                          | 0.0                        |
| Slovenia                | 1106   | 1067    | 52.3                        | 13.5                                      | 27.5                    | 4.3                              | 0.5                                   | 0.2  | 1.7                              | 3.7              | 0.0                          | 0.0                        |
| Sweden                  | 3727   | 3585    | 63.9                        | 12.5                                      | 15.8                    | 3.6                              | 1.2                                   | 0.7  | 2.3                              | 3.6              | 0.0                          | 0.0                        |
| United States           | 2932   | 2906    | 76.7                        | 1.8                                       | 7.0                     | 7.8                              | 6.2                                   | 0.2  | 0.3                              | 1.2              | 0.0                          | 0.0                        |
| International Avg (n=9) | 24380  | 23555   | 53.6                        | 11.4                                      | 23.0                    | 7.3                              | 1.6                                   | 1.3  | 1.7                              | 3.9              | 0.0                          | 0.0                        |

Question: Parents' Occupation Level  
Location: Derived (PSDGOCCP)

| Country                 | Sample | Valid N | 1.<br>Profes<br>sional<br>Owner<br>Mean | 2.<br>Small<br>Busine<br>ss<br>Owner<br>Mean | 3.<br>Cleric<br>al<br>Mean | 4.<br>Skille<br>d<br>worker<br>Mean | 5.<br>Genera<br>l<br>labore<br>r<br>Mean | 6.<br>Never<br>worked<br>outsid<br>e home<br>Mean | 7.<br>Not<br>applic<br>able<br>Mean | Missin<br>g<br>Mean | Not<br>admini<br>stered<br>Mean | Not<br>applic<br>able<br>Mean |
|-------------------------|--------|---------|---|--|----------------------------|-------------------------------------|--|---|-------------------------------------|---------------------|---------------------------------|-------------------------------|
| France                  | 3958   | 3883    | 393.5                                   | 357.3  | 355.0                      | 339.6                               | 331.5                                    | 232.0   | 318.5                               | 322.0               | .                               | .                             |
| Italy                   | 3424   | 3315    | 393.2                                   | 362.8  | 368.6                      | 364.7                               | 330.6                                    | 326.4   | 348.0                               | 308.9               | .                               | .                             |
| Lebanon                 | 1156   | 1043    | 435.5                                   | 405.8  | 405.2                      | 408.9                               | 371.1                                    | 392.5   | 404.4                               | 370.4               | .                               | .                             |
| Norway                  | 2472   | 2371    | 519.1                                   | 488.5  | 489.2                      | 466.6                               | 433.2                                    | 424.1   | 461.3                               | 459.7               | .                               | .                             |
| Portugal                | 1783   | 1745    | 490.1                                   | 452.7  | 467.4                      | 432.0                               | 426.5                                    | 417.4   | 415.1                               | 433.3               | .                               | .                             |
| Russian Federation      | 3822   | 3640    | 527.0                                   | 497.9  | 489.9                      | 500.5                               | 525.6                                    | 520.9   | 500.4                               | 457.2               | .                               | .                             |
| Slovenia                | 1106   | 1067    | 547.9                                   | 523.3  | 513.6                      | 523.1                               | 455.0                                    | 400.1   | 514.8                               | 485.3               | .                               | .                             |
| Sweden                  | 3727   | 3585    | 481.8                                   | 422.5  | 423.4                      | 406.8                               | 399.9                                    | 342.0   | 370.6                               | 367.1               | .                               | .                             |
| United States           | 2932   | 2906    | 443.3                                   | 398.2  | 451.8                      | 399.7                               | 410.2                                    | 399.3   | 390.0                               | 435.7               | .                               | .                             |
| International Avg (n=9) | 24380  | 23555   | 470.2                                   | 434.3  | 440.5                      | 426.9                               | 409.3                                    | 383.9   | 413.7                               | 404.4               | .                               | .                             |

