a e a a e bjec . See **Creat ng an Interpret ng IMSS an PI LS 2011 Conte t Q est onna re Sca es** f m e inf ma i n n h he cale e e f med.

Cronbach's Alpha

Exhibit 6: Relationship Between the TIMSS 2011 Students Like Learning Chemistry Scale, Eighth Grade, and TIMSS 2011 Science Achievement

Country	Pearson's Correlation with Science Achievement		Variance in Science Achievement Accounted for by Difference Between Regions of the Scale (η^2)
	(r)	(r^2)	
A	0.12	0.01	0.02
F	0.31	0.10	0.08
G			
H	0.07	0.00	0.02
I	0.04	0.00	0.00
K	0.25	0.06	0.05
L	0.24	0.06	0.07
L	0.18	0.03	0.04
M , R .			