Supplementary Online Material

Supplementary study: What does perseverance measure?

Among the Big Five personality traits, conscientiousness has been found to be the most consistent and robust predictor of academic performance even after controlling for cognitive ability (McAbee & Oswald, 2013; Noftle & Robins, 2007; Poropat, 2009). For example, across major Big Five personality inventories, such as NEO-PI-R (Costa & McCrae, 1992), the NEO Five-Factor Inventory (Costa & McCrae, 1992), and the Big Five International Personality Item Pool (Goldberg, 1999), conscientiousness exhibited the strongest and most consistent criterion-related validity in predicting GPA (r = .23). In contrast, agreeableness, neuroticism, extraversion, and openness to experience showed smaller criterion-related validities (rs < .10; McAbee & Oswald, 2013). In addition to predicting GPA and exam grades, conscientiousness was strongly related to students' grades on overall coursework (Morris & Fritz, 2015). Conscientiousness was the strongest and most consistent predictor among the Big Five personality traits of mathematics and science performance (Dumfart & Neubauer, 2016; Peklaj, Podlesek, & Pečjak, 2015; Steinmayr & Spinath, 2007). The same finding has been replicated in different cultures, such as Germany (Steinmayr & Spinath, 2007), Slovenia (Peklaj et al., 2015), and Australia (Dumfart & Neubauer, 2016).

Many studies have also examined the relationship between conscientiousness and truancy in academic settings, as truancy can be costly to students' success. Not surprisingly, these studies consistently support the conclusion that conscientiousness

is a predictor of truancy in academic settings (e.g., Chamorro-Premuzic & Furnham, 2003; Farsides & Woodfield, 2003; Lounsbury, Steel, Loveland, & Gibson, 2004; MacCann et al., 2009). For example, in a sample of high school students in the US, eight facets of conscientiousness, including industriousness, perfectionism, tidiness, procrastination refrainment, control, cautiousness, task planning, and perseverance, were correlated with truancy (MacCann et al., 2009).

Despite the convincing evidence of the predictive utility of conscientiousness, the hierarchical structure of conscientiousness has not yet been settled, nor whether perseverance is a facet of conscientiousness or something more complex (e.g., MacCann et al., 2009; Roberts, Bogg, Walton, Chernyshenko, & Stark, 2004; Roberts, Chernyshenko, Stark, & Goldberg, 2005). Perseverance has been identified as a distinct factor that correlates with conscientiousness, neuroticism (MacCann et al., 2009), and extraversion (Peabody & de Raad, 2002). In this respect, the correlates of perseverance look similar to those of the industriousness facet of conscientiousness, which encompasses the tendencies to be hardworking, resourceful, confident in one's abilities, and ambitious. (Roberts et al., 2004; Roberts, Lejuez, Krueger, Richards, & Hill, 2014).

In order to clarify the construct validity of the perseverance scale used in PISA 2012, we collected a new set of data that included the perseverance measure along with a faceted measure of conscientiousness.

Method

In this study, we examined the construct validity and the internal consistency

reliability of the perseverance measure in PISA 2012. We explored the relationship between perseverance measure in PISA 2012 and the Big Five Inventory 2 (BFI-2). Data collection was approved by Institutional Review Boards (IRBs) at University of Illinois at Urbana-Champaign (IRB ID: 20477; Study Title: Impulse and Control Scale).

Participants

Participants were recruited in the Spring of 2020 using an mTurk panel. All participants completed the same survey anonymously and received 3 USD for their participation. To ensure data quality, we employed three attention check items (e.g., Please choose the "Strongly disagree" option for this item). Participants were included only if they passed all 3 attention check items, and out of the 874 participants who took part in the study, 804 passed the attention check. Then, we excluded an additional 40 participants for completing the survey under 421 seconds (the 5th percentile for completing time), so eventually 764 participants were included in the current analysis. In the final sample, there were 485 men and 274 women (3 people reported "other", and 2 people did not specify their gender). Mean age of participants was 38.87 with a standard deviation of 11.85. There were 547 Caucasian/European Americans, 124 African Americans, 36 Hispanic, 41 Asian Americans, 3 Native Americans, and 11 others (2 people did not specify their ethnic background).

Measures

Demographics. Participants completed a questionnaire asking for their demographic information, such as gender, age, ethnic background, and highest level

of education.

PISA 2012 Perseverance Scale. Participants responded to the 5 perseverance items (i.e., *I put off difficult problems*; *When confronted with a problem, I give up easily*; *I remain interested in tasks that I start*; *I continue working on tasks until everything is perfect*; *When confronted with a problem, I do more than what is expected of me*) from the PISA 2012 survey. For each item, participants rated how well it described themselves on a 5-point scale ranging from 1 ("Not at all like me") to 5 ("Very much like me"). The internal consistency (Cronbach's alpha) of the scale was .66.

Big Five Inventory-2 (BFI-2; Soto & John, 2017). The BFI-2 contains 60 items measuring five domains of personality: Extraversion, Agreeableness, Conscientiousness, Negative Emotionality, and Open-Mindedness. Each domain includes three facets, producing a total of 15 facets. Participants used a 5-point scale ranging from 1 (disagree strongly) to 5 (agree strongly) to indicate the extent to which each item described them. The internal consistency (Cronbach's alpha) was .88, .84, .84, .90, and .86 for the domains of Conscientiousness, Extraversion, Agreeableness, Negative Emotionality, and Open-Mindedness, respectively.

Analyses

A power analysis indicated that the sample size of the current study was large enough for detecting a correlational effect size of .20 with a power of 0.8. Data and measures used for this study can be found at the following open science link: https://osf.io/emwyq/?view_only=bee629dcf0154f02a3d9f1f1089c3a9d (Zhang,

Wetzel, Yoon, & Roberts, 2024, February 17). To examine the construct validity of the perseverance scale of PISA 2012, we computed correlations between the scale and the five BFI-2 domain scores.

Results

Table S1 contains descriptive statistics, internal consistency of the measures, and correlations between the PISA 2012 Perseverance scale and the BFI-2 scales of both the broad personality domains and narrow facets. We found that the PISA 2012 Perseverance scale had mean and standard deviation that were very close to those of the Conscientiousness domain and its narrow facets of the BFI-2, and that the PISA 2012 Perseverance scale was more strongly correlated with the BFI-2 domain and facet measures of conscientiousness than the other four personality traits. In addition, the negative perseverance facet in general was more strongly related to the BFI Conscientiousness domain and its narrow facets than the positive perseverance facet.

Discussion

Consistent with past research (MacCann et al., 2009), we found that perseverance was most strongly correlated with overall conscientiousness and its facets, although it should be noted that the perseverance scale was statistically significantly correlated with all Big Five personality domains of the BFI-2. This was most likely the result of the five BFI-2 domains being highly correlated with each other. Nonetheless, the pattern we observed across these Big Five scales invites the possibility that the perseverance scale in PISA 2012 captured more than just conscientiousness, which may actually contribute to its ability to predict outcomes of

interest.

Table S1

Internal Consistencies, Means, Standard deviations, and Correlations Among the PISA 2012 Perseverance Scale and the BFI-2 Scales (N = 764)

Measure	α	*M*	*SD*	1	2	2-1	2-2	2-3	3	3-1	3-2	3-3	4	4-1	4-2	4-3	5	5-1	5-2	5-3	6	6-1	6-2
1. Perseverance	.66	3.70	0.67	-																			
2. Conscientiousness	.88	3.70	0.74	**.71**	-																		
2-1. C-O	.74	3.68	0.86	**.53**	**.87**	-																	
2-2. C-P	.72	3.71	0.81	**.72**	**.90**	**.65**	-																
2-3. C-R	.73	3.72	0.82	**.64**	**.90**	**.66**	**.75**	-															
3. Extraversion	.84	3.09	0.74	**.42**	**.30**	**.20**	**.39**	**.22**	-														
3-1. E-S	.81	2.84	1.00	**.24**	**.13**	.06	**.22**	.08	**.86**	-													
3-2. E-A	.68	3.11	0.87	**.36**	**.21**	**.16**	**.29**	**.13**	**.82**	**.55**	-												
3-3. E-E	.64	3.32	0.82	**.47**	**.42**	**.29**	**.47**	**.37**	**.78**	**.50**	**.46**	-											
4. Agreeableness	.84	3.63	0.68	**.49**	**.60**	**.46**	**.55**	**.61**	**.22**	**.12**	.04	**.40**	-										
4-1. A-C	.66	3.69	0.80	**.40**	**.49**	**.36**	**.44**	**.50**	**.17**	.09	.02	**.33**	**.87**	-									
4-2. A-R	.71	3.87	0.77	**.48**	**.60**	**.44**	**.54**	**.62**	.07	-.03	-.03	**.26**	**.85**	**.66**	-								
4-3. A-A	.69	3.32	0.83	**.38**	**.45**	**.36**	**.42**	**.43**	**.30**	**.23**	.09	**.43**	**.82**	**.55**	**.53**	-							
5. Negative Emotionality	.90	2.64	0.83	**-.54**	**-.57**	**-.42**	**-.57**	**-.54**	**-.48**	**-.34**	**-.35**	**-.51**	**-.48**	**-.29**	**-.41**	**-.52**	-						
5-1. NE-A	.74	2.89	0.91	**-.40**	**-.39**	**-.26**	**-.40**	**-.37**	**-.44**	**-.34**	**-.33**	**-.41**	**-.32**	**-.14**	**-.24**	**-.42**	**.88**	-					
5-2. NE-S	.80	2.50	0.97	**-.55**	**-.57**	**-.42**	**-.57**	**-.53**	**-.54**	**-.39**	**-.37**	**-.57**	**-.48**	**-.33**	**-.37**	**-.51**	**.89**	**.68**	-				
5-3. NE-E	.79	2.53	0.93	**-.47**	**-.57**	**-.43**	**-.53**	**-.55**	**-.30**	**-.16**	**-.22**	**-.36**	**-.49**	**-.29**	**-.49**	**-.46**	**.89**	**.68**	**.68**	-			
6. Open-Mindedness	.86	3.69	0.70	**.43**	**.36**	**.27**	**.38**	**.31**	**.29**	**.14**	**.23**	**.35**	**.44**	**.46**	**.41**	**.25**	**-.26**	**-.15**	**-.28**	**-.26**	-		
6-1. OM-A	.72	3.62	0.86	**.25**	**.27**	**.24**	**.25**	**.22**	**.13**	.06	.06	**.22**	**.38**	**.41**	**.33**	**.23**	**-.12**	-.03	**-.14**	**-.14**	**.85**	-	
6-2. OM-I	.69	3.74	0.79	**.40**	**.30**	**.21**	**.32**	**.27**	**.24**	**.09**	**.22**	**.29**	**.37**	**.37**	**.37**	**.21**	**-.26**	**-.15**	**-.26**	**-.26**	**.86**	**.58**	-
6-3. OM-C	.71	3.71	0.81	**.48**	**.37**	**.26**	**.42**	**.32**	**.37**	**.20**	**.33**	**.41**	**.38**	**.40**	**.35**	**.21**	**-.31**	**-.22**	**-.33**	**-.27**	**.87**	**.58**	**.66**

Note. α = Cronbach's alpha; *M* = mean; *SD* = standard deviation; C-O = the Organization facet of the BFI-2 Conscientiousness domain; C-P = the Productiveness facet of the BFI-2 Conscientiousness domain; C-R = the Responsibility facet of the BFI-2 Conscientiousness domain; E-S = the Social Engagement facet of the BFI-2 Extraversion domain; E-A = the Assertiveness facet of the BFI-2 Extraversion domain; E-E = the Energy Level facet of the BFI-2 Extraversion domain; A-C = the Compassion facet of the BFI-2 Agreeableness domain; A-R = the Respectfulness facet of the BFI-2 Agreeableness domain; A-A = the Acceptance of Others facet of the BFI-2 Agreeableness domain; NE-A = the Anxiety facet of the BFI-2 Negative Emotionality domain; NE-S = the Sadness facet of the BFI-2 Negative Emotionality domain; NE-E = the Emotional Volatility facet of the BFI-2 Negative Emotionality domain; OM-A = the Aesthetic Sensitivity facet of the BFI-2 Open-Mindedness domain;

OM-I =the Intellectual Curiosity facet of the BFI-2 Open-Mindedness domain domain; OM-C = the Creative Imagination facet of the BFI-2 Open-Mindedness domain. Correlation coefficients that are significant at the .01 level are marked in bold.

