

Exhibit 15.6: Relationship Between the TIMSS Advanced 2015 *Students Like Learning Physics* Scale and TIMSS Advanced 2015 Physics Achievement

Country	Pearson's Correlation with Physics Achievement		Variance in Physics Achievement Accounted for by Difference Between Regions of the Scale (η^2)
	(r)	(r ²)	
France	0.46	0.22	0.18
Italy	0.39	0.15	0.13
Lebanon	0.22	0.05	0.04
Norway	0.50	0.25	0.22
Portugal	0.43	0.18	0.17
Russian Federation	0.38	0.15	0.13
Slovenia	0.44	0.20	0.15
Sweden	0.44	0.20	0.16
United States	0.41	0.17	0.16
International Median	0.43	0.18	0.16