

Item Parameters for the TIMSS 2015 Problems, in School Conditions and Resources - Teachers Report Scale, Eighth Grade

Item	Intercept	Difficulty 1	Difficulty 2	Difficulty 3	Difficulty 4
0	0.132	-1.127	-0.170	1.3332	1.1
0	0.10371	-1.121	0.037	1.023	1.13
0	0.072	-1.3	-0.0113	1.77	0.1
0	-0.31	-1.0300	-0.0133	1.071	1.1
0	0.0112	-1.2730	-0.237	1.77	0.
0	0.3111	-1.2031	-0.070	1.2011	0.
			-0.1230		

Scale Transformation Constants for the TIMSS 2015 Problems, in School Conditions and Resources - Teachers Report Scale, Eighth Grade

3007	TransformedScaleScore = 8583007 + 1.253975 * LogitScaleScore
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Equivalence Table of Raw and Transformed Scale Scores for the TIMSS

Raw Score	Transformed Score	Raw Score	Transformed Score
0	3.7137		
1	5.0077		
2	6.0777		
3	7.3073		
	7.7071		
4	7.0330		
	7.3722		
7	7.3177		
	7.7171		
	7.1772		
10	7.1077	10	7.7777
11	7.7777		
12	7.2777		
13	7.1777		
14	7.7770		
15	7.7710		
16	10.1077		
17	10.7777		
18	10.0777	10	10.7777
19	11.0077		
20	12.1170		
21	13.7700		

Relationship Between the TIMSS 2015 Problems with School Conditions and Resources - Teachers Reports Scale, Eighth Grade, and TIMSS 2015 Achievement

	0.17	0.10	0.03	0.01	0.02	0.01
	0.07	0.11	0.00	0.01	0.01	0.01
	0.13	0.13	0.02	0.02	0.01	0.03
	0.0*	0.0	0.00	0.0*	0.01	0.01
	0.1	0.22	0.03	0.0*	0.03	0.03
	0.13	0.0	0.02	0.01	0.02	0.01
	0.1	0.13	0.02	0.02	0.01	0.02
	0.02	0.07	0.00	0.00	0.01	0.01
	0.0	0.07	0.00	0.00	0.00	0.00
	0.10	0.01	0.01	0.00	0.01	0.01
	-0.01	-0.07	0.00	0.01	0.00	0.00
	0.23	0.23	0.0*	0.0*	0.0	0.0
	0.0	0.0	0.00	0.00	0.00	0.00
	0.01	0.00	0.00	0.00	0.01	0.01
	0.01	0.02	0.00	0.00	0.01	0.01
	0.02	0.0	0.00	0.00	0.00	0.00
	0.23	0.1	0.0*	0.0	0.03	0.03
	0.0	0.0	0.01	0.01	0.01	0.01
	0.0*	0.01	0.00	0.00	0.00	0.00
	0.07	0.0	0.00	0.01	0.00	0.01
	0.13	0.20	0.02	0.0	0.02	0.03
	0.07	-0.02	0.00	0.00	0.01	0.00
	0.07	0.0*	0.01	0.00	0.00	0.02
	0.07	0.10	0.01	0.01	0.01	0.01
	0.12	0.12	0.01	0.01	0.01	0.02
	0.0	0.1	0.01	0.02	0.01	0.01
	0.0	0.02	0.00	0.00	0.00	0.00
	0.0	0.07	0.00	0.00	0.00	0.00
	-0.0	-0.13	0.01	0.02	0.01	0.01
	0.0*	0.0	0.00	0.01	0.00	0.01
	0.1	0.1	0.03	0.03	0.02	0.03
	0.07	0.12	0.00	0.01	0.00	0.02
	0.02	0.0	0.00	0.00	0.00	0.00
	0.1	0.1	0.17	0.17	0.1	0.1*
	-0.01	0.01	0.00	0.00	0.01	0.00
	0.12	0.1	0.01	0.02	0.01	0.02
	0.1	0.20	0.03	0.0	0.01	0.02
	0.1	0.17	0.03	0.03	0.02	0.02
	0.0	0.12	0.01	0.01	0.00	0.02
	0.07	0.0	0.01	0.01	0.01	0.01
	0.32	0.1	0.10	0.03	0.11	0.01
	0.03	0.0*	0.00	0.00	0.00	0.00
	0.03	0.12	0.00	0.02	0.01 0.7. 2	0.02
	0.02	0.01		0.00	0.00	0.00
	0.10	0.02				
	0.23	0.2				
	0.12	0.1*				