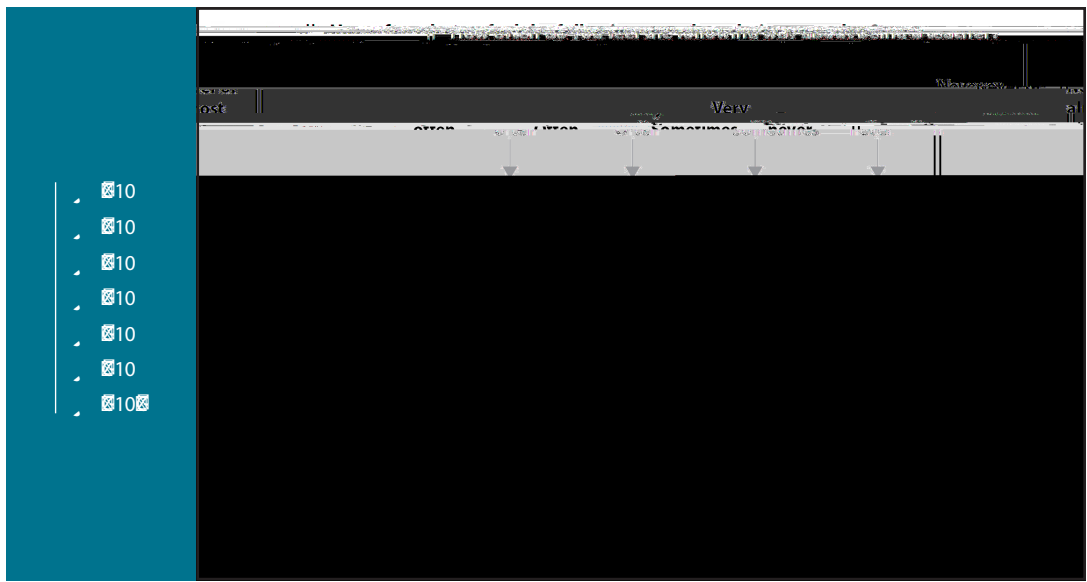


... J ... ( J ) ...

### Items in the TIMSS 2015 Teacher Job Satisfaction Scale, Eighth Grade<sup>1</sup>



1. ...

Item Parameters for the TIMSS 2015 Teacher Job Satisfaction Scale, Eighth Grade

Item	delta	tau_1	tau_2	Infit
BTBG10A	0.14816	-1.72080	1.72080	0.99
BTBG10B	0.39021	-1.65209	1.65209	1.34
BTBG10C	-0.51295	-1.72738	1.72738	1.06
BTBG10D	-0.27152	-1.81713	1.81713	0.85
BTBG10E	0.32148	-1.74038	1.74038	0.89
BTBG10F	-0.47731	-1.60579	1.60579	0.96
BTBG10G	0.40193	-1.26209	1.26209	1.27

Scale Transformation Constants for the TIMSS 2015 Teacher Job Satisfaction Scale, Eighth Grade

Scale Transformation Constants	
A = 8.635655	
B = 0.874431	

SOURCE: IEA's Trends in International Mathematics and Science Study – TIMSS 2015





Country	Pearson's Correlation with Achievement				Variance in Achievement Accounted for by	
	(r)		(r <sup>2</sup> )		Difference Between Regions of the Country	
	Mathematics	Science	Mathematics	Science	Mathematics	Science
Australia				0.01		
Bahrain				0.00		
Botswana (9)				0.00		
Canada				0.00		
Chile				0.00	0.01	0.01
Chinese Taipei				0.01		
Egypt				0.02		
England				0.01	0.01	0.02
Georgia					0.01	0.00
Hong Kong SAR					0.03	0.04
Hungary					0.01	0.02
Iran, Islamic Rep. of					0.01	0.02
Ireland					0.02	0.01
Israel					0.00	0.01
Italy					0.01	0.01
Japan					0.00	0.01
Jordan					0.01	0.02
Kazakhstan					0.00	0.00
Korea, Rep. of					0.00	0.00
Kuwait					0.00	0.02
Lebanon					0.02	0.01
Lithuania					0.01	0.00
Malaysia					0.00	0.00
Malta					0.03	0.03
Morocco			0.01		0.01	0.00
New Zealand					0.01	0.00
Norway (9)					0.00	0.00
Oman			0.00		0.00	0.00
Qatar				0.01	0.01	0.01
Russian Federation			0.02	0.00	0.02	0.00
Saudi Arabia					0.00	0.03
Singapore	0.08	0.06	0.01		0.01	0.00
Slovenia				0.00	0.00	0.00
South Africa (9)					0.01	0.02
Sweden					0.00	0.00
Thailand	0.05	0.08	0.00		0.00	0.01
Turkey			0.02		0.01	0.02
United Arab Emirates	-0.01		0.00		0.00	0.01
United States	0.04	0.05	0.00		0.00	0.00
					0.01	0.01
Benchmarking Participants						
Buenos Aires, Argentina	-0.14	-0.09	0.02	0.01	0.02	0.01
Ontario, Canada	0.03	-0.03	0.00	0.00	0.01	0.00
Quebec, Canada	-0.09	0.11	0.01	0.01	0.02	0.01
Norway (8)	0.01	0.03	0.00	0.00	0.00	0.01
Abu Dhabi, UAE	0.00	0.07	0.00	0.01	0.00	0.01
Dubai, UAE	-0.01	0.16	0.00	0.03	0.00	0.02
Florida, US	0.04	0.15	0.00	0.02	0.02	0.04