

**APPENDIX Q:  
RATER AGREEMENT**

### Summary of Rater Statistics for Science

| Subtest | Grade | Item | Validity*<br>Percent<br>Agreement | Scorer*<br>Percent<br>Agreement | Perfect Agreement (+/-0) |       | Adjacent Agreement (+/-1) |       | Non-Adjacent Agreement |      |
|---------|-------|------|-----------------------------------|---------------------------------|--------------------------|-------|---------------------------|-------|------------------------|------|
|         |       |      |                                   |                                 | N                        | %     | N                         | %     | N                      | %    |
| Science | 5     | CR1  | 100.0%                            | 98.4%                           | 26001                    | 92.6% | 1630                      | 5.8%  | 450                    | 1.6% |
|         |       | CR2  | 99.3%                             | 98.0%                           | 19377                    | 73.4% | 6494                      | 24.6% | 528                    | 2.0% |
|         | 8     | CR1  | 99.7%                             | 98.8%                           | 26173                    | 90.8% | 2306                      | 8.0%  | 346                    | 1.2% |
|         |       | CR2  | 99.7%                             | 97.5%                           | 19246                    | 71.2% | 7119                      | 26.3% | 677                    | 2.5% |

\* Perfect plus Adjacent Agreement

### Summary of Rater Statistics for Writing

| Subtest | Grade | Item | Validity *<br>Percent<br>Agreement | Scorer*<br>Percent<br>Agreement | Perfect Agreement (+/-0) |       | Adjacent Agreement (+/-1) |       | Non-Adjacent Agreement |      |
|---------|-------|------|------------------------------------|---------------------------------|--------------------------|-------|---------------------------|-------|------------------------|------|
|         |       |      |                                    |                                 | N                        | %     | N                         | %     | N                      | %    |
| Writing | 3     | CR1  | 99.0%                              | 97.5%                           | 15300                    | 58.1% | 10376                     | 39.4% | 658                    | 2.5% |
|         |       | CR2  | 99.6%                              | 93.4%                           | 18357                    | 73.4% | 5002                      | 20.0% | 1651                   | 6.6% |
|         | 4     | CR1  | 99.6%                              | 97.1%                           | 14981                    | 56.7% | 10693                     | 40.4% | 768                    | 2.9% |
|         |       | CR2  | 99.7%                              | 96.2%                           | 17243                    | 68.3% | 7054                      | 27.9% | 961                    | 3.8% |
|         | 5     | CR1  | 99.6%                              | 98.0%                           | 15718                    | 59.1% | 10363                     | 38.9% | 533                    | 2.0% |
|         |       | CR2  | 99.2%                              | 94.0%                           | 20297                    | 76.2% | 4741                      | 17.8% | 1598                   | 6.0% |
|         | 6     | CR1  | 98.9%                              | 96.3%                           | 15326                    | 56.4% | 10850                     | 39.9% | 1004                   | 3.7% |
|         |       | CR2  | 98.9%                              | 97.4%                           | 20560                    | 77.8% | 5186                      | 19.6% | 688                    | 2.6% |
|         | 7     | CR1  | 99.6%                              | 98.1%                           | 15856                    | 59.1% | 10464                     | 39.0% | 510                    | 1.9% |
|         |       | CR2  | 99.9%                              | 97.8%                           | 22594                    | 86.2% | 3037                      | 11.6% | 576                    | 2.2% |
|         | 8     | CR1  | 99.6%                              | 97.7%                           | 16907                    | 59.1% | 11042                     | 38.6% | 658                    | 2.3% |
|         |       | CR2  | 99.7%                              | 93.4%                           | 19367                    | 73.6% | 5210                      | 19.8% | 1737                   | 6.6% |

\* Perfect plus Adjacent Agreement