Question: Home Educational Resources (Scale)  
Location: Derived (PSBGHER)

| Country                 | Sample | Valid N | Not<br>Adm.<br>% | Not<br>App.<br>% | Omitt<br>ed<br>% | Mean | Mode | Min | P5  | P10 | Q1  | Median | Q3   | P90  | P95  | Max  |
|-------------------------|--------|---------|------------------|------------------|------------------|------|------|-----|-----|-----|-----|--------|------|------|------|------|
| France                  | 3958   | 3946    | 0.0              | 0.0              | 0.7              | 10.0 | 13.2 | 3.7 | 7.1 | 7.7 | 8.8 | 9.9    | 11.5 | 13.2 | 13.2 | 13.2 |
| Italy                   | 3424   | 3397    | 0.0              | 0.0              | 0.8              | 9.5  | 8.8  | 1.3 | 6.5 | 7.1 | 8.3 | 9.3    | 10.6 | 13.2 | 13.2 | 13.2 |
| Lebanon                 | 1156   | 1154    | 0.0              | 0.0              | 0.1              | 8.5  | 8.8  | 1.3 | 5.2 | 6.5 | 7.7 | 8.8    | 9.9  | 10.6 | 11.5 | 13.2 |
| Norway                  | 2472   | 2453    | 0.0              | 0.0              | 0.8              | 11.1 | 13.2 | 4.9 | 8.3 | 8.8 | 9.9 | 11.5   | 13.2 | 13.2 | 13.2 | 13.2 |
| Portugal                | 1783   | 1772    | 0.0              | 0.0              | 0.6              | 9.6  | 13.2 | 1.3 | 6.5 | 7.0 | 7.7 | 9.3    | 11.5 | 13.2 | 13.2 | 13.2 |
| Russian Federation      | 3822   | 3813    | 0.0              | 0.0              | 0.2              | 10.1 | 10.6 | 3.7 | 7.7 | 8.3 | 9.2 | 9.9    | 10.6 | 11.5 | 13.2 | 13.2 |
| Slovenia                | 1106   | 1092    | 0.0              | 0.0              | 1.4              | 10.2 | 10.6 | 1.3 | 7.7 | 8.3 | 8.8 | 9.9    | 11.5 | 13.2 | 13.2 | 13.2 |
| Sweden                  | 3727   | 3717    | 0.0              | 0.0              | 0.2              | 10.7 | 13.2 | 1.3 | 7.7 | 8.3 | 9.3 | 10.6   | 13.0 | 13.2 | 13.2 | 13.2 |
| United States           | 2932   | 2917    | 0.0              | 0.0              | 0.8              | 10.4 | 10.6 | 1.3 | 7.1 | 7.7 | 9.3 | 10.6   | 11.5 | 13.2 | 13.2 | 13.2 |
| International Avg (n=9) | 24380  | 24261   | 0.0              | 0.0              | 0.6              | 10.0 | 11.3 | 2.2 | 7.1 | 7.7 | 8.8 | 10.0   | 11.5 | 12.7 | 13.0 | 13.2 |

Question: Home Educational Resources (Index)  
Location: Derived (PSDGHER)

| Country                 | Sample | Valid N | 1.<br>Many<br>resour<br>ces<br>% | 2.<br>Some<br>resour<br>ces<br>% | 3.<br>Few<br>resour<br>ces<br>% | Missin<br>g<br>% | Not<br>admini<br>stered<br>% | Not<br>applic<br>able<br>% | 1.<br>Many<br>resour<br>ces<br>Mean | 2.<br>Some<br>resour<br>ces<br>Mean | 3.<br>Few<br>resour<br>ces<br>Mean | Missin<br>g<br>Mean | Not<br>admini<br>stered<br>Mean | Not<br>applic<br>able<br>Mean |
|-------------------------|--------|---------|----------------------------------|----------------------------------|---------------------------------|------------------|------------------------------|----------------------------|-------------------------------------|-------------------------------------|------------------------------------|---------------------|---------------------------------|-------------------------------|
| France                  | 3958   | 3946    | 27.7                             | 71.5                             | 0.9                             | 0.7              | 0.0                          | 0.0                        | 409.8                               | 360.4                               | 297.8                              | 302.1               | .                               | .                             |
| Italy                   | 3424   | 3397    | 20.4                             | 77.7                             | 1.9                             | 0.8              | 0.0                          | 0.0                        | 397.3                               | 369.2                               | 321.5                              | 358.3               | .                               | .                             |
| Lebanon                 | 1156   | 1154    | 7.6                              | 84.2                             | 8.1                             | 0.1              | 0.0                          | 0.0                        | 433.7                               | 412.1                               | 369.6                              | 324.0               | .                               | .                             |
| Norway                  | 2472   | 2453    | 51.4                             | 48.4                             | 0.3                             | 0.8              | 0.0                          | 0.0                        | 529.3                               | 484.8                               | 399.1                              | 484.1               | .                               | .                             |
| Portugal                | 1783   | 1772    | 26.3                             | 70.4                             | 3.4                             | 0.6              | 0.0                          | 0.0                        | 500.1                               | 457.1                               | 410.1                              | 432.4               | .                               | .                             |
| Russian Federation      | 3822   | 3813    | 21.9                             | 77.8                             | 0.3                             | 0.2              | 0.0                          | 0.0                        | 532.7                               | 500.8                               | 456.1                              | 440.1               | .                               | .                             |
| Slovenia                | 1106   | 1092    | 29.4                             | 70.2                             | 0.4                             | 1.4              | 0.0                          | 0.0                        | 559.1                               | 520.7                               | 405.7                              | 495.8               | .                               | .                             |
| Sweden                  | 3727   | 3717    | 41.3                             | 57.5                             | 1.2                             | 0.2              | 0.0                          | 0.0                        | 497.6                               | 426.7                               | 334.7                              | 349.1               | .                               | .                             |
| United States           | 2932   | 2917    | 35.5                             | 62.4                             | 2.0                             | 0.8              | 0.0                          | 0.0                        | 481.3                               | 415.0                               | 351.3                              | 448.9               | .                               | .                             |
| International Avg (n=9) | 24380  | 24261   | 29.0                             | 68.9                             | 2.0                             | 0.6              | 0.0                          | 0.0                        | 482.3                               | 438.5                               | 371.8                              | 403.9               | .                               | .                             |