Table S2

Descriptive Statistics and Correlations Among the Perseverance Items, Math Achievement, and Truancy for 9 Cultural Regions

Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
North America/Oceania	1. Give up easily[r]	32,863	3.72	1.02							
	2. Put off difficult problems[r]	32,804	3.30	1.09	**.66**						
	3. Remain interested	32,676	3.47	0.98	**.24**	**.23**					
	4. Continue to perfection	32,823	3.45	1.09	**.27**	**.25**	**.56**				
	5. Do more than expected	32,809	3.17	1.08	**.30**	**.29**	**.46**	**.61**			
	6. SES	48,793	4.91	1.23	**.11**	**.06**	**.08**	**.10**	**.09**		
	7. Truancy	49,306	1.35	0.48	**-.16**	**-.12**	**-.12**	**-.15**	**-.13**	**-.08**	
	8. Math Achievement	50,610	485.78 (2.89)	91.09 (0.99)	**.30**	**.20**	**.10**	**.16**	**.10**	**.26**	**-.21**
MENA	1. Give up easily[r]	27,544	3.25	1.37							
	2. Put off difficult problems[r]	27,394	2.82	1.26	**.54**						
	3. Remain interested	27,283	3.91	1.11	**.03**	**-.09**					
	4. Continue to perfection	27,414	3.94	1.11	**.10**	**-.02**	**.61**				
	5. Do more than expected	27,441	3.75	1.17	**.09**	-.01	**.50**	**.60**			
	6. SES	42,768	4.51	1.75	**.05**	**.06**	**.02**	**.04**	.00		
	7. Truancy	42,845	1.45	0.53	**-.10**	**-.07**	**-.09**	**-.11**	**-.08**	**-.05**	
	8. Math Achievement	43,814	437.21 (3.28)	93.69 (2.37)	**.29**	**.18**	**.06**	.02	.02	**.22**	**.04**

Table S2 (continued).

Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
Latin America	1. Give up easily[r]	57,597	3.61	1.19							
	2. Put off difficult problems[r]	57,460	3.01	1.27	**.48**						
	3. Remain interested	57,195	3.67	1.07	**.03**	**-.04**					
	4. Continue to perfection	57,424	3.61	1.12	**.09**	**.04**	**.56**				
	5. Do more than expected	57,481	3.61	1.14	**.12**	**.06**	**.46**	**.58**			
	6. SES	89,312	3.64	1.95	**.09**	**.01**	**.03**	**.02**	**.05**		
	7. Truancy	89,479	1.36	0.46	**-.09**	**-.06**	**-.10**	**-.11**	**-.07**	**.02**	
	8. Math Achievement	90,799	393.38 (1.17)	78.80 (0.78)	**.27**	**.09**	**.05**	**.03**	**.06**	**.29**	**-.11**
Southern Europe	1. Give up easily[r]	22,724	3.52	1.23							
	2. Put off difficult problems[r]	22,691	3.16	1.26	**.56**						
	3. Remain interested	22,618	3.57	1.14	**.05**	**.02**					
	4. Continue to perfection	22,695	3.46	1.17	**.12**	**.09**	**.56**				
	5. Do more than expected	22,711	3.46	1.17	**.15**	**.12**	**.45**	**.58**			
	6. SES	35,414	4.17	1.55	**.06**	**.05**	-.01	.00	.00		
	7. Truancy	35,139	1.40	0.54	**-.11**	**-.11**	**-.09**	**-.12**	**-.07**	.01	
	8. Math Achievement	35,937	458.00 (1.51)	95.14 (0.79)	**.24**	**.12**	**.08**	**.08**	**.04**	**.18**	**-.12**
Western Europe	1. Give up easily[r]	76,643	3.52	1.13							
	2. Put off difficult problems[r]	76,457	3.15	1.18	**.53**						
	3. Remain interested	76,441	3.41	1.05	**.19**	**.15**					
	4. Continue to perfection	76,573	3.19	1.15	**.22**	**.19**	**.57**				
	5. Do more than expected	76,505	3.03	1.17	**.21**	**.23**	**.44**	**.54**			

Table S2 (continued).

Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	6. SES	113,646	4.43	1.47	**.06**	**.02**	**.03**	**.04**	**.02**		
Western Europe	7. Truancy	115,969	1.31	0.45	**-.10**	**-.03**	**-.07**	**-.11**	.00	**-.05**	
	8. Math Achievement	118,267	499.50 (1.10)	95.34 (0.64)	**.31**	**.17**	**.12**	**.11**	**.03**	**.26**	**-.22**
	1. Give up easily[r]	36,801	3.66	1.15							
	2. Put off difficult problems[r]	36,741	3.32	1.18	**.58**						
	3. Remain interested	36,683	3.51	1.13	**.05**	**.06**					
Former Communist Countries	4. Continue to perfection	36,738	3.39	1.18	**.14**	**.17**	**.55**				
	5. Do more than expected	36,733	3.25	1.17	**.15**	**.18**	**.42**	**.57**			
	6. SES	55,379	4.80	1.14	**.08**	**.08**	**.10**	**.14**	**.09**		
	7. Truancy	55,822	1.39	0.53	**-.05**	**-.03**	**-.06**	**-.07**	-.01	**-.01**	
	8. Math Achievement	56,281	480.70 (1.75)	90.03 (0.96)	**.15**	**.08**	**.07**	**.08**	.02	**.19**	**-.20**
	1. Give up easily[r]	18,788	3.36	1.13							
	2. Put off difficult problems[r]	18,734	3.08	1.09	**.64**						
	3. Remain interested	18,672	3.30	1.02	**.22**	**.18**					
The Nordics	4. Continue to perfection	18,744	3.19	1.10	**.32**	**.28**	**.53**				
	5. Do more than expected	18,707	2.94	1.07	**.31**	**.28**	**.45**	**.63**			
	6. SES	28,029	4.91	1.27	**.08**	**.08**	**.05**	**.06**	**.06**		
	7. Truancy	28,538	1.31	0.45	**-.16**	**-.14**	**-.10**	**-.15**	**-.10**	**-.04**	
	8. Math Achievement	29,240	494.38 (1.00)	89.25 (0.60)	**.40**	**.31**	**.21**	**.23**	**.19**	**.20**	**-.24**
East Asia	1. Give up easily[r]	21,549	3.42	0.96							
	2. Put off difficult problems[r]	21,535	3.00	1.06	**.59**						

Table S2 (continued).

Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
East Asia	3. Remain interested	21,483	3.45	1.05	**.14**	**.06**					
	4. Continue to perfection	21,533	3.28	1.09	**.27**	**.20**	**.54**				
	5. Do more than expected	21,541	3.03	1.05	**.27**	**.22**	**.39**	**.54**			
	6. SES	31,980	4.16	1.57	.00	**-.07**	.00	**-.03**	**-.06**		
	7. Truancy	32,349	1.11	0.28	**-.06**	**-.02**	**-.07**	**-.07**	**-.03**	**-.05**	
	8. Math Achievement	32,612	548.11 (2.23)	100.00 (1.32)	**.28**	**.19**	**.16**	**.18**	**.15**	**.22**	**-.19**
Southeast Asia	1. Give up easily[r]	18,347	3.43	1.07							
	2. Put off difficult problems[r]	18,324	3.15	1.11	**.50**						
	3. Remain interested	18,260	3.78	0.96	.01	**-.08**					
	4. Continue to perfection	18,326	3.78	1.00	**.09**	-.02	**.53**				
	5. Do more than expected	18,331	3.54	1.03	**.07**	**-.04**	**.40**	**.55**			
	6. SES	27,770	3.50	1.81	**.06**	-.01	.02	**.03**	**.04**		
	7. Truancy	27,744	1.26	0.41	**-.12**	**-.11**	**-.06**	**-.06**	-.01	**.02**	
	8. Math Achievement	27,930	416.12 (2.70)	94.92 (1.61)	**.23**	**.15**	**.11**	.03	**-.05**	**.18**	**-.19**

Note. *N* = sample size; *M* = mean; *SD* = standard deviation; Give up easily = "When confronted with a problem, I give up easily"; Put off difficult problems = "I put off difficult problems"; Remain interested = "I remain interested in tasks that I start"; Continue to perfection = "I continue working on tasks until everything is perfect"; Do more than expected = "When confronted with a problem, I do more than what is expected of me".

Correlations that are significant at the .01 level are marked in bold. Standard errors of the estimates for plausible values are presented in parentheses,

[r] The item was reversely coded so that higher score represents higher level of perseverance.

Table S3

Descriptive Statistics and Correlations Among the Perseverance items, SES, Truancy, and Math Achievement for 62 Countries/Regions

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
Low Loading	ALB											
		1. Give up easily[r]	2,597	3.69	1.39							
		2. Put off difficult problems[r]	2,591	3.30	1.40	**.55**						
		3. Remain interested	2,593	4.03	1.04	**.06**	**-.08**					
		4. Continue to perfection	2,602	3.96	1.07	.03	-.03	**.53**				
		5. Do more than expected	2,599	3.87	1.10	**.06**	.00	**.37**	**.48**			
		6. SES	4,743	3.84	1.71	.03	**.05**	**.06**	.02	**.06**		
		7. Truancy	4,365	1.29	0.44	**-.13**	**-.11**	**-.12**	**-.15**	**-.07**	.01	
		8. Math Achievement	4,743	394.33(2.00)	91.49(1.40)	.01	-.02	.01	.02	.01	.00	.04
	ARE											
		1. Give up easily[r]	7,337	3.29	1.34							
		2. Put off difficult problems[r]	7,297	2.79	1.26	**.51**						
		3. Remain interested	7,291	4.09	1.00	**.03**	**-.12**					
		4. Continue to perfection	7,312	4.09	1.02	**.11**	-.03	**.57**				
		5. Do more than expected	7,309	3.85	1.11	**.07**	**-.04**	**.46**	**.57**			

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
		6. SES	11,339	5.00	1.46	**.14**	**.16**	**-.06**	.00	**-.04**		
		7. Truancy	11,362	1.41	0.49	**-.12**	**-.10**	**-.09**	**-.09**	**-.06**	**-.03**	
		8. Math Achievement	11,500	434.01(2.43)	89.52(1.19)	**.39**	**.32**	.03	**.08**	.00	**.30**	**-.20**
	ARG											
		1. Give up easily[r]	3,641	3.41	1.30							
		2. Put off difficult problems[r]	3,642	2.70	1.26	**.47**						
		3. Remain interested	3,618	3.51	1.14	.00	**-.05**					
		4. Continue to perfection	3,634	3.39	1.19	**.11**	**.07**	**.51**				
Low Loading		5. Do more than expected	3,641	3.46	1.22	**.11**	**.07**	**.43**	**.55**			
		6. SES	5,661	3.95	1.94	**.08**	.03	.03	.04	.04		
		7. Truancy	5,771	1.72	0.65	**-.12**	**-.05**	**-.04**	**-.07**	**-.04**	**-.09**	
		8. Math Achievement	5,908	388.43(3.53)	76.74(1.73)	**.29**	**.14**	-.02	.02	.02	**.29**	**-.27**
	BGR											
		1. Give up easily[r]	3,344	3.79	1.32							
		2. Put off difficult problems[r]	3,335	3.62	1.28	**.60**						
		3. Remain interested	3,327	3.66	1.21	-.02	-.03					

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
		4. Continue to perfection	3,329	3.62	1.26	.02	.02	**.68**				
		5. Do more than expected	3,333	3.71	1.20	**.08**	.04	**.47**	**.55**			
		6. SES	5,145	4.56	1.30	**.11**	**.10**	**.06**	**.07**	.04		
		7. Truancy	5,204	1.57	0.66	**-.05**	**-.05**	**-.12**	**-.13**	**-.08**	**-.09**	
		8. Math Achievement	5,282	438.74(3.99)	93.91(2.19)	**.26**	**.24**	**.11**	**.09**	.02	**.33**	**-.27**
	BRA											
		1. Give up easily[r]	12,012	3.45	1.22							
		2. Put off difficult problems[r]	11,990	2.76	1.27	**.45**						
Low Loading		3. Remain interested	11,896	3.60	1.09	-.01	**-.09**					
		4. Continue to perfection	11,920	3.58	1.13	**.05**	.02	**.57**				
		5. Do more than expected	11,959	3.56	1.16	**.09**	**.09**	**.42**	**.57**			
		6. SES	18,831	3.40	1.90	**.06**	-.01	**.03**	.00	.01		
		7. Truancy	18,837	1.31	0.44	**-.06**	**-.03**	**-.08**	**-.09**	**-.06**	**.02**	
		8. Math Achievement	19,204	388.51(1.94)	78.21(1.65)	**.28**	**.07**	**.07**	.02	.04	**.31**	**-.07**
	CHL											
		1. Give up easily[r]	4,491	3.72	1.15							
		2. Put off difficult problems[r]	4,494	2.76	1.29	**.42**						

