

Exhibit 12.11: PIRLS Literacy 2016 Conditioning Models for Proficiency Estimation

Country	2016			
	Number of Primary Conditioning Variables	Number of Principal Components Available	Number of Principal Components Retained	Percentage of Variance Explained
Egypt	2	545	304	90
Iran, Islamic Rep. of	2	545	219	80
Kuwait	3	535	230	80
Morocco	2	545	272	85
South Africa	12	539	323	90
Benchmarking Participants				
Denmark (3)	2	545	180	72