Question: Students' Views on Engaging Teaching in Physics Lessons (Scale)  
Location: Derived (PSBGEPL)

| Country                 | Sample | Valid N | Not<br>Adm.<br>% | Not<br>App.<br>% | Omitt<br>ed<br>% | Mean | Mode | Min | P5  | P10 | Q1  | Median | Q3   | P90  | P95  | Max  |
|-------------------------|--------|---------|------------------|------------------|------------------|------|------|-----|-----|-----|-----|--------|------|------|------|------|
| France                  | 3958   | 3944    | 0.7              | 0.0              | 0.0              | 9.5  | 9.4  | 2.6 | 7.1 | 7.7 | 8.4 | 9.4    | 10.4 | 11.5 | 12.3 | 14.3 |
| Italy                   | 3424   | 3384    | 0.6              | 0.0              | 0.5              | 9.1  | 9.2  | 2.6 | 6.4 | 7.0 | 8.0 | 9.0    | 10.2 | 11.5 | 12.3 | 14.3 |
| Lebanon                 | 1156   | 1135    | 0.0              | 0.0              | 1.5              | 10.8 | 14.3 | 2.6 | 7.1 | 8.1 | 9.4 | 10.9   | 12.3 | 14.3 | 14.3 | 14.3 |
| Norway                  | 2472   | 2456    | 0.5              | 0.0              | 0.2              | 10.3 | 11.1 | 4.5 | 7.5 | 8.1 | 9.0 | 10.2   | 11.5 | 12.3 | 13.0 | 14.3 |
| Portugal                | 1783   | 1770    | 0.6              | 0.0              | 0.1              | 10.2 | 14.3 | 2.6 | 7.0 | 7.7 | 8.9 | 10.2   | 11.5 | 13.0 | 14.3 | 14.3 |
| Russian Federation      | 3822   | 3810    | 0.2              | 0.0              | 0.1              | 10.8 | 14.3 | 2.6 | 7.8 | 8.4 | 9.6 | 10.6   | 11.8 | 14.3 | 14.3 | 14.3 |
| Slovenia                | 1106   | 1090    | 1.3              | 0.0              | 0.3              | 9.5  | 9.2  | 2.6 | 7.4 | 7.8 | 8.6 | 9.2    | 10.4 | 11.5 | 13.0 | 14.3 |
| Sweden                  | 3727   | 3712    | 0.2              | 0.0              | 0.1              | 9.5  | 9.2  | 2.6 | 6.8 | 7.5 | 8.4 | 9.4    | 10.6 | 11.5 | 12.3 | 14.3 |
| United States           | 2932   | 2902    | 0.7              | 0.0              | 0.7              | 10.3 | 14.3 | 2.6 | 7.0 | 7.7 | 8.7 | 10.2   | 11.8 | 14.3 | 14.3 | 14.3 |
| International Avg (n=9) | 24380  | 24203   | 0.5              | 0.0              | 0.4              | 10.0 | 11.7 | 2.8 | 7.1 | 7.8 | 8.8 | 9.9    | 11.2 | 12.7 | 13.3 | 14.3 |