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
		3. Remain interested	4,456	3.93	1.03	**.17**	**.05**					
		4. Continue to perfection	4,494	3.50	1.12	**.20**	**.09**	**.46**				
		5. Do more than expected	4,495	3.60	1.10	**.24**	**.14**	**.45**	**.55**			
		6. SES	6,665	4.05	1.54	**.11**	**.06**	.03	.01	.01		
		7. Truancy	6,734	1.35	0.41	**-.10**	**-.04**	**-.05**	**-.11**	**-.06**	**-.09**	
		8. Math Achievement	6,856	422.63(3.07)	80.75(1.46)	**.23**	**.09**	**.08**	**.09**	.04	**.39**	**-.21**
Low Loading	COL											
		1. Give up easily[r]	5,499	3.70	1.22							
		2. Put off difficult problems[r]	5,487	3.42	1.25	**.56**						
		3. Remain interested	5,460	3.75	1.06	-.01	.00					
		4. Continue to perfection	5,480	3.60	1.09	-.01	.02	**.54**				
		5. Do more than expected	5,476	3.57	1.12	.03	**.05**	**.46**	**.53**			
		6. SES	8,976	3.65	2.07	**.09**	**.04**	**.04**	.00	**.06**		
		7. Truancy	8,965	1.22	0.32	**-.07**	**-.06**	**-.05**	**-.11**	**-.06**	.02	
		8. Math Achievement	9,073	376.49(2.89)	74.33(1.71)	**.23**	**.11**	.02	**-.08**	.02	**.29**	**-.07**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	CRI											
		1. Give up easily[r]	2,874	3.89	1.09							
		2. Put off difficult problems[r]	2,865	3.09	1.28	**.26**						
		3. Remain interested	2,866	3.72	1.08	**.14**	**-.10**					
		4. Continue to perfection	2,873	3.78	1.11	**.19**	**-.06**	**.58**				
		5. Do more than expected	2,873	3.80	1.10	**.22**	**-.05**	**.45**	**.56**			
		6. SES	4,560	4.04	2.00	**.06**	.02	-.02	-.01	.02		
		7. Truancy	4,533	1.60	0.54	**-.08**	-.03	**-.11**	**-.11**	**-.08**	.02	
Low Loading		8. Math Achievement	4,602	407.00(3.04)	68.36(1.80)	**.20**	**.11**	-.01	.03	.03	**.31**	-.05
	ESP											
		1. Give up easily[r]	16,561	3.55	1.14							
		2. Put off difficult problems[r]	16,517	3.02	1.18	**.46**						
		3. Remain interested	16,520	3.59	1.02	**.16**	**.05**					
		4. Continue to perfection	16,532	3.36	1.13	**.20**	**.11**	**.59**				
		5. Do more than expected	16,484	3.26	1.12	**.24**	**.12**	**.45**	**.54**			
		6. SES	24,818	4.22	1.71	**.10**	**.03**	**.06**	**.08**	**.08**		
		7. Truancy	24,869	1.42	0.52	**-.09**	**-.02**	**-.12**	**-.12**	**-.07**	**-.07**	
		8. Math Achievement	25,313	484.32(1.90)	87.74(.73)	**.29**	**.11**	**.17**	**.15**	**.10**	**.30**	**-.23**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	GRC											
		1. Give up easily[r]	3,347	3.28	1.21							
		2. Put off difficult problems[r]	3,346	2.80	1.21	**.58**						
		3. Remain interested	3,319	3.32	1.10	**.06**	.00					
		4. Continue to perfection	3,343	3.34	1.20	**.22**	**.14**	**.45**				
		5. Do more than expected	3,351	3.24	1.23	**.23**	**.14**	**.37**	**.53**			
		6. SES	5,065	4.64	1.38	**.09**	**.07**	**.09**	**.08**	**.09**		
		7. Truancy	5,083	1.55	0.60	**-.15**	**-.08**	**-.07**	**-.17**	**-.09**	.01	
Low Loading		8. Math Achievement	5,125	452.97(2.50)	87.79(1.34)	**.30**	**.20**	**.15**	**.14**	**.15**	**.29**	**-.12**
	HKG											
		1. Give up easily[r]	3,061	3.65	0.85							
		2. Put off difficult problems[r]	3,061	3.18	0.95	**.54**						
		3. Remain interested	3,054	3.52	0.89	**.14**	-.01					
		4. Continue to perfection	3,059	3.48	0.99	**.30**	**.17**	**.54**				
		5. Do more than expected	3,062	3.17	1.00	**.27**	**.19**	**.40**	**.61**			
		6. SES	4,477	3.38	1.57	**.10**	.04	**.08**	**.08**	**.08**		
		7. Truancy	4,577	1.09	0.22	**-.07**	-.04	-.03	-.02	-.01	-.02	
		8. Math Achievement	4,670	561.24(3.22)	96.31(1.92)	**.17**	-.02	**.19**	**.16**	**.11**	**.24**	**-.22**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	HUN											
		1. Give up easily[r]	3,168	3.58	1.10							
		2. Put off difficult problems[r]	3,163	3.13	1.09	**.49**						
		3. Remain interested	3,153	3.26	1.02	**.05**	.01					
		4. Continue to perfection	3,164	3.28	1.09	**.19**	**.14**	**.43**				
		5. Do more than expected	3,160	3.10	1.07	**.19**	**.15**	**.34**	**.54**			
		6. SES	4,692	4.45	1.41	**.06**	.02	.02	**.05**	.01		
		7. Truancy	4,765	1.17	0.35	-.04	**-.05**	**-.07**	**-.08**	-.01	**-.10**	
Low Loading		8. Math Achievement	4,810	477.04(3.19)	93.62(2.40)	**.16**	**.07**	**.11**	**.17**	.01	**.36**	**-.26**
	IDN											
		1. Give up easily[r]	3,648	3.23	1.15							
		2. Put off difficult problems[r]	3,634	3.00	1.15	**.55**						
		3. Remain interested	3,622	3.76	1.03	**-.07**	**-.13**					
		4. Continue to perfection	3,636	3.79	1.04	.04	-.02	**.52**				
		5. Do more than expected	3,633	3.72	1.05	.02	**-.05**	**.44**	**.58**			
		6. SES	5,592	3.02	1.85	**.05**	-.01	**.05**	**.05**	**.06**		
		7. Truancy	5,538	1.26	0.39	**-.09**	**-.05**	-.03	**-.05**	-.04	**.07**	
		8. Math Achievement	5,622	375.11(4.04)	71.36(3.25)	**.16**	-.01	**.08**	.04	**.06**	**.22**	**-.13**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	JOR											
		1. Give up easily[r]	4,468	2.98	1.46							
		2. Put off difficult problems[r]	4,414	2.59	1.24	**.50**						
		3. Remain interested	4,409	4.14	1.07	**.05**	**-.18**					
		4. Continue to perfection	4,449	4.12	1.11	**.13**	**-.13**	**.69**				
		5. Do more than expected	4,461	3.93	1.16	**.09**	**-.12**	**.55**	**.62**			
		6. SES	6,879	4.62	1.48	**.06**	.01	**.08**	**.08**	**.05**		
		7. Truancy	6,752	1.47	0.49	**-.12**	**-.04**	**-.10**	**-.13**	**-.11**	.02	
Low Loading		8. Math Achievement	7,038	385.60(3.12)	77.58(2.67)	**.37**	**.16**	**.14**	**.16**	**.10**	**.22**	**-.12**
	JPN											
		1. Give up easily[r]	4,156	3.08	1.02							
		2. Put off difficult problems[r]	4,155	2.48	1.07	**.54**						
		3. Remain interested	4,140	2.99	1.02	**.20**	**.07**					
		4. Continue to perfection	4,152	2.82	1.08	**.31**	**.17**	**.56**				
		5. Do more than expected	4,154	2.45	0.95	**.28**	**.18**	**.40**	**.52**			
		6. SES	6,091	5.00	1.08	.02	.01	.02	.04	**.05**		
		7. Truancy	6,253	1.06	0.20	**-.10**	-.03	**-.06**	**-.08**	**-.06**	**-.07**	
		8. Math Achievement	6,351	536.41(3.59)	93.52(2.19)	**.26**	**.17**	**.12**	**.16**	**.09**	**.26**	**-.17**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	KAZ											
		1. Give up easily[r]	3,825	3.84	1.16							
		2. Put off difficult problems[r]	3,817	3.63	1.17	**.53**						
		3. Remain interested	3,823	4.16	1.05	**.06**	**.06**					
		4. Continue to perfection	3,815	3.98	1.04	**.09**	**.10**	**.60**				
		5. Do more than expected	3,811	3.59	1.14	.02	.03	**.39**	**.49**			
		6. SES	5,801	5.30	0.79	**.09**	**.06**	**.04**	.04	**.07**		
		7. Truancy	5,796	1.26	0.41	**-.12**	**-.16**	**-.09**	**-.11**	**-.04**	**-.05**	
Low Loading		8. Math Achievement	5,808	431.80(3.03)	71.18(1.76)	**.18**	**.15**	.06	.05	**.09**	**.15**	**-.15**
	KOR											
		1. Give up easily[r]	3,353	3.28	0.93							
		2. Put off difficult problems[r]	3,353	2.73	1.00	**.56**						
		3. Remain interested	3,352	3.71	0.96	**.11**	.00					
		4. Continue to perfection	3,351	3.35	1.01	**.25**	**.16**	**.48**				
		5. Do more than expected	3,351	2.99	0.94	**.23**	**.18**	**.33**	**.53**			
		6. SES	4,983	4.94	1.19	**.07**	.03	**.06**	**.08**	**.10**		
		7. Truancy	5,018	1.14	0.31	**-.09**	-.03	**-.09**	**-.08**	**-.09**	**-.08**	
		8. Math Achievement	5,033	553.77(4.58)	99.08(2.15)	**.29**	**.15**	**.14**	**.18**	**.16**	**.23**	**-.25**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	LTU											
		1. Give up easily[r]	3,027	3.69	1.03							
		2. Put off difficult problems[r]	3,020	3.33	1.06	**.56**						
		3. Remain interested	3,010	3.49	1.00	.00	-.02					
		4. Continue to perfection	3,019	3.33	1.08	**.13**	**.12**	**.47**				
		5. Do more than expected	3,023	3.24	1.07	**.17**	**.14**	**.36**	**.56**			
		6. SES	4,529	5.04	1.00	**.08**	.01	**.05**	**.09**	**.06**		
		7. Truancy	4,588	1.42	0.51	**-.05**	**-.06**	**-.09**	**-.09**	-.04	**-.06**	
Low Loading		8. Math Achievement	4,618	478.82(2.64)	89.11(1.36)	**.17**	.02	**.12**	**.15**	**.10**	**.26**	**-.25**
	LUX											
		1. Give up easily[r]	3,391	3.63	1.11							
		2. Put off difficult problems[r]	3,380	3.13	1.18	**.52**						
		3. Remain interested	3,376	3.31	1.09	**.09**	.03					
		4. Continue to perfection	3,389	3.19	1.18	**.16**	**.12**	**.55**				
		5. Do more than expected	3,388	2.81	1.21	**.13**	**.11**	**.45**	**.61**			
		6. SES	4,902	4.25	1.76	**.07**	**.07**	.04	.03	-.01		
		7. Truancy	5,207	1.20	0.38	**-.10**	**-.08**	**-.08**	**-.12**	**-.08**	.02	
		8. Math Achievement	5,258	489.85(1.09)	95.41(.86)	**.25**	**.14**	**.13**	**.08**	.02	**.33**	**-.15**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	MAC											
		1. Give up easily[r]	3,539	3.44	0.92							
		2. Put off difficult problems[r]	3,530	3.14	0.95	**.56**						
		3. Remain interested	3,512	3.52	0.91	**.05**	**-.06**					
		4. Continue to perfection	3,536	3.57	1.02	**.18**	**.12**	**.47**				
		5. Do more than expected	3,537	3.45	1.01	**.28**	**.17**	**.34**	**.55**			
		6. SES	5,252	2.97	1.57	**.08**	.02	.04	**.06**	**.07**		
		7. Truancy	5,309	1.14	0.28	**-.05**	**-.06**	-.03	-.04	**-.05**	-.02	
Low Loading		8. Math Achievement	5,335	538.13(.96)	94.50(.94)	**.20**	**.07**	**.13**	**.11**	**.15**	**.11**	**-.23**
	MEX											
		1. Give up easily[r]	22,109	3.64	1.16							
		2. Put off difficult problems[r]	22,071	3.09	1.26	**.52**						
		3. Remain interested	21,995	3.61	1.09	.01	**-.03**					
		4. Continue to perfection	22,073	3.64	1.13	**.09**	**.05**	**.60**				
		5. Do more than expected	22,100	3.62	1.14	**.11**	**.05**	**.49**	**.61**			
		6. SES	33,461	3.29	2.02	**.08**	.01	**.02**	**.06**	**.09**		
		7. Truancy	33,473	1.33	0.42	**-.10**	**-.07**	**-.13**	**-.12**	**-.08**	**.05**	
		8. Math Achievement	33,806	413.28(1.35)	74.27(.72)	**.28**	**.11**	**.05**	**.09**	**.12**	**.26**	**-.10**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	MNE											
		1. Give up easily[r]	3,019	3.54	1.41							
		2. Put off difficult problems[r]	3,018	3.26	1.38	**.52**						
		3. Remain interested	3,000	3.65	1.18	-.03	**-.06**					
		4. Continue to perfection	3,015	3.54	1.25	.00	-.04	**.63**				
		5. Do more than expected	3,015	3.65	1.22	.02	.01	**.49**	**.59**			
		6. SES	4,679	4.58	1.32	**.06**	-.01	.03	.03	.02		
		7. Truancy	4,665	1.43	0.57	**-.05**	-.04	**-.13**	**-.12**	**-.09**	**.06**	
Low Loading		8. Math Achievement	4,744	409.63(1.05)	82.67(1.07)	**.28**	**.18**	**.09**	**.06**	.04	**.23**	**-.14**
	MYS											
		1. Give up easily[r]	3,352	3.17	1.16							
		2. Put off difficult problems[r]	3,350	3.08	1.15	**.52**						
		3. Remain interested	3,333	3.79	1.02	**-.05**	**-.11**					
		4. Continue to perfection	3,350	3.76	1.02	.04	-.02	**.51**				
		5. Do more than expected	3,351	3.58	1.05	.03	-.02	**.40**	**.50**			
		6. SES	5,174	4.00	1.43	**.07**	-.01	.04	.04	.04		
		7. Truancy	5,160	1.39	0.49	**-.11**	**-.08**	**-.06**	**-.09**	-.02	.01	
		8. Math Achievement	5,197	420.51(3.18)	81.11(1.62)	**.25**	**.11**	**.06**	**.06**	.02	**.20**	**-.24**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	NLD											
		1. Give up easily[r]	2,858	3.64	1.05							
		2. Put off difficult problems[r]	2,852	3.19	1.06	**.51**						
		3. Remain interested	2,842	2.96	0.96	**.07**	**.09**					
		4. Continue to perfection	2,856	3.10	1.09	**.16**	**.16**	**.50**				
		5. Do more than expected	2,858	2.96	1.03	**.15**	**.18**	**.44**	**.57**			
		6. SES	4,299	4.71	1.12	.00	-.05	-.01	-.01	-.03		
		7. Truancy	4,393	1.19	0.33	-.05	**-.10**	**-.08**	**-.11**	**-.09**	.04	
