

Creating and Interpreting TIMSS and PIRLS 2011 Context Questionnaire Scales





**Exhibit 6: Relationship Between the TIMSS 2011 Context Questionnaire Scale and the TIMSS 2011 Science Achievement Scale**

Country	TIMSS 2011 Context Questionnaire Scale		TIMSS 2011 Science Achievement Scale
	Mean	Standard Deviation	Correlation
Armenia	0.02	0.00	0.00
Australia	0.05	0.00	0.00
Austria	-0.04	0.00	0.00
Azerbaijan	0.08	0.01	0.00
Bahrain	0.06	0.00	0.00
Belgium (Flemish)	0.02	0.00	0.00
Chile	0.03	0.00	0.00
Chinese Taipei	0.06	0.00	0.00
Croatia	-0.03	0.00	0.00
Czech Republic	0.04	0.00	0.00
Denmark	0.02	0.00	0.00
England	0.10	0.01	0.00
Finland	0.04	0.00	0.00
Georgia	0.01	0.00	0.00
Germany	-0.04	0.00	0.00
Hong Kong SAR	-0.15	0.02	0.01
Hungary	-0.08	0.01	0.00
Iran, Islamic Rep. of	0.03	0.00	0.00
Ireland	0.08	0.01	0.01
Italy	0.02	0.00	0.00
Japan	-0.01	0.00	0.00
Kazakhstan	0.06	0.00	0.00
Korea, Rep. of	0.02	0.00	0.00
Kuwait	0.07	0.01	0.00
Lithuania	-0.01	0.00	0.00
Malta	0.04	0.00	0.00
Morocco	0.08	0.01	0.01
Netherlands	0.08	0.01	0.00
New Zealand	0.05	0.00	0.00
Northern Ireland	0.01	0.00	0.00
Norway	-0.02	0.00	0.00
Oman	0.05	0.00	0.00
Poland	0.03	0.00	0.00
Portugal	0.03	0.00	0.00
Qatar	0.05	0.00	0.00
Romania	-0.11	0.01	0.01
Russian Federation	0.02	0.00	0.00
Saudi Arabia	0.17	0.03	0.01