Question: Students' Views on Engaging Teaching in Physics Lessons (Index)  
Location: Derived (PSDGEPL)

| Country                 | Sample | Valid N | 1.<br>Very<br>engagi<br>ng<br>% | 2.<br>Engagi<br>ng<br>% | 3.<br>Less<br>than<br>engagi<br>ng<br>% | Missin<br>g<br>% | Not<br>admini<br>stered<br>% | Not<br>applic<br>able<br>% | 1.<br>Very<br>engagi<br>ng<br>Mean | 2.<br>Engagi<br>ng<br>Mean | 3.<br>Less<br>than<br>engagi<br>ng<br>Mean | Missin<br>g<br>Mean | Not<br>admini<br>stered<br>Mean | Not<br>applic<br>able<br>Mean |
|-------------------------|--------|---------|---------------------------------|-------------------------|---|------------------|------------------------------|----------------------------|------------------------------------|----------------------------|--|---------------------|---------------------------------|-------------------------------|
| France                  | 3958   | 3944    | 22.6                            | 59.2                    | 18.2                                    | 0.0              | 0.7                          | 0.0                        | 402.3                              | 373.2                      | 339.1                                      | 368.2               | 302.1                           | .                             |
| Italy                   | 3424   | 3384    | 19.8                            | 49.6                    | 30.6                                    | 0.5              | 0.6                          | 0.0                        | 386.5                              | 381.3                      | 356.4                                      | 299.6               | 315.4                           | .                             |
| Lebanon                 | 1156   | 1135    | 56.4                            | 33.2                    | 10.4                                    | 1.5              | 0.0                          | 0.0                        | 419.0                              | 409.2                      | 378.0                                      | 324.2               | .                               | .                             |
| Norway                  | 2472   | 2456    | 43.3                            | 46.1                    | 10.5                                    | 0.2              | 0.5                          | 0.0                        | 529.4                              | 500.0                      | 451.0                                      | 380.5               | 480.7                           | .                             |
| Portugal                | 1783   | 1770    | 44.1                            | 40.6                    | 15.3                                    | 0.1              | 0.6                          | 0.0                        | 466.4                              | 470.0                      | 459.5                                      | 450.9               | 432.4                           | .                             |
| Russian Federation      | 3822   | 3810    | 54.7                            | 37.4                    | 7.9                                     | 0.1              | 0.2                          | 0.0                        | 525.6                              | 493.2                      | 451.9                                      | 465.1               | 440.8                           | .                             |
| Slovenia                | 1106   | 1090    | 22.5                            | 61.4                    | 16.1                                    | 0.3              | 1.3                          | 0.0                        | 570.1                              | 534.3                      | 468.5                                      | 495.0               | 484.1                           | .                             |
| Sweden                  | 3727   | 3712    | 25.7                            | 53.5                    | 20.7                                    | 0.1              | 0.2                          | 0.0                        | 491.3                              | 456.1                      | 406.3                                      | 459.5               | 372.7                           | .                             |
| United States           | 2932   | 2902    | 44.5                            | 38.0                    | 17.5                                    | 0.7              | 0.7                          | 0.0                        | 452.3                              | 442.1                      | 390.4                                      | 382.9               | 459.3                           | .                             |
| International Avg (n=9) | 24380  | 24203   | 37.1                            | 46.6                    | 16.4                                    | 0.4              | 0.5                          | 0.0                        | 471.5                              | 451.0                      | 411.2                                      | 402.9               | 410.9                           | .                             |

Question: Students Like Learning Physics (Scale)  
 Location: Derived (PSBGSLP)