Low Loading		8. Math Achievement	4,460	522.97(3.47)	91.61(2.10)	**.17**	-.01	**.07**	.04	-.03	**.19**	**-.18**
	PER											
		1. Give up easily[r]	3,630	3.55	1.23							
		2. Put off difficult problems[r]	3,608	3.10	1.17	**.47**						
		3. Remain interested	3,586	3.77	0.99	-.02	**-.13**					
		4. Continue to perfection	3,620	3.77	1.04	.02	**-.08**	**.57**				
		5. Do more than expected	3,610	3.72	1.06	**.08**	-.02	**.43**	**.50**			
		6. SES	5,960	3.80	1.85	**.15**	**.07**	-.03	**-.07**	.03		
		7. Truancy	5,967	1.36	0.43	**-.11**	**-.06**	**-.09**	**-.10**	**-.08**	-.02	
		8. Math Achievement	6,035	368.10(3.69)	84.36(2.20)	**.29**	**.12**	.00	**-.06**	**.07**	**.36**	**-.18**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	QAT											
		1. Give up easily[r]	6,616	3.10	1.37							
		2. Put off difficult problems[r]	6,573	2.78	1.21	**.56**						
		3. Remain interested	6,546	3.89	1.05	.02	**-.16**					
		4. Continue to perfection	6,573	3.91	1.10	**.09**	**-.10**	**.66**				
		5. Do more than expected	6,570	3.76	1.16	**.05**	**-.12**	**.55**	**.61**			
		6. SES	10,676	5.03	1.54	**.07**	**.09**	**.03**	**.03**	.00		
		7. Truancy	10,779	1.35	0.47	**-.13**	**-.07**	**-.13**	**-.13**	**-.13**	**.05**	
Low Loading		8. Math Achievement	10,966	376.45(.76)	99.86(.74)	**.36**	**.28**	**.11**	**.11**	**.04**	**.23**	**-.22**
	QCN											
		1. Give up easily[r]	3,431	3.51	0.94							
		2. Put off difficult problems[r]	3,431	3.16	1.06	**.55**						
		3. Remain interested	3,425	4.00	1.03	**.06**	.00					
		4. Continue to perfection	3,430	3.58	1.09	**.27**	**.17**	**.41**				
		5. Do more than expected	3,432	3.25	1.03	**.18**	**.12**	**.25**	**.34**			
		6. SES	5,165	4.17	1.59	**.07**	-.01	**.06**	**.09**	**.08**		
		7. Truancy	5,170	1.09	0.23	**-.05**	**-.08**	**-.06**	**-.06**	-.02	-.01	
		8. Math Achievement	5,177	612.68(3.29)	100.98(2.28)	**.17**	.04	**.07**	**.09**	**.10**	**.32**	**-.17**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	ROU											
		1. Give up easily[r]	3,344	3.24	1.29							
		2. Put off difficult problems[r]	3,330	3.11	1.26	**.65**						
		3. Remain interested	3,326	3.55	1.17	**-.07**	**-.05**					
		4. Continue to perfection	3,338	3.36	1.19	**-.07**	**-.06**	**.60**				
		5. Do more than expected	3,323	3.27	1.20	**-.06**	**-.06**	**.45**	**.56**			
		6. SES	5,048	4.68	1.20	.03	.00	.03	.02	.04		
		7. Truancy	5,041	1.57	0.62	**-.07**	-.04	**-.10**	**-.11**	**-.07**	**-.08**	
Low Loading		8. Math Achievement	5,074	444.55(3.76)	81.34(2.21)	**.18**	**.09**	**.09**	**.06**	.03	**.23**	**-.15**
	SGP											
		1. Give up easily[r]	3,687	3.64	0.94							
		2. Put off difficult problems[r]	3,686	3.32	0.98	**.54**						
		3. Remain interested	3,681	3.63	0.88	**.12**	.03					
		4. Continue to perfection	3,685	3.71	0.96	**.18**	**.07**	**.53**				
		5. Do more than expected	3,689	3.42	0.98	**.25**	**.12**	**.44**	**.58**			
		6. SES	5,502	4.50	1.36	**.08**	**.12**	.01	.02	-.01		
		7. Truancy	5,522	1.19	0.33	**-.08**	**-.08**	-.02	-.03	-.02	**-.06**	
		8. Math Achievement	5,546	573.47(1.32)	105.36(.92)	**.23**	**.19**	-.01	.03	-.03	**.28**	**-.20**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	SRB											
		1. Give up easily[r]	3,013	3.72	1.20							
		2. Put off difficult problems[r]	2,997	3.48	1.24	**.63**						
		3. Remain interested	2,977	3.25	1.23	**-.07**	**-.09**					
		4. Continue to perfection	3,002	3.25	1.24	**.07**	**.07**	**.50**				
		5. Do more than expected	3,009	3.38	1.23	**.12**	**.12**	**.38**	**.57**			
		6. SES	4,608	4.36	1.35	**.06**	.03	-.01	**.05**	.02		
		7. Truancy	4,601	1.36	0.51	**-.11**	**-.14**	**-.07**	**-.09**	**-.06**	**.06**	
Low Loading		8. Math Achievement	4,684	448.86(3.39)	90.68(2.21)	**.22**	**.09**	**.06**	**.10**	-.03	**.20**	**-.15**
	SVN											
		1. Give up easily[r]	3,734	3.32	1.11							
		2. Put off difficult problems[r]	3,732	3.15	1.19	**.56**						
		3. Remain interested	3,721	3.66	1.08	.04	.03					
		4. Continue to perfection	3,727	3.39	1.09	**.13**	**.17**	**.44**				
		5. Do more than expected	3,727	3.25	1.09	**.11**	**.16**	**.41**	**.58**			
		6. SES	5,769	4.27	1.29	**.05**	-.02	.00	.00	-.02		
		7. Truancy	5,826	1.35	0.51	**-.08**	**-.08**	**-.04**	**-.13**	-.04	-.01	
		8. Math Achievement	5,911	501.13(1.23)	91.67(1.02)	**.25**	**.06**	.03	**.08**	-.05	**.30**	**-.24**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	THA											
		1. Give up easily[r]	4,399	3.44	1.07							
		2. Put off difficult problems[r]	4,394	2.78	1.05	**.33**						
		3. Remain interested	4,378	3.75	0.91	.03	**-.24**					
		4. Continue to perfection	4,395	3.86	0.93	**.12**	**-.13**	**.61**				
		5. Do more than expected	4,397	3.62	0.95	**.06**	**-.14**	**.47**	**.57**			
		6. SES	6,565	2.98	1.92	**.08**	-.03	**.10**	**.07**	**.08**		
		7. Truancy	6,579	1.34	0.49	**-.11**	-.03	**-.10**	**-.11**	**-.07**	.00	
Low Loading		8. Math Achievement	6,606	426.74(3.45)	82.21(2.14)	**.22**	.00	**.17**	**.17**	**.11**	**.25**	**-.18**
	TUN											
		1. Give up easily[r]	2,767	3.20	1.37							
		2. Put off difficult problems[r]	2,764	2.72	1.36	**.49**						
		3. Remain interested	2,739	3.64	1.31	.04	-.04					
		4. Continue to perfection	2,744	3.77	1.22	**.12**	**.06**	**.46**				
		5. Do more than expected	2,762	3.49	1.33	**.16**	**.15**	**.37**	**.58**			
		6. SES	4,294	3.56	1.85	.04	.00	.03	.05	.04		
		7. Truancy	4,286	1.43	0.53	**-.14**	**-.10**	**-.05**	**-.10**	**-.10**	**.06**	
		8. Math Achievement	4,407	387.82(3.91)	78.18(3.07)	**.28**	**.13**	**.09**	**.06**	**.06**	**.24**	**-.08**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	TUR											
		1. Give up easily[r]	3,196	3.45	1.28							
		2. Put off difficult problems[r]	3,194	2.95	1.27	**.63**						
		3. Remain interested	3,164	3.94	1.05	**.07**	.01					
		4. Continue to perfection	3,184	3.86	1.06	**.08**	**.06**	**.59**				
		5. Do more than expected	3,193	3.85	1.06	**.11**	**.08**	**.49**	**.59**			
		6. SES	4,789	2.73	1.89	.04	**.05**	.04	.02	.01		
		7. Truancy	4,798	1.70	0.69	**-.10**	**-.08**	**-.07**	**-.07**	-.03	**.05**	
Low Loading		8. Math Achievement	4,848	447.98(4.83)	91.07(3.05)	**.26**	**.17**	**.07**	.03	.02	**.31**	.04
	URY											
		1. Give up easily[r]	3,341	3.65	1.24							
		2. Put off difficult problems[r]	3,303	3.16	1.23	**.46**						
		3. Remain interested	3,318	3.68	1.07	**.10**	-.03					
		4. Continue to perfection	3,330	3.51	1.17	**.19**	**.07**	**.60**				
		5. Do more than expected	3,327	3.44	1.18	**.18**	**.07**	**.46**	**.55**			
		6. SES	5,198	3.40	1.86	**.11**	.04	.03	.04	.04		
		7. Truancy	5,199	1.50	0.55	**-.10**	**-.08**	**-.14**	**-.18**	**-.08**	**-.06**	
		8. Math Achievement	5,315	409.29(2.76)	88.70(1.74)	**.31**	**.11**	.04	**.06**	.03	**.37**	**-.15**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
Low Loading	VNM											
		1. Give up easily[r]	3,261	3.66	0.92							
		2. Put off difficult problems[r]	3,260	3.73	0.96	**.61**						
		3. Remain interested	3,246	3.95	0.97	.02	.01					
		4. Continue to perfection	3,260	3.71	1.07	**.14**	**.16**	**.48**				
		5. Do more than expected	3,261	3.26	1.06	**.14**	**.16**	**.32**	**.52**			
		6. SES	4,937	2.75	1.68	.04	-.01	.02	.02	.04		
		7. Truancy	4,945	1.13	0.28	**-.09**	**-.10**	-.02	-.03	.00	**-.06**	
		8. Math Achievement	4,959	511.34(4.84)	85.76(2.65)	**.17**	**.09**	**.06**	.00	.02	**.31**	**-.20**
High Loading	USA											
		1. Give up easily[r]	6,627	3.85	1.01							
		2. Put off difficult problems[r]	6,609	3.42	1.10	**.64**						
		3. Remain interested	6,560	3.61	0.99	**.19**	**.19**					
		4. Continue to perfection	6,612	3.60	1.08	**.22**	**.21**	**.57**				
		5. Do more than expected	6,613	3.37	1.10	**.24**	**.26**	**.47**	**.59**			
		6. SES	10,075	4.81	1.36	**.09**	**.04**	**.07**	**.10**	**.06**		
		7. Truancy	10,161	1.28	0.41	**-.13**	**-.10**	**-.14**	**-.13**	**-.11**	**-.12**	
		8. Math Achievement	10,294	481.42(3.35)	90.05(1.20)	**.31**	**.21**	**.10**	**.16**	**.11**	**.26**	**-.22**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	AUS											
		1. Give up easily[r]	9,424	3.65	1.00							
		2. Put off difficult problems[r]	9,401	3.31	1.03	**.71**						
		3. Remain interested	9,359	3.43	0.93	**.25**	**.26**					
		4. Continue to perfection	9,408	3.38	1.07	**.28**	**.28**	**.55**				
		5. Do more than expected	9,398	3.05	1.03	**.32**	**.33**	**.46**	**.62**			
		6. SES	13,846	4.73	1.36	**.12**	**.07**	**.08**	**.10**	**.09**		
		7. Truancy	14,125	1.36	0.45	**-.18**	**-.16**	**-.13**	**-.17**	**-.15**	**-.09**	
High Loading		8. Math Achievement	14,481	504.15(1.64)	96.29(1.19)	**.34**	**.22**	**.18**	**.21**	**.18**	**.29**	**-.24**
	AUT											
		1. Give up easily[r]	3,112	3.74	1.04							
		2. Put off difficult problems[r]	3,108	3.06	1.15	**.48**						
		3. Remain interested	3,098	3.50	1.00	**.19**	**.12**					
		4. Continue to perfection	3,109	3.37	1.15	**.25**	**.22**	**.50**				
		5. Do more than expected	3,106	2.62	1.15	**.17**	**.20**	**.35**	**.54**			
		6. SES	4,631	4.30	1.26	**.05**	.01	.01	-.02	.00		
		7. Truancy	4,706	1.17	0.34	**-.07**	**-.07**	**-.05**	**-.07**	-.03	**.07**	
		8. Math Achievement	4,755	505.54(2.67)	92.48(1.70)	**.27**	**.10**	**.11**	**.07**	.01	**.28**	**-.08**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	BEL											
		1. Give up easily[r]	5,419	3.39	1.13							
		2. Put off difficult problems[r]	5,424	2.86	1.18	**.54**						
		3. Remain interested	5,410	3.06	1.12	**.21**	**.15**					
		4. Continue to perfection	5,408	2.98	1.16	**.24**	**.19**	**.58**				
		5. Do more than expected	5,403	2.64	1.15	**.22**	**.21**	**.42**	**.53**			
		6. SES	8,129	4.86	1.24	**.04**	-.02	.01	.01	-.01		
		7. Truancy	8,481	1.18	0.36	**-.09**	**-.08**	**-.07**	**-.10**	**-.06**	**-.04**	
High Loading		8. Math Achievement	8,597	514.53(2.14)	102.26(1.39)	**.23**	**.10**	**.11**	**.09**	.01	**.29**	**-.28**
	CAN											
		1. Give up easily[r]	14,049	3.79	0.97							
		2. Put off difficult problems[r]	14,036	3.30	1.10	**.63**						
		3. Remain interested	14,004	3.48	1.00	**.24**	**.23**					
		4. Continue to perfection	14,047	3.51	1.09	**.28**	**.25**	**.56**				
		5. Do more than expected	14,041	3.21	1.10	**.30**	**.27**	**.45**	**.60**			
		6. SES	20,952	5.13	1.06	**.09**	**.06**	**.07**	**.08**	**.08**		
		7. Truancy	20,834	1.40	0.51	**-.15**	**-.11**	**-.11**	**-.14**	**-.11**	**-.06**	
		8. Math Achievement	21,544	518.07(1.84)	88.86(.80)	**.32**	**.19**	**.13**	**.16**	**.14**	**.22**	**-.23**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	CHE											
		1. Give up easily[r]	7,373	3.62	1.02							
		2. Put off difficult problems[r]	7,363	3.00	1.15	**.49**						
		3. Remain interested	7,350	3.40	1.03	**.27**	**.18**					
		4. Continue to perfection	7,368	3.14	1.11	**.26**	**.20**	**.54**				
		5. Do more than expected	7,367	2.64	1.09	**.19**	**.18**	**.41**	**.54**			
		6. SES	10,902	4.39	1.49	**.04**	.01	.03	.00	-.01		
		7. Truancy	11,060	1.16	0.33	**-.13**	**-.10**	**-.11**	**-.14**	**-.08**	**.04**	
High Loading		8. Math Achievement	11,229	530.93(3.04)	94.29(1.45)	**.28**	**.11**	**.14**	.04	**-.08**	**.24**	**-.10**
	CZE											
		1. Give up easily[r]	3,459	3.62	1.04							
		2. Put off difficult problems[r]	3,457	3.14	1.10	**.51**						
		3. Remain interested	3,444	3.16	1.03	**.13**	**.16**					
		4. Continue to perfection	3,452	2.93	1.10	**.18**	**.21**	**.50**				
		5. Do more than expected	3,455	3.06	1.05	**.23**	**.28**	**.41**	**.53**			
