

Exhibit 11.7: Cronbach’s Alpha Reliability Coefficient—TIMSS Advanced 2015

Country	Reliability Coefficient	
	Advanced Mathematics	Physics
France	0.86	0.70
Italy	0.90	0.82
Lebanon	0.88	0.77
Norway	0.84	0.84
Portugal	0.86	0.78
Russian Federation	0.93	0.88
Russian Federation 6hr+ ³	0.93	—
Slovenia	0.88	0.85
Sweden	0.89	0.85
United States	0.91	0.84
International Median	0.88	0.84

3 For advanced mathematics, the Russian Federation participated in 2015 with an expanded population that included the more specialized students assessed in 1995 and 2008.