| Country                 | Sample | Valid N | Not<br>Adm.<br>% | Not<br>App.<br>% | Omitt<br>ed<br>% | Mean | Mode | Min | P5  | P10 | Q1  | Median | Q3   | P90  | P95  | Max  |
|-------------------------|--------|---------|------------------|------------------|------------------|------|------|-----|-----|-----|-----|--------|------|------|------|------|
| France                  | 3958   | 3944    | 0.7              | 0.0              | 0.1              | 9.4  | 9.7  | 2.3 | 7.0 | 7.6 | 8.3 | 9.3    | 10.3 | 11.4 | 12.2 | 15.9 |
| Italy                   | 3424   | 3375    | 0.6              | 0.0              | 0.8              | 9.4  | 9.1  | 2.3 | 6.5 | 7.2 | 8.2 | 9.3    | 10.3 | 11.8 | 12.7 | 15.9 |
| Lebanon                 | 1156   | 1117    | 0.0              | 0.0              | 2.6              | 10.7 | 10.6 | 2.3 | 7.8 | 8.5 | 9.5 | 10.6   | 11.8 | 13.2 | 14.2 | 15.9 |
| Norway                  | 2472   | 2450    | 0.5              | 0.0              | 0.4              | 10.7 | 12.7 | 2.3 | 7.8 | 8.3 | 9.5 | 10.6   | 11.9 | 13.3 | 14.2 | 15.9 |
| Portugal                | 1783   | 1771    | 0.6              | 0.0              | 0.0              | 10.6 | 11.1 | 2.3 | 7.6 | 8.2 | 9.3 | 10.3   | 11.8 | 13.3 | 14.2 | 15.9 |
| Russian Federation      | 3822   | 3808    | 0.2              | 0.0              | 0.1              | 10.3 | 10.3 | 2.3 | 7.0 | 7.8 | 8.9 | 10.1   | 11.4 | 13.3 | 14.2 | 15.9 |
| Slovenia                | 1106   | 1090    | 1.2              | 0.0              | 0.3              | 9.8  | 9.3  | 5.2 | 7.8 | 8.2 | 8.9 | 9.7    | 10.6 | 11.8 | 12.7 | 15.9 |
| Sweden                  | 3727   | 3716    | 0.2              | 0.0              | 0.0              | 9.3  | 9.3  | 2.3 | 6.3 | 7.0 | 8.2 | 9.3    | 10.6 | 11.8 | 12.7 | 15.9 |
| United States           | 2932   | 2899    | 0.7              | 0.0              | 0.8              | 9.8  | 10.6 | 2.3 | 6.5 | 7.4 | 8.5 | 9.7    | 11.1 | 12.7 | 13.3 | 15.9 |
| International Avg (n=9) | 24380  | 24170   | 0.5              | 0.0              | 0.6              | 10.0 | 10.3 | 2.6 | 7.1 | 7.8 | 8.8 | 9.8    | 11.1 | 12.5 | 13.4 | 15.9 |



Question: Students Like Learning Physics (Index)  
Location: Derived (PSDGS LP)

| Country                 | Sample | Valid N | 1.<br>Very<br>much<br>like<br>learni<br>ng<br>% | 2.<br>Like<br>learn<br>ng<br>% | 3. Do<br>not<br>like<br>learn<br>ng<br>% | Missin<br>g<br>% | Not<br>admini<br>stered<br>% | Not<br>applic<br>able<br>% | 1.<br>Very<br>much<br>like<br>learn<br>ng<br>Mean | 2.<br>Like<br>learn<br>ng<br>Mean | 3. Do<br>not<br>like<br>learn<br>ng<br>Mean | Missin<br>g<br>Mean | Not<br>admini<br>stered<br>Mean | Not<br>applic<br>able<br>Mean |
|-------------------------|--------|---------|---|--------------------------------|--|------------------|------------------------------|----------------------------|---|-----------------------------------|---|---------------------|---------------------------------|-------------------------------|
|                         |        |         |   |                                |  |                  |                              |                            |   |                                   |   |                     |                                 |                               |
| France                  | 3958   | 3944    | 11.2  | 54.2                           | 34.6                                     | 0.1              | 0.7                          | 0.0                        | 453.7   | 385.6                             | 328.9                                       | 238.8               | 302.1                           | .                             |
| Italy                   | 3424   | 3375    | 14.6  | 45.3                           | 40.0                                     | 0.8              | 0.6                          | 0.0                        | 466.8   | 384.4                             | 330.7                                       | 290.3               | 315.4                           | .                             |
| Lebanon                 | 1156   | 1117    | 34.7  | 52.4                           | 12.9                                     | 2.6              | 0.0                          | 0.0                        | 438.6   | 399.7                             | 392.1                                       | 333.7               | .                               | .                             |
| Norway                  | 2472   | 2450    | 36.4  | 48.9                           | 14.7                                     | 0.4              | 0.5                          | 0.0                        | 560.3   | 494.3                             | 422.2                                       | 421.7               | 480.7                           | .                             |
| Portugal                | 1783   | 1771    | 32.4  | 50.9                           | 16.7                                     | 0.0              | 0.6                          | 0.0                        | 512.4   | 454.5                             | 415.8                                       | 413.6               | 432.4                           | .                             |
| Russian Federation      | 3822   | 3808    | 28.0  | 49.9                           | 22.1                                     | 0.1              | 0.2                          | 0.0                        | 568.0   | 501.0                             | 446.7                                       | 428.9               | 440.8                           | .                             |
| Slovenia                | 1106   | 1090    | 14.6  | 62.6                           | 22.8                                     | 0.3              | 1.2                          | 0.0                        | 599.1   | 537.6                             | 472.3                                       | 514.1               | 482.5                           | .                             |
| Sweden                  | 3727   | 3716    | 14.9  | 45.9                           | 39.3                                     | 0.0              | 0.2                          | 0.0                        | 540.1   | 471.8                             | 402.9                                       | 354.6               | 349.1                           | .                             |
| United States           | 2932   | 2899    | 21.5  | 47.6                           | 30.9                                     | 0.8              | 0.7                          | 0.0                        | 513.1   | 442.2                             | 380.0                                       | 323.4               | 459.3                           | .                             |
| International Avg (n=9) | 24380  | 24170   | 23.2  | 50.8                           | 26.0                                     | 0.6              | 0.5                          | 0.0                        | 516.9   | 452.4                             | 399.1                                       | 368.8               | 407.8                           | .                             |