		6. SES	5,258	4.36	1.09	.04	**-.05**	.04	.04	.00		
		7. Truancy	5,302	1.18	0.34	-.04	-.03	**-.06**	**-.10**	**-.05**	.00	
		8. Math Achievement	5,327	498.96(2.85)	94.94(1.62)	**.22**	.04	**.09**	**.09**	.03	**.30**	**-.18**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	DEU											
		1. Give up easily[r]	2,798	3.77	0.96							
		2. Put off difficult problems[r]	2,786	3.07	1.11	**.47**						
		3. Remain interested	2,781	3.58	0.95	**.23**	**.16**					
		4. Continue to perfection	2,795	3.29	1.09	**.25**	**.24**	**.51**				
		5. Do more than expected	2,794	2.67	1.12	**.21**	**.24**	**.38**	**.55**			
		6. SES	3,936	4.30	1.58	**.07**	.04	**.06**	.04	.04		
		7. Truancy	4,299	1.16	0.33	**-.11**	**-.08**	**-.07**	**-.07**	**-.07**	.01	
High Loading		8. Math Achievement	5,001	513.53(2.88)	96.30(1.64)	**.28**	**.15**	**.16**	**.10**	.05	**.29**	**-.09**
	DNK											
		1. Give up easily[r]	4,787	3.52	1.05							
		2. Put off difficult problems[r]	4,757	3.02	1.00	**.59**						
		3. Remain interested	4,755	3.37	0.94	**.23**	**.23**					
		4. Continue to perfection	4,765	3.16	1.08	**.30**	**.29**	**.55**				
		5. Do more than expected	4,747	2.92	1.01	**.33**	**.29**	**.47**	**.62**			
		6. SES	7,139	4.64	1.19	**.12**	**.04**	**.07**	**.07**	**.07**		
		7. Truancy	7,343	1.29	0.44	**-.18**	**-.18**	**-.11**	**-.14**	**-.09**	**-.06**	
		8. Math Achievement	7,481	500.03(2.29)	82.10(1.30)	**.40**	**.21**	**.18**	**.23**	**.20**	**.26**	**-.20**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	EST											
		1. Give up easily[r]	3,143	3.79	0.95							
		2. Put off difficult problems[r]	3,140	3.44	1.04	**.59**						
		3. Remain interested	3,143	3.69	0.99	**.17**	**.19**					
		4. Continue to perfection	3,141	3.52	1.08	**.26**	**.26**	**.53**				
		5. Do more than expected	3,142	3.27	1.03	**.28**	**.25**	**.40**	**.49**			
		6. SES	4,679	4.88	1.02	.04	-.01	.04	**.10**	.03		
		7. Truancy	4,727	1.39	0.50	**-.08**	**-.11**	**-.08**	**-.13**	**-.05**	.01	
High Loading		8. Math Achievement	4,779	520.55(2.02)	80.90(1.17)	**.12**	.00	-.01	**.08**	.01	**.17**	**-.24**
	FIN											
		1. Give up easily[r]	5,716	3.57	0.97							
		2. Put off difficult problems[r]	5,710	3.31	0.97	**.59**						
		3. Remain interested	5,682	3.38	0.94	**.23**	**.17**					
		4. Continue to perfection	5,710	3.21	1.05	**.28**	**.23**	**.55**				
		5. Do more than expected	5,711	2.95	1.00	**.31**	**.27**	**.45**	**.60**			
		6. SES	8,573	5.18	1.15	**.07**	**.09**	**.08**	**.07**	**.06**		
		7. Truancy	8,631	1.30	0.43	**-.12**	**-.12**	**-.12**	**-.14**	**-.10**	**-.06**	
		8. Math Achievement	8,829	518.75(1.94)	85.29(1.16)	**.31**	**.32**	**.25**	**.30**	**.23**	**.21**	**-.23**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	FRA											
		1. Give up easily[r]	2,950	3.31	1.20							
		2. Put off difficult problems[r]	2,952	2.80	1.25	**.58**						
		3. Remain interested	2,948	3.10	1.23	**.27**	**.20**					
		4. Continue to perfection	2,948	2.82	1.22	**.27**	**.22**	**.57**				
		5. Do more than expected	2,943	2.41	1.21	**.24**	**.21**	**.41**	**.54**			
		6. SES	4,367	4.47	1.38	**.13**	**.09**	.04	**.06**	.03		
		7. Truancy	4,501	1.25	0.43	**-.12**	**-.09**	**-.09**	**-.14**	**-.07**	**-.05**	
High Loading		8. Math Achievement	4,613	494.98(2.45)	97.46(1.67)	**.38**	**.27**	**.15**	**.13**	.05	**.31**	**-.23**
	GBR											
		1. Give up easily[r]	8,279	3.57	1.08							
		2. Put off difficult problems[r]	8,251	3.26	1.09	**.71**						
		3. Remain interested	8,250	3.47	0.97	**.25**	**.26**					
		4. Continue to perfection	8,273	3.38	1.09	**.31**	**.30**	**.56**				
		5. Do more than expected	8,273	3.14	1.05	**.34**	**.35**	**.45**	**.58**			
		6. SES	11,844	4.69	1.27	**.07**	**.04**	**.06**	**.07**	**.08**		
		7. Truancy	12,479	1.26	0.40	**-.14**	**-.12**	**-.11**	**-.13**	**-.10**	**-.06**	
		8. Math Achievement	12,659	493.93(3.30)	94.52(1.75)	**.35**	**.25**	**.13**	**.19**	**.13**	**.19**	**-.23**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
High Loading	HRV											
		1. Give up easily[r]	3,300	3.64	1.07							
		2. Put off difficult problems[r]	3,293	3.33	1.11	**.60**						
		3. Remain interested	3,299	3.35	1.07	**.15**	**.22**					
		4. Continue to perfection	3,299	3.14	1.12	**.17**	**.19**	**.60**				
		5. Do more than expected	3,299	3.20	1.13	**.21**	**.24**	**.48**	**.58**			
		6. SES	4,978	4.56	1.11	.02	-.01	.00	-.01	-.01		
		7. Truancy	4,982	1.31	0.48	**-.08**	**-.08**	**-.07**	**-.09**	-.03	.03	
		8. Math Achievement	5,008	471.13(3.54)	88.47(2.55)	**.18**	**.06**	.04	.05	-.03	**.23**	**-.24**
	IRL											
		1. Give up easily[r]	3,292	3.63	1.04							
		2. Put off difficult problems[r]	3,285	3.30	1.08	**.69**						
		3. Remain interested	3,287	3.54	1.00	**.29**	**.27**					
		4. Continue to perfection	3,296	3.42	1.11	**.32**	**.30**	**.57**				
		5. Do more than expected	3,292	3.08	1.10	**.38**	**.34**	**.41**	**.55**			
		6. SES	4,937	4.73	1.24	**.12**	**.09**	**.07**	**.09**	**.08**		
		7. Truancy	4,976	1.19	0.35	**-.08**	**-.08**	**-.07**	**-.11**	-.04	**-.04**	
		8. Math Achievement	5,016	501.50(2.25)	84.58(1.26)	**.35**	**.24**	**.13**	**.17**	**.16**	**.28**	**-.15**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	ISL											
		1. Give up easily[r]	2,208	3.49	1.16							
		2. Put off difficult problems[r]	2,203	3.11	1.12	**.64**						
		3. Remain interested	2,204	3.06	1.12	**.11**	.04					
		4. Continue to perfection	2,201	3.38	1.11	**.29**	**.18**	**.47**				
		5. Do more than expected	2,196	2.91	1.09	**.19**	**.12**	**.40**	**.64**			
		6. SES	3,354	5.05	1.28	**.09**	.03	.05	**.06**	.05		
		7. Truancy	3,402	1.21	0.34	**-.19**	**-.10**	**-.09**	**-.21**	**-.12**	-.01	
High Loading		8. Math Achievement	3,508	492.80(1.70)	91.95(1.31)	**.40**	**.24**	**.15**	**.26**	**.13**	**.17**	**-.21**
	ISR											
		1. Give up easily[r]	3,160	3.68	1.20							
		2. Put off difficult problems[r]	3,152	3.18	1.24	**.54**						
		3. Remain interested	3,134	3.53	1.19	**.15**	**.16**					
		4. Continue to perfection	3,152	3.75	1.17	**.22**	**.22**	**.61**				
		5. Do more than expected	3,146	3.49	1.20	**.23**	**.22**	**.49**	**.62**			
		6. SES	4,791	4.89	1.31	**.06**	.00	**-.07**	-.04	**-.06**		
		7. Truancy	4,868	1.54	0.57	**-.12**	**-.13**	**-.07**	**-.14**	**-.09**	-.01	
		8. Math Achievement	5,055	466.48(4.68)	104.91(1.82)	**.23**	.04	**-.06**	-.05	**-.07**	**.39**	**-.09**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	ITA											
		1. Give up easily[r]	20,415	3.36	1.22							
		2. Put off difficult problems[r]	20,345	3.40	1.20	**.58**						
		3. Remain interested	20,384	3.43	1.04	**.17**	**.20**					
		4. Continue to perfection	20,406	3.04	1.17	**.16**	**.20**	**.59**				
		5. Do more than expected	20,402	3.30	1.18	**.20**	**.27**	**.47**	**.54**			
		6. SES	30,594	4.19	1.47	**.02**	.02	**.02**	.01	.01		
		7. Truancy	30,708	1.49	0.50	**-.06**	**-.06**	**-.09**	**-.09**	**-.03**	-.01	
High Loading		8. Math Achievement	31,073	485.32(2.03)	92.78(1.15)	**.24**	**.19**	**.08**	**.04**	.03	**.19**	**-.23**
	LVA											
		1. Give up easily[r]	2,865	3.74	1.00							
		2. Put off difficult problems[r]	2,865	3.52	1.00	**.56**						
		3. Remain interested	2,861	3.50	0.99	**.14**	**.08**					
		4. Continue to perfection	2,863	3.14	1.05	**.22**	**.17**	**.53**				
		5. Do more than expected	2,865	3.17	1.06	**.24**	**.20**	**.36**	**.49**			
		6. SES	4,227	4.81	1.04	**.08**	**.06**	**.05**	**.09**	**.06**		
		7. Truancy	4,261	1.68	0.58	-.04	-.05	**-.09**	**-.12**	-.03	-.02	
		8. Math Achievement	4,306	490.57(2.75)	81.87(1.51)	**.18**	**.15**	**.14**	**.17**	**.11**	**.23**	**-.18**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	NOR											
		1. Give up easily[r]	3,029	3.04	1.20							
		2. Put off difficult problems[r]	3,020	2.76	1.18	**.69**						
		3. Remain interested	3,014	3.28	1.05	**.29**	**.23**					
		4. Continue to perfection	3,027	3.05	1.15	**.39**	**.32**	**.60**				
		5. Do more than expected	3,019	2.80	1.11	**.38**	**.33**	**.49**	**.63**			
		6. SES	4,467	4.88	1.01	**.12**	**.09**	**.07**	**.06**	**.05**		
		7. Truancy	4,564	1.21	0.41	**-.19**	**-.14**	**-.12**	**-.14**	**-.11**	.00	
High Loading		8. Math Achievement	4,686	489.37(2.73)	90.48(1.33)	**.43**	**.32**	**.26**	**.27**	**.24**	**.17**	**-.26**
	NZL											
		1. Give up easily[r]	2,763	3.59	1.02							
		2. Put off difficult problems[r]	2,758	3.24	1.06	**.69**						
		3. Remain interested	2,753	3.35	0.95	**.23**	**.21**					
		4. Continue to perfection	2,756	3.24	1.08	**.28**	**.25**	**.56**				
		5. Do more than expected	2,757	2.97	1.04	**.32**	**.32**	**.46**	**.61**			
		6. SES	3,920	4.57	1.37	**.09**	**.07**	**.05**	**.10**	**.09**		
		7. Truancy	4,186	1.35	0.48	**-.19**	**-.12**	**-.09**	**-.15**	**-.14**	**-.10**	
		8. Math Achievement	4,291	499.75(2.21)	99.61(1.22)	**.37**	**.25**	**.15**	**.19**	**.17**	**.27**	**-.35**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	POL											
		1. Give up easily[r]	3,056	3.94	1.03							
		2. Put off difficult problems[r]	3,054	3.32	1.14	**.46**						
		3. Remain interested	3,046	3.20	1.11	**.13**	**.20**					
		4. Continue to perfection	3,052	2.99	1.20	**.17**	**.29**	**.57**				
		5. Do more than expected	3,052	2.97	1.21	**.23**	**.27**	**.44**	**.53**			
		6. SES	4,481	4.22	1.17	**.06**	**.11**	**.11**	**.11**	.04		
		7. Truancy	4,576	1.36	0.51	-.04	**-.10**	**-.13**	**-.14**	**-.07**	.02	
High Loading		8. Math Achievement	4,607	517.50(3.62)	90.37(1.89)	**.20**	**.23**	**.25**	**.24**	**.14**	**.38**	**-.18**
	PRT											
		1. Give up easily[r]	3,714	3.62	1.16							
		2. Put off difficult problems[r]	3,714	2.93	1.21	**.53**						
		3. Remain interested	3,709	3.79	1.01	**.19**	**.16**					
		4. Continue to perfection	3,707	3.73	1.03	**.22**	**.17**	**.64**				
		5. Do more than expected	3,711	3.71	1.03	**.23**	**.17**	**.52**	**.62**			
		6. SES	5,572	3.18	1.96	**.15**	**.10**	**.06**	**.07**	**.07**		
		7. Truancy	5,617	1.46	0.52	**-.12**	**-.09**	**-.11**	**-.13**	**-.08**	-.02	
		8. Math Achievement	5,722	487.06(3.81)	93.95(1.37)	**.39**	**.28**	**.13**	**.14**	**.11**	**.35**	**-.18**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
	SVK											
		1. Give up easily[r]	3,005	3.07	1.22							
		2. Put off difficult problems[r]	3,002	2.59	1.21	**.59**						
		3. Remain interested	2,996	3.22	1.19	**.06**	.00					
		4. Continue to perfection	3,007	2.93	1.25	**.23**	**.22**	**.44**				
		5. Do more than expected	3,003	2.49	1.20	**.16**	**.20**	**.34**	**.58**			
		6. SES	4,606	4.32	1.10	**.11**	**.07**	.04	**.05**	.01		
		7. Truancy	4,624	1.20	0.38	**-.08**	**-.07**	-.02	**-.05**	-.02	**-.08**	
High Loading		8. Math Achievement	4,678	481.64(3.43)	100.84(2.46)	**.36**	**.24**	.05	**.09**	.01	**.35**	**-.22**
	SWE											
		1. Give up easily[r]	3,048	3.09	1.19							
		2. Put off difficult problems[r]	3,044	3.09	1.16	**.73**						
		3. Remain interested	3,017	3.14	1.08	**.17**	**.20**					
		4. Continue to perfection	3,041	3.05	1.11	**.28**	**.33**	**.49**				
		5. Do more than expected	3,034	2.92	1.08	**.26**	**.29**	**.45**	**.67**			
		6. SES	4,496	4.98	1.26	.05	**.06**	**.05**	.04	**.07**		
		7. Truancy	4,598	1.40	0.49	**-.16**	**-.21**	**-.07**	**-.16**	**-.11**	**-.05**	
		8. Math Achievement	4,736	478.26(2.26)	91.75(1.28)	**.38**	**.35**	**.16**	**.16**	**.14**	**.17**	**-.25**

