

## Appendix 10C: TIMSS 2019 Cross-Country Scoring Reliability for Human Scored Items

### TIMSS 2019 Cross-Country Scoring Reliability for Human Scored Items—Grade 4 Mathematics

Item	Total Valid Comparisons	Exact Percent Agreement	
		Score Point Agreement	Diagnostic Score Agreement
M03_03 – MP61034	295,299	99	99
M03_05 – MP61228	296,261	81	81
M03_06 – MP61166	297,000	97	97
M03_08 – MP61080	295,515	98	98
M03_10 – MP61076	296,892	100	100
M03_11 – MP61084	293,850	95	95
M05_01 – MP51206	215,204	97	97
M05_04 – MP51045	216,200	99	98
M05_06 – MP51030	215,248	97	97
M05_11 – MP51533	216,108	100	100
M05_12 – MP51080	211,916	95	91
<b>Average Percent Agreement</b>		<b>96</b>	<b>96</b>

### TIMSS 2019 Cross-Country Scoring Reliability for Human Scored Items—Grade 4 Science

Item	Total Valid Comparisons	Exact Percent Agreement	
		Score Point Agreement	Diagnostic Score Agreement
S03_02 – SP61023	295,515	98	98
S03_03 – SP61054	293,491	87	87
S03_05 – SP61006	296,730	91	91
S03_09 – SP61088	295,245	91	91
S03_10 – SP61151	296,334	86	86
S03_11 – SP61150	294,925	82	82
S05_01 – SP51044	296,892	86	86
S05_04 – SP51168	296,152	88	86
S05_05 – SP51010	296,677	91	86
S05_07 – SP51059	295,138	75	75
S05_10 – SP51151	296,946	98	98
<b>Average Percent Agreement</b>		<b>89</b>	<b>88</b>

## TIMSS 2019 Cross-Country Scoring Reliability for Human Scored Items—Grade 8 Mathematics

Item	Total Valid Comparisons	Exact Percent Agreement	
		Score Point Agreement	Diagnostic Score Agreement
M03_02 – MP62139	125,965	100	100
M03_04 – MP62142	125,895	98	98
M03_08 – MP62027	125,701	99	99
M03_10 – MP62244	125,518	97	97
M03_12 – MP62300	125,825	94	93
M03_13 – MP62254	125,350	71	71
M03_14 – MP62132A	126,000	100	100
M05_05 – MP52174A	126,000	98	98
M05_05 – MP52174B	125,965	99	98
M05_08 – MP52110	125,791	100	100
M05_09 – MP52105	124,740	88	88
M05_11 – MP52036	125,755	86	86
M05_12 – MP52502	125,721	96	96
M05_13 – MP52117	125,057	90	75
<b>Average Percent Agreement</b>		<b>94</b>	<b>93</b>

## TIMSS 2019 Cross-Country Scoring Reliability for Human Scored Items—Grade 8 Science

Item	Total Valid Comparisons	Exact Percent Agreement	
		Score Point Agreement	Diagnostic Score Agreement
S03_03 – SP62275	125,965	93	93
S03_05 – SP62111	124,565	93	93
S03_06 – SP62116A	125,790	90	90
S03_06 – SP62116B	125,090	90	90
S03_06 – SP62116C	125,790	76	76
S03_10 – SP62162	125,965	85	85
S05_02 – SP52272	125,930	92	86
S05_03 – SP52085A	125,791	80	72
S05_03 – SP52085B	125,755	83	83
S05_04 – SP52094	126,000	96	96
S05_06 – SP52146	124,775	94	92
S05_10 – SP52214	126,000	98	98
S05_12 – SP52101	125,301	88	88
<b>Average Percent Agreement</b>		<b>89</b>	<b>88</b>