Question: Students Value Physics (Scale)

Location: Derived (PSBGSVP)

| Country                 | Sample | Valid N | Not<br>Adm.<br>% | Not<br>App.<br>% | Omitt<br>ed<br>% | Mean | Mode | Min | P5  | P10 | Q1  | Median | Q3   | P90  | P95  | Max  |
|-------------------------|--------|---------|------------------|------------------|------------------|------|------|-----|-----|-----|-----|--------|------|------|------|------|
| France                  | 3958   | 3943    | 0.7              | 0.0              | 0.1              | 9.2  | 8.7  | 1.9 | 6.9 | 7.4 | 8.2 | 8.9    | 10.1 | 10.9 | 11.9 | 15.5 |
| Italy                   | 3424   | 3372    | 0.6              | 0.0              | 0.9              | 9.1  | 8.9  | 1.9 | 6.6 | 7.2 | 7.9 | 8.9    | 10.1 | 11.3 | 12.6 | 15.5 |
| Lebanon                 | 1156   | 1107    | 0.0              | 0.0              | 3.4              | 11.0 | 10.5 | 4.6 | 8.2 | 8.7 | 9.5 | 10.7   | 11.9 | 13.5 | 15.5 | 15.5 |
| Norway                  | 2472   | 2451    | 0.5              | 0.0              | 0.4              | 10.2 | 10.1 | 1.9 | 7.7 | 8.2 | 8.9 | 10.1   | 11.3 | 12.6 | 13.5 | 15.5 |
| Portugal                | 1783   | 1770    | 0.6              | 0.0              | 0.1              | 11.0 | 11.9 | 3.7 | 8.2 | 8.7 | 9.5 | 10.9   | 12.6 | 13.5 | 15.5 | 15.5 |
| Russian Federation      | 3822   | 3806    | 0.2              | 0.0              | 0.2              | 9.9  | 10.5 | 1.9 | 6.3 | 7.2 | 8.4 | 9.8    | 11.3 | 12.6 | 13.5 | 15.5 |
| Slovenia                | 1106   | 1090    | 1.2              | 0.0              | 0.3              | 9.0  | 9.2  | 5.2 | 7.4 | 7.9 | 8.4 | 8.9    | 9.5  | 10.5 | 10.9 | 15.5 |
| Sweden                  | 3727   | 3714    | 0.2              | 0.0              | 0.1              | 9.9  | 9.8  | 3.7 | 7.6 | 8.2 | 8.9 | 9.8    | 10.9 | 11.9 | 12.6 | 15.5 |
| United States           | 2932   | 2899    | 0.7              | 0.0              | 0.7              | 10.5 | 12.6 | 1.9 | 7.7 | 8.2 | 8.9 | 10.1   | 11.9 | 13.5 | 15.5 | 15.5 |
| International Avg (n=9) | 24380  | 24152   | 0.5              | 0.0              | 0.7              | 10.0 | 10.2 | 3.0 | 7.4 | 8.0 | 8.7 | 9.8    | 11.1 | 12.3 | 13.5 | 15.5 |