Table S3 (continued).

	Country /Region	Variable	*N*	*M*	*SD*	1	2	3	4	5	6	7
High Loading	TAP											
		1. Give up easily[r]	4,009	3.60	0.93							
		2. Put off difficult problems[r]	4,005	3.34	1.01	**.64**						
		3. Remain interested	4,000	3.11	1.06	**.15**	**.13**					
		4. Continue to perfection	4,005	3.01	1.11	**.24**	**.24**	**.57**				
		5. Do more than expected	4,005	2.99	1.02	**.20**	**.18**	**.41**	**.51**			
		6. SES	6,012	4.32	1.29	**.10**	**.05**	**.05**	**.07**	**.04**		
		7. Truancy	6,022	1.17	0.38	**-.08**	**-.06**	**-.12**	**-.13**	**-.08**	**-.06**	
		8. Math Achievement	6,046	559.82(3.30)	115.61(1.92)	**.31**	**.23**	**.14**	**.15**	**.10**	**.32**	**-.26**

Note. *N* = sample size; *M* = mean; *SD* = standard deviation; Give up easily = “When confronted with a problem, I give up easily”; Put off difficult problems = “I put off difficult problems”; Remain interested = “I remain interested in tasks that I start”; Continue to perfection = “I continue working on tasks until everything is perfect”; Do more than expected = “When confronted with a problem, I do more than what is expected of me”; Low loading = countries/regions with low (i.e., $\lambda < .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; High loading = countries/regions with higher (i.e., $\lambda \geq .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; USA = United States of America; ALB = Albania; ARE = United Arab Emirates; ARG = Argentina; AUS = Australia; AUT = Austria; BEL = Belgium; BGR = Bulgaria; BRA = Brazil; CAN = Canada; CHE = Switzerland; CHL = Chile; COL = Colombia; CRI = Costa Rica; CZE = Czech Republic; DEU = Germany; DNK = Denmark; ESP = Spain; EST = Estonia;

FIN = Finland; FRA = France; GBR = United Kingdom; GRC = Greece; HKG = Hong Kong-China; HRV = Croatia; HUN = Hungary; IDN = Indonesia; IRL = Ireland; ISL = Iceland; ISR = Israel; ITA = Italy; JOR = Jordan; JPN = Japan; KAZ = Kazakhstan; KOR = Korea; LTU = Lithuania; LUX = Luxembourg; LVA = Latvia; MAC = Macao-China; MEX = Mexico; MNE = Montenegro; MYS = Malaysia; NLD = Netherlands; NOR = Norway; NZL = New Zealand; PER = Peru; POL = Poland; PRT = Portugal; QAT = Qatar; QCN = Shanghai-China; ROU = Romania; SGP = Singapore; SRB = Serbia; SVK = Slovak Republic; SVN = Slovenia; SWE = Sweden; TAP = Chinese Taipei; THA = Thailand; TUN = Tunisia; TUR = Turkey; URY = Uruguay; VNM = Vietnam.

Correlations that are significant at the .01 level are marked in bold.

Standard errors of the estimates for plausible values are presented in parentheses,

[r] The item was reversely coded so that higher score represents higher level of perseverance.

