

Exhibit 13.17: TIMSS Numeracy 2015 Mathematics Conditioning Models for Proficiency Estimation

Country	2015			
	Number of Primary Conditioning Variables	Number of Principal Components Available	Number of Principal Components Retained	Percentage of Variance Explained
Bahrain	3	637	221	77
Indonesia	2	617	214	76
Iran, Islamic Rep. of	2	637	205	75
Jordan	2	637	334	90
Kuwait	3	629	185	72
Morocco	2	637	268	82
South Africa (5)	3	533	301	90
Benchmarking Participants				
Buenos Aires, Argentina	2	620	166	78