

Appendix 11C: TIMSS 2015 Cross-Country Scoring Reliability for the Constructed Response Items

TIMSS 2015 Cross-Country Scoring Reliability for the Fourth Grade Constructed Response Mathematics Items

Item Label	Total Valid Comparisons	Exact Percent Agreement	
		Correctness Score Agreement	Diagnostic Score Agreement
0. 01 - 05120	20 000	.7	.7
0. 0 - 0510 5	20 000	.7	.7
0. 0 - 0510 0	20 20	.7	.7
0. 11 - 0515	20 . 10	.7	.7
0. 12 - 0510 0	20 5	.7	.7
11 01 - 051 01	20 5	.7	.7
11 0 - 051 02	20 000	.7	.7
11 05 - 0511 1	20 . 55	.7	.7
11 07 - 05121	20 . 55	.7	.7
11 0 - 0510 .	20 000	.7	.7



TIMSS 2015 Cross-Country Scoring Reliability for the Eighth Grade Constructed Response Mathematics Items

Item Label	Total Valid Comparisons	Exact Percent Agreement	
		Correctness Score Agreement	Diagnostic Score Agreement
0. 05 - 0521	1 12	.7	.7
0. 05 - 0521	1 2 5	.	.
0. 0 - 052110	1 2	.	.
0. 0 - 052105	1 1	.	.
0. 11 - 0520	1 200	.7	.7
0. 12 - 052502	1 05	.5	.5
0. 1 - 05211	1 0. 2	.	.1
11 0 - 052	1 200	.	.
11 0 - 052215	1 020	.	.
11 0 - 0520	1 1 7	.	.
11 0 - 0520	1 05	.5	.
11 10 - 0520	1 1	.	.
11 1 - 052 21	1 2	0	0
Average Percent Agreement		93	91

TIMSS 2015 Cross-Country Scoring Reliability for the Eighth Grade Constructed Response Science Items

Item Label	Total Valid Comparisons	Exact Percent Agreement	
		Correctness Score Agreement	Diagnostic Score Agreement
0. 02 - 0522	1 200	.0	.2
0. 0 - 0520 5	1 12	.7	.
0. 0 - 0520 5	1 200	.7	.7
0. 0 - 0520	1 200	.5	.5
0. 0 - 0521	1 200	.1	.
0. 10 - 05221	1 200	.	.
0. 12 - 052101	1 2	.2	.2
11 01 - 0520. 0	1 200	0	.
11 0 - 0522	1 05	.52	.52
11 0 - 052051	1 0. 2	.	.
11 10 - 0521	1 12	.7	.7