Table S4

Standardized Results of the Partial Metric Invariance Model for the Perseverance Scale for 9 Cultural Regions

Region		1. Give up easily[r]				2. Put off difficult problems[r]				3. Remain interested				4. Continue to perfection				5. Do more than expected				Residual covariance	
	N	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**θ_{12}**	***SE***
North America/Oceania	32,940	0.30	0.01	3.85	0.06	0.26	0.01	3.14	0.04	0.68	0.01	3.59	0.05	0.85	0.01	3.27	0.04	0.69	0.01	3.09	0.03	0.62	0.01
MENA	27,694	0.23	0.01	2.53	0.03	0.22	0.01	2.21	0.02	0.65	0.01	3.63	0.04	0.86	0.01	3.52	0.04	0.69	0.01	3.42	0.04	0.61	0.01
Latin America	58,035	**0.07**	0.01	2.91	0.02	**0.03**	0.01	2.29	0.01	0.65	0.01	3.37	0.02	0.86	0.00	3.18	0.02	0.68	0.00	3.10	0.02	0.48	0.01
Southern Europe	22,790	0.26	0.01	2.89	0.02	0.23	0.01	2.42	0.02	0.64	0.01	3.13	0.02	0.85	0.01	2.98	0.02	0.68	0.01	2.97	0.02	0.57	0.01
Western Europe	76,813	0.28	0.01	3.18	0.02	0.25	0.01	2.67	0.01	0.67	0.00	3.17	0.02	0.84	0.00	2.73	0.01	0.66	0.00	2.44	0.01	0.51	0.01
Former Communist countries	36,904	0.29	0.01	3.39	0.03	0.26	0.01	2.97	0.02	0.61	0.01	2.85	0.03	0.84	0.01	2.96	0.02	0.69	0.01	2.83	0.02	0.53	0.01
The Nordics	18,830	0.28	0.01	2.95	0.02	0.26	0.01	2.83	0.02	0.66	0.01	3.12	0.02	0.86	0.01	2.82	0.02	0.73	0.01	2.77	0.02	0.62	0.01
East Asia	21,555	0.30	0.01	3.31	0.03	0.25	0.01	2.50	0.02	0.63	0.01	3.13	0.02	0.83	0.01	2.81	0.02	0.70	0.01	2.63	0.02	0.54	0.01
Southeast Asia	18,382	***0.04***	0.01	3.01	0.03	**-0.06**	0.01	2.73	0.02	0.62	0.01	3.78	0.04	0.83	0.01	3.69	0.03	0.66	0.01	3.43	0.03	0.54	0.01

Note. N= sample size; λ = factor loading; ν = intercept; θ_{12} = residual variance between Item 1 "Give up easily" and Item 2 "Put off difficult problems"; *SE* = standard error; Give up easily = "When confronted with a problem, I give up easily"; Put off difficult problems = "I put off difficult problems"; Remain interested = "I remain interested in tasks that I start"; Continue to perfection = "I continue working on tasks until everything is perfect"; Do more than expected = "When confronted with a problem, I do more than what is expected of me".

[r] The item was reversely coded so that higher score represents higher level of perseverance.

Factor loadings that were allowed to be freely estimated are marked in bold.

Factor loadings that are not significant at the .01 level are in italic and underscored.

Table S5

Unstandardized Results of the Partial Metric Invariance Model for the Perseverance Scale for 9 Cultural Regions

Region	1. Give up easily[r]					2. Put off difficult problems[r]				3. Remain interested				4. Continue to perfection				5. Do more than expected				Residual covariance	
	N	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**θ_{12}**	***SE***
North America/Oceania	32,940	0.30	0.01	3.83	0.02	0.28	0.01	3.40	0.02	0.68	0.01	3.59	0.02	0.92	0.01	3.57	0.02	0.74	0.01	3.34	0.02	0.61	0.02
MENA	27,694	0.30	0.01	3.40	0.02	0.28	0.01	2.91	0.02	0.68	0.01	3.90	0.01	0.92	0.01	3.88	0.01	0.74	0.01	3.79	0.01	1.02	0.02
Latin America	58,035	**0.08**	0.01	3.54	0.01	**0.03**	0.01	2.93	0.01	0.68	0.01	3.64	0.01	0.92	0.01	3.59	0.01	0.74	0.01	3.58	0.01	0.75	0.01
Southern Europe	22,790	0.30	0.01	3.54	0.01	0.28	0.01	3.10	0.01	0.68	0.01	3.53	0.01	0.92	0.01	3.47	0.01	0.74	0.01	3.46	0.01	0.83	0.01
Western Europe	76,813	0.30	0.01	3.53	0.01	0.28	0.01	3.10	0.01	0.68	0.01	3.38	0.01	0.92	0.01	3.17	0.01	0.74	0.01	2.89	0.01	0.62	0.01
Former Communist countries	36,904	0.30	0.01	3.82	0.01	0.28	0.01	3.47	0.01	0.68	0.01	3.46	0.01	0.92	0.01	3.56	0.01	0.74	0.01	3.35	0.01	0.65	0.02
The Nordics	18,830	0.30	0.01	3.28	0.01	0.28	0.01	3.05	0.01	0.68	0.01	3.27	0.01	0.92	0.01	3.11	0.01	0.74	0.01	2.90	0.01	0.69	0.01
East Asia	21,555	0.30	0.01	3.24	0.01	0.28	0.01	2.72	0.01	0.68	0.01	3.27	0.01	0.92	0.01	3.05	0.01	0.74	0.01	2.73	0.01	0.53	0.01
Southeast Asia	18,382	**0.04**	0.02	3.34	0.01	**-0.08**	0.02	3.12	0.01	0.68	0.01	3.80	0.01	0.92	0.01	3.78	0.01	0.74	0.01	3.60	0.01	0.69	0.02

Note. N= sample size; λ = factor loading; ν = intercept; θ_{12} = residual variance between Item 1 "Give up easily" and Item 2 "Put off difficult problems"; *SE* = standard error; Give up easily = "When confronted with a problem, I give up easily"; Put off difficult problems = "I put off difficult problems"; Remain interested = "I remain interested in tasks that I start"; Continue to perfection = "I continue working on tasks until everything is perfect"; Do more than expected = "When confronted with a problem, I do more than what is expected of me".

[r] The item was reversely coded so that higher score represents higher level of perseverance.

Factor loadings that were allowed to be freely estimated are marked in bold.

All factor loadings are significant at the .01 level.

Table S6

Standardized Results of the Partial Metric Invariance Model for the Perseverance Scale for 62 Countries/Regions

			1. Give up easily[r]				2. Put off difficult problems[r]				3. Remain interested				4. Continue to perfection				5. Do more than expected				Residual covariance	
	Country/ Region	***N***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**θ_{12}**	***SE***
Low loading	ALB	2,616	0.11	0.00	2.65	0.05	0.05	0.00	2.35	0.04	0.63	0.02	3.91	0.08	0.81	0.01	3.71	0.07	0.61	0.01	3.43	0.07	0.55	0.02
	ARE	7,351	0.11	0.00	2.45	0.03	**-0.07**	0.01	2.22	0.02	0.66	0.01	4.09	0.06	0.86	0.01	3.99	0.06	0.65	0.01	3.54	0.04	0.51	0.01
	ARG	3,689	0.13	0.01	2.61	0.04	0.07	0.00	2.13	0.03	0.65	0.01	3.07	0.04	0.83	0.01	2.84	0.04	0.66	0.01	2.87	0.04	0.45	0.02
	BGR	3,372	0.15	0.01	2.82	0.05	0.08	0.01	2.80	0.04	0.73	0.01	3.08	0.05	0.91	0.01	2.86	0.04	**0.60**	0.02	3.08	0.05	0.60	0.02
	BRA	12,174	0.14	0.00	2.79	0.03	0.07	0.00	2.16	0.02	0.67	0.01	3.30	0.04	0.86	0.01	3.20	0.03	0.67	0.01	3.05	0.03	0.46	0.01
	CHL	4,515	0.14	0.01	3.28	0.05	0.06	0.00	2.14	0.02	0.64	0.01	3.75	0.06	0.79	0.01	3.09	0.04	0.67	0.01	3.36	0.05	0.41	0.02
	COL	5,542	***-0.01***	0.02	3.02	0.06	0.06	0.00	2.71	0.04	0.65	0.01	3.58	0.07	0.83	0.01	3.28	0.05	0.65	0.01	***3.20***	0.05	0.56	0.02
	CRI	2,882	0.15	0.01	3.62	0.08	**-0.12**	0.02	2.42	0.04	0.66	0.01	3.49	0.06	0.84	0.01	3.39	0.05	0.68	0.01	3.42	0.06	0.30	0.02
	ESP	16,578	**0.32**	0.02	3.12	0.03	**0.18**	0.02	2.54	0.02	0.69	0.01	3.51	0.04	0.83	0.01	2.99	0.03	0.67	0.01	**2.89**	0.03	0.45	0.01
	GRC	3,354	0.14	0.01	2.75	0.04	0.07	0.00	2.32	0.03	0.62	0.01	2.89	0.04	0.79	0.01	2.79	0.04	0.63	0.01	2.69	0.03	0.57	0.02
	HKG	3,064	0.18	0.01	4.39	0.08	0.08	0.01	3.36	0.05	**0.60**	0.02	3.93	0.06	0.89	0.01	3.53	0.05	0.70	0.01	3.11	0.04	0.52	0.02
	HUN	3,170	0.14	0.01	3.27	0.06	0.07	0.01	2.88	0.04	**0.51**	0.02	3.19	0.05	0.83	0.01	3.00	0.05	0.68	0.01	2.89	0.04	0.49	0.02
	IDN	3,665	0.13	0.00	2.76	0.04	0.06	0.00	2.58	0.03	0.63	0.01	3.64	0.05	0.83	0.01	3.65	0.05	0.67	0.01	3.59	0.05	0.56	0.01
	JOR	4,524	0.12	0.00	2.04	0.02	**-0.17**	0.02	2.10	0.02	0.73	0.01	3.97	0.07	0.90	0.01	3.69	0.07	0.70	0.01	3.36	0.05	0.52	0.01
	JPN	4,157	**0.31**	0.02	3.08	0.04	0.07	0.01	2.33	0.02	0.66	0.01	2.92	0.03	0.85	0.01	2.63	0.03	**0.62**	0.02	**2.58**	0.03	0.52	0.01

Table S6 (continued).

			1. Give up easily[r]				2. Put off difficult problems[r]				3. Remain interested				4. Continue to perfection				5. Do more than expected				Residual covariance	
	Country/ Region	*N*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	θ_{12}	*SE*
	KAZ	3,844	0.13	0.01	3.30	0.06	0.07	0.00	3.11	0.05	0.65	0.01	4.04	0.08	0.86	0.01	3.86	0.07	0.61	0.01	3.07	0.05	0.51	0.02
	KOR	3,354	0.15	0.01	3.59	0.05	0.07	0.01	2.76	0.03	0.60	0.01	3.79	0.05	0.80	0.01	3.39	0.04	0.66	0.01	3.12	0.04	0.55	0.02
	LTU	3,029	0.14	0.01	3.57	0.06	0.07	0.01	3.15	0.04	0.62	0.01	3.34	0.05	0.81	0.01	3.13	0.04	0.66	0.01	3.07	0.04	0.55	0.02
	LUX	3,406	0.16	0.01	3.29	0.05	0.07	0.01	2.66	0.03	0.67	0.01	2.96	0.04	0.86	0.01	2.72	0.03	0.68	0.01	2.37	0.03	0.51	0.02
	MAC	3,539	0.16	0.01	3.79	0.06	0.08	0.01	3.32	0.04	**0.55**	0.02	3.87	0.05	0.84	0.01	3.52	0.04	0.67	0.01	3.40	0.04	0.55	0.02
	MEX	22,180	**0.09**	0.01	3.14	0.03	0.07	0.00	2.44	0.02	0.68	0.01	3.31	0.03	0.87	0.01	3.22	0.03	0.70	0.01	**3.18**	0.02	0.52	0.01
	MNE	3,035	0.13	0.00	2.48	0.04	0.07	0.00	2.35	0.03	0.69	0.01	3.15	0.05	0.86	0.01	2.84	0.04	0.69	0.01	2.94	0.05	0.53	0.02
	MYS	3,359	0.12	0.00	2.71	0.04	0.06	0.00	2.67	0.03	0.61	0.01	3.74	0.06	0.81	0.01	3.70	0.05	0.63	0.01	3.42	0.05	0.53	0.02
Low	NLD	2,861	0.14	0.01	3.51	0.06	0.07	0.01	3.03	0.05	0.66	0.01	2.99	0.04	0.80	0.01	2.86	0.04	0.69	0.01	2.92	0.04	0.49	0.02
loading	PER	3,666	0.12	0.00	2.87	0.04	0.06	0.00	2.64	0.03	0.65	0.01	3.89	0.06	0.82	0.01	3.64	0.05	0.63	0.01	3.46	0.05	0.48	0.02
	QAT	6,670	0.13	0.00	2.24	0.02	**-0.12**	0.01	2.30	0.02	0.76	0.01	3.75	0.04	**0.85**	0.01	3.56	0.04	0.73	0.01	3.21	0.03	0.58	0.01
	QCN	3,432	0.14	0.01	3.78	0.06	0.06	0.00	3.00	0.04	0.54	0.01	3.88	0.06	0.69	0.01	3.35	0.04	0.56	0.01	3.06	0.04	0.53	0.02
	ROU	3,351	***0.01***	0.02	2.52	0.03	0.07	0.00	2.45	0.03	0.67	0.01	3.09	0.04	0.87	0.01	2.82	0.04	0.68	0.01	***2.67***	0.04	0.64	0.01
	SGP	3,691	0.15	0.01	3.94	0.06	0.07	0.01	3.39	0.05	0.66	0.01	4.02	0.05	0.83	0.01	3.86	0.05	0.67	0.01	3.54	0.04	0.54	0.02
	SRB	3,023	0.15	0.01	3.08	0.05	0.07	0.01	2.81	0.04	0.61	0.01	2.57	0.04	0.84	0.01	2.65	0.04	0.67	0.01	2.77	0.04	0.62	0.02
	SVN	3,738	0.14	0.01	3.01	0.05	**0.22**	0.02	2.65	0.04	0.59	0.01	3.24	0.06	0.81	0.01	3.11	0.04	0.67	0.01	3.06	0.04	0.55	0.02
	THA	4,401	0.13	0.00	3.18	0.04	**-0.21**	0.02	2.65	0.03	0.68	0.01	4.21	0.06	0.86	0.01	4.12	0.06	0.67	0.01	3.75	0.05	0.38	0.02