Question: Students Value Physics (Index)  
Location: Derived (PSDGSVP)

| Country                 | Sample | Valid N | 1.<br>Strongly<br>value<br>% | 2.<br>Value<br>% | 3. Do<br>not<br>value<br>% | Missin<br>g<br>% | Not<br>admini<br>stered<br>% | Not<br>applic<br>able<br>% | 1.<br>Strongly<br>value<br>Mean | 2.<br>Value<br>Mean | 3. Do<br>not<br>value<br>Mean | Missin<br>g<br>Mean | Not<br>admini<br>stered<br>Mean | Not<br>applic<br>able<br>Mean |
|-------------------------|--------|---------|------------------------------|------------------|----------------------------|------------------|------------------------------|----------------------------|---------------------------------|---------------------|-------------------------------|---------------------|---------------------------------|-------------------------------|
| France                  | 3958   | 3943    | 9.7                          | 64.9             | 25.5                       | 0.1              | 0.7                          | 0.0                        | 431.4                           | 381.8               | 330.8                         | 298.8               | 302.1                           | .                             |
| Italy                   | 3424   | 3372    | 12.0                         | 56.2             | 31.8                       | 0.9              | 0.6                          | 0.0                        | 434.9                           | 386.3               | 332.7                         | 294.3               | 315.4                           | .                             |
| Lebanon                 | 1156   | 1107    | 43.3                         | 50.1             | 6.6                        | 3.4              | 0.0                          | 0.0                        | 430.6                           | 399.5               | 394.0                         | 340.3               | .                               | .                             |
| Norway                  | 2472   | 2451    | 26.9                         | 61.8             | 11.3                       | 0.4              | 0.5                          | 0.0                        | 538.3                           | 506.9               | 438.8                         | 424.2               | 480.7                           | .                             |
| Portugal                | 1783   | 1770    | 43.5                         | 50.0             | 6.5                        | 0.1              | 0.6                          | 0.0                        | 489.3                           | 456.0               | 400.0                         | 404.4               | 432.4                           | .                             |
| Russian Federation      | 3822   | 3806    | 28.2                         | 48.1             | 23.7                       | 0.2              | 0.2                          | 0.0                        | 548.7                           | 514.3               | 445.6                         | 486.9               | 440.8                           | .                             |
| Slovenia                | 1106   | 1090    | 4.5                          | 74.5             | 21.0                       | 0.3              | 1.2                          | 0.0                        | 563.3                           | 537.9               | 503.3                         | 490.4               | 482.5                           | .                             |
| Sweden                  | 3727   | 3714    | 21.1                         | 66.1             | 12.8                       | 0.1              | 0.2                          | 0.0                        | 491.9                           | 456.4               | 386.3                         | 309.4               | 349.1                           | .                             |
| United States           | 2932   | 2899    | 34.9                         | 54.6             | 10.5                       | 0.7              | 0.7                          | 0.0                        | 482.5                           | 422.2               | 367.7                         | 389.8               | 459.3                           | .                             |
| International Avg (n=9) | 24380  | 24152   | 24.9                         | 58.5             | 16.6                       | 0.7              | 0.5                          | 0.0                        | 490.1                           | 451.3               | 399.9                         | 382.0               | 407.8                           | .                             |

Question: Students' Sense of School Belonging (Scale)  
Location: Derived (PSBGSSB)

| Country                 | Sample | Valid N | Not<br>Adm.<br>% | Not<br>App.<br>% | Omitt<br>ed<br>% | Mean | Mode | Min | P5  | P10 | Q1  | Median | Q3   | P90  | P95  | Max  |
|-------------------------|--------|---------|------------------|------------------|------------------|------|------|-----|-----|-----|-----|--------|------|------|------|------|
| France                  | 3958   | 3941    | 0.7              | 0.0              | 0.1              | 9.4  | 8.8  | 2.8 | 7.6 | 7.8 | 8.5 | 9.1    | 10.1 | 11.5 | 12.3 | 13.8 |
| Italy                   | 3424   | 3381    | 0.6              | 0.0              | 0.7              | 8.8  | 8.8  | 2.8 | 6.6 | 7.2 | 7.8 | 8.8    | 9.7  | 11.0 | 11.5 | 13.8 |
| Lebanon                 | 1156   | 1111    | 0.0              | 0.0              | 3.1              | 10.2 | 13.8 | 2.8 | 7.2 | 7.8 | 8.5 | 10.1   | 11.5 | 13.8 | 13.8 | 13.8 |
| Norway                  | 2472   | 2450    | 0.5              | 0.0              | 0.4              | 11.0 | 13.8 | 5.2 | 8.0 | 8.5 | 9.7 | 11.0   | 12.3 | 13.8 | 13.8 | 13.8 |
| Portugal                | 1783   | 1771    | 0.6              | 0.0              | 0.0              | 10.2 | 11.0 | 2.8 | 7.6 | 8.0 | 8.8 | 10.1   | 11.5 | 12.3 | 13.8 | 13.8 |
| Russian Federation      | 3822   | 3806    | 0.2              | 0.0              | 0.2              | 10.7 | 13.8 | 2.8 | 7.6 | 8.0 | 9.1 | 10.5   | 12.3 | 13.8 | 13.8 | 13.8 |
| Slovenia                | 1106   | 1092    | 1.2              | 0.0              | 0.2              | 8.8  | 8.8  | 2.8 | 6.8 | 7.2 | 8.0 | 8.5    | 9.4  | 11.0 | 11.5 | 13.8 |
| Sweden                  | 3727   | 3713    | 0.2              | 0.0              | 0.2              | 10.7 | 13.8 | 2.8 | 7.8 | 8.3 | 9.1 | 10.5   | 12.3 | 13.8 | 13.8 | 13.8 |
| United States           | 2932   | 2907    | 0.7              | 0.0              | 0.4              | 10.2 | 13.8 | 2.8 | 7.4 | 7.8 | 8.8 | 10.1   | 11.5 | 13.8 | 13.8 | 13.8 |
| International Avg (n=9) | 24380  | 24172   | 0.5              | 0.0              | 0.6              | 10.0 | 11.8 | 3.1 | 7.4 | 7.8 | 8.7 | 9.9    | 11.2 | 12.8 | 13.1 | 13.8 |

