

Computing Percentiles of Plausible Values	59
Computing Logistic Regression Coefficients	62
Computing Logistic Regression Coefficients with Plausible Values	67
Computing Group Differences by Performance Group	72
Troubleshooting	77
Appendix A: Working with IEA Data from Multiple Years	77
Appendix B: Cutscores for International Proficiency Benchmarks	77
TIMSS - Mathematics and Science, all grades	77
PIRLS	78
ICCS	78
PISA - Reading Literacy	78
PISA - Mathematics Literacy	79
PISA - Science Literacy	79
PISA – Problem Solving	79
PISA – Financial Literacy	80
PISA – Collaborative Problem Solving	80
PIAAC - Literacy Scale	80
PIAAC - Numeracy Scale	81
PIAAC - Problem Solving in Technology Rich Environments Scale	81
Appendix C: Creating Contrast Coding with the IDB Analyzer when running Linear Regression	81
Dummy Coding	82
Effect Coding	82
Other Types of Coding	83
Appendix D: Working with TALIS Data from across ISCED Levels .	83
Appendix E: Calculating Standard Errors in TIMSS and PIRLS	83
Appendix F: Analysis Notes for Specific Studies	84
OECD - PISA	84
U.S. NAEP	84
Appendix G: Calculating Design Effects	85
Appendix H: IEA’s IDB Analyzer License Agreement	87