Question: Students' Sense of School Belonging (Index)  
Location: Derived (PSDGSSB)

| Country                 | Sample | Valid N | 1.<br>High<br>sense<br>of<br>school<br>belong<br>ing<br>% | 2.<br>Sense<br>of<br>school<br>belong<br>ing<br>% | 3.<br>Little<br>sense<br>of<br>school<br>belong<br>ing<br>% | Missin<br>g<br>% | Not<br>admini<br>stered<br>% | Not<br>applic<br>able<br>% | 1.<br>High<br>sense<br>of<br>school<br>belong<br>ing<br>Mean | 2.<br>Sense<br>of<br>school<br>belong<br>ing<br>Mean | 3.<br>Little<br>sense<br>of<br>school<br>belong<br>ing<br>Mean | Missin<br>g<br>Mean | Not<br>admini<br>stered<br>Mean | Not<br>applic<br>able<br>Mean |
|-------------------------|--------|---------|---|---|---|------------------|------------------------------|----------------------------|--|--|--|---------------------|---------------------------------|-------------------------------|
| France                  | 3958   | 3941    | 21.6  | 71.4  | 7.0   | 0.1              | 0.7                          | 0.0                        | 401.6  | 370.2  | 320.5  | 388.4               | 302.1                           | .                             |
| Italy                   | 3424   | 3381    | 15.6  | 63.5  | 20.9  | 0.7              | 0.6                          | 0.0                        | 378.5  | 381.2  | 354.3  | 253.0               | 315.4                           | .                             |
| Lebanon                 | 1156   | 1111    | 44.2  | 46.0  | 9.8   | 3.1              | 0.0                          | 0.0                        | 411.9  | 413.2  | 409.0  | 347.4               | .                               | .                             |
| Norway                  | 2472   | 2450    | 63.0  | 34.2  | 2.8   | 0.4              | 0.5                          | 0.0                        | 519.4  | 491.5  | 443.8  | 414.5               | 480.7                           | .                             |
| Portugal                | 1783   | 1771    | 43.5  | 51.2  | 5.3   | 0.0              | 0.6                          | 0.0                        | 474.8  | 464.7  | 421.5  | 454.7               | 432.4                           | .                             |
| Russian Federation      | 3822   | 3806    | 52.5  | 41.4  | 6.1   | 0.2              | 0.2                          | 0.0                        | 513.4  | 503.1  | 490.9  | 461.4               | 440.8                           | .                             |
| Slovenia                | 1106   | 1092    | 13.6  | 69.7  | 16.7  | 0.2              | 1.2                          | 0.0                        | 569.5  | 533.5  | 493.5  | 490.8               | 482.5                           | .                             |
| Sweden                  | 3727   | 3713    | 54.7  | 40.7  | 4.7   | 0.2              | 0.2                          | 0.0                        | 474.0  | 439.8  | 364.3  | 388.9               | 349.1                           | .                             |
| United States           | 2932   | 2907    | 44.6  | 48.0  | 7.4   | 0.4              | 0.7                          | 0.0                        | 448.0  | 432.9  | 401.4  | 401.9               | 459.3                           | .                             |
| International Avg (n=9) | 24380  | 24172   | 39.3  | 51.8  | 9.0   | 0.6              | 0.5                          | 0.0                        | 465.7  | 447.8  | 411.0  | 400.1               | 407.8                           | .                             |