Table S6 (continued).

			1. Give up easily[r]				2. Put off difficult problems[r]				3. Remain interested				4. Continue to perfection				5. Do more than expected				Residual covariance	
	Country/ Region	*N*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	θ_{12}	*SE*
Low loading	TUN	2,785	0.13	0.01	2.33	0.03	0.07	0.00	1.99	0.02	0.58	0.01	2.71	0.05	0.86	0.01	3.10	0.05	0.65	0.01	2.69	0.04	0.49	0.02
	TUR	3,198	0.12	0.00	2.68	0.04	0.06	0.00	2.33	0.03	0.67	0.01	3.82	0.06	0.86	0.01	3.61	0.06	0.70	0.01	3.63	0.06	0.64	0.01
	URY	3,387	0.14	0.01	2.97	0.05	0.07	0.00	2.56	0.03	0.70	0.01	3.49	0.05	0.84	0.01	3.00	0.04	0.66	0.01	2.89	0.04	0.47	0.02
	VNM	3,266	0.15	0.01	3.96	0.07	0.07	0.01	3.90	0.06	0.62	0.01	3.99	0.07	0.79	0.01	3.55	0.05	0.63	0.01	3.07	0.04	0.60	0.02
High loading	USA	6,642	0.33	0.01	3.82	0.07	0.31	0.01	3.11	0.05	0.67	0.01	3.64	0.05	0.84	0.01	3.30	0.05	0.70	0.01	3.12	0.04	0.61	0.02
	AUS	9,442	0.33	0.01	3.70	0.04	0.33	0.01	3.25	0.03	0.68	0.01	3.59	0.03	0.84	0.01	3.17	0.03	0.72	0.01	2.99	0.02	0.66	0.01
	AUT	3,126	0.32	0.01	3.60	0.06	0.29	0.01	2.64	0.04	0.64	0.01	3.41	0.05	0.81	0.01	3.00	0.04	0.65	0.01	2.26	0.03	0.45	0.02
	BEL	5,437	0.32	0.01	3.00	0.04	0.30	0.01	2.39	0.02	0.65	0.01	2.82	0.03	0.83	0.01	2.57	0.02	0.68	0.01	2.23	0.02	0.50	0.01
	CAN	14,089	0.35	0.01	3.90	0.04	0.31	0.01	3.01	0.03	0.66	0.01	3.45	0.03	0.85	0.01	3.23	0.03	0.70	0.01	2.93	0.03	0.56	0.01
	CHE	7,391	0.32	0.01	3.53	0.05	0.29	0.01	2.60	0.03	0.63	0.01	3.30	0.04	0.81	0.01	2.85	0.03	0.67	0.01	2.41	0.02	0.43	0.02
	CZE	3,462	0.30	0.01	3.43	0.07	0.29	0.01	2.85	0.04	0.60	0.01	3.07	0.04	0.77	0.01	2.65	0.04	0.68	0.01	2.95	0.04	0.49	0.02
	DEU	2,805	0.34	0.01	3.92	0.07	0.29	0.01	2.78	0.04	0.65	0.01	3.66	0.06	0.81	0.01	3.05	0.04	0.65	0.01	2.40	0.03	0.42	0.02
	DNK	4,803	0.32	0.01	3.46	0.06	0.34	0.01	3.07	0.04	0.67	0.01	3.48	0.05	0.83	0.01	2.93	0.04	0.73	0.01	2.89	0.03	0.53	0.02
	EST	3,146	0.33	0.01	3.99	0.08	0.30	0.01	3.32	0.06	0.62	0.01	3.76	0.06	0.78	0.01	3.29	0.05	0.66	0.01	3.12	0.04	0.55	0.02
	FIN	5,730	0.34	0.01	3.75	0.05	0.34	0.01	3.44	0.05	0.68	0.01	3.57	0.04	0.83	0.01	3.06	0.03	0.73	0.01	2.95	0.03	0.54	0.02

Table S6 (continued).

			1. Give up easily[r]				2. Put off difficult problems[r]				3. Remain interested				4. Continue to perfection				5. Do more than expected				Residual covariance	
	Country/ Region	***N***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**θ_{12}**	***SE***
High loading	EST	3,146	0.33	0.01	3.99	0.08	0.30	0.01	3.32	0.06	0.62	0.01	3.76	0.06	0.78	0.01	3.29	0.05	0.66	0.01	3.12	0.04	0.55	0.02
	FIN	5,730	0.34	0.01	3.75	0.05	0.34	0.01	3.44	0.05	0.68	0.01	3.57	0.04	0.83	0.01	3.06	0.03	0.73	0.01	2.95	0.03	0.54	0.02
	HRV	3,305	0.32	0.01	3.31	0.05	0.32	0.01	2.96	0.04	0.67	0.01	3.24	0.04	0.85	0.01	2.80	0.04	0.70	0.01	2.82	0.04	0.57	0.02
	IRL	3,300	0.34	0.01	3.59	0.06	0.33	0.01	3.13	0.05	0.67	0.01	3.52	0.05	0.83	0.01	3.08	0.04	0.69	0.01	2.75	0.03	0.62	0.02
	ISL	2,209	0.30	0.01	3.01	0.06	0.31	0.01	2.70	0.05	0.59	0.01	2.63	0.04	0.86	0.01	3.08	0.05	0.72	0.01	2.71	0.04	0.61	0.02
	ISR	3,166	0.31	0.01	3.01	0.05	0.31	0.01	2.53	0.03	0.65	0.01	3.03	0.04	0.88	0.01	3.20	0.05	0.71	0.01	2.90	0.04	0.52	0.02
	ITA	20,458	0.29	0.01	2.71	0.02	0.30	0.01	2.82	0.02	0.70	0.01	3.36	0.02	0.83	0.01	2.58	0.02	0.69	0.01	2.81	0.02	0.56	0.01
	LVA	2,869	0.30	0.01	3.71	0.08	0.30	0.01	3.44	0.06	0.62	0.01	3.57	0.06	0.80	0.01	3.04	0.05	0.64	0.01	2.96	0.04	0.52	0.02
	NOR	3,035	0.32	0.01	2.62	0.04	0.32	0.01	2.38	0.03	0.69	0.01	3.10	0.04	0.87	0.01	2.65	0.03	0.74	0.01	2.49	0.03	0.63	0.02
	NZL	2,767	0.33	0.01	3.53	0.06	0.32	0.01	3.07	0.05	0.68	0.01	3.48	0.05	0.83	0.01	3.01	0.04	0.72	0.01	2.89	0.04	0.65	0.02
	POL	3,060	0.34	0.01	3.70	0.07	0.32	0.01	2.94	0.04	0.66	0.01	2.94	0.04	0.82	0.01	2.50	0.03	0.67	0.01	2.44	0.03	0.40	0.02
	PRT	3,719	0.29	0.01	3.12	0.05	0.28	0.01	2.38	0.03	0.68	0.01	3.87	0.05	0.88	0.01	3.63	0.05	0.72	0.01	3.57	0.05	0.51	0.02
	SVK	3,021	0.29	0.01	2.48	0.04	0.30	0.01	2.11	0.03	0.58	0.01	2.60	0.04	0.81	0.01	2.40	0.03	0.69	0.01	2.10	0.03	0.55	0.02
	SWE	3,053	0.30	0.01	2.60	0.04	0.31	0.01	2.70	0.04	0.63	0.01	2.79	0.04	0.87	0.01	2.73	0.03	0.76	0.01	2.77	0.03	0.70	0.01
	TAP	4,009	0.34	0.01	3.81	0.06	0.32	0.01	3.26	0.05	0.62	0.01	3.02	0.03	0.81	0.01	2.76	0.03	0.68	0.01	2.81	0.03	0.60	0.02

Note. N = sample size; λ = factor loading; ν = intercept; θ_{12} = residual variance between Item 1 "Give up easily" and Item 2 "Put off difficult problems"; *SE* = standard error; Give up easily = "When confronted with a problem, I give up easily"; Put off difficult problems = "I put off difficult problems"; Remain interested = "I remain interested in tasks that I start"; Continue to

perfection = “I continue working on tasks until everything is perfect”; Do more than expected = “When confronted with a problem, I do more than what is expected of me”; Low loading = countries/regions with low (i.e., $\lambda < .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; High loading = countries/regions with higher (i.e., $\lambda \geq .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; USA = United States of America; ALB = Albania; ARE = United Arab Emirates; ARG = Argentina; AUS = Australia; AUT = Austria; BEL = Belgium; BGR = Bulgaria; BRA = Brazil; CAN = Canada; CHE = Switzerland; CHL = Chile; COL = Colombia; CRI = Costa Rica; CZE = Czech Republic; DEU = Germany; DNK = Denmark; ESP = Spain; EST = Estonia; FIN = Finland; FRA = France; GBR = United Kingdom; GRC = Greece; HKG = Hong Kong-China; HRV = Croatia; HUN = Hungary; IDN = Indonesia; IRL = Ireland; ISL = Iceland; ISR = Israel; ITA = Italy; JOR = Jordan; JPN = Japan; KAZ = Kazakhstan; KOR = Korea; LTU = Lithuania; LUX = Luxembourg; LVA = Latvia; MAC = Macao-China; MEX = Mexico; MNE = Montenegro; MYS = Malaysia; NLD = Netherlands; NOR = Norway; NZL = New Zealand; PER = Peru; POL = Poland; PRT = Portugal; QAT = Qatar; QCN = Shanghai-China; ROU = Romania; SGP = Singapore; SRB = Serbia; SVK = Slovak Republic; SVN = Slovenia; SWE = Sweden; TAP = Chinese Taipei; THA = Thailand; TUN = Tunisia; TUR = Turkey; URY = Uruguay; VNM = Vietnam.

[r] The item was reversely coded so that higher score represents higher level of perseverance.

Factor loadings that were allowed to be freely estimated are marked in bold.

Factor loadings that are not significant at the .01 level are in italic and underscored.

Table S7

Unstandardized Results of the Partial Metric Invariance Model for the Perseverance Scale Across 62 Countries/Regions

			1. Give up easily[r]				2. Put off difficult problems[r]				3. Remain interested				4. Continue to perfection				5. Do more than expected				Residual covariance	
	Country/ Region	***N***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**θ_{12}**	***SE***
Low loading	ALB	2,616	0.15	0.01	3.68	0.03	0.07	0.01	3.30	0.03	0.65	0.02	4.03	0.02	0.86	0.02	3.96	0.02	0.69	0.02	3.87	0.02	1.06	0.04
	ARE	7,351	0.15	0.01	3.29	0.02	**-0.08**	0.02	2.79	0.02	0.65	0.02	4.09	0.01	0.86	0.02	4.09	0.01	0.69	0.02	3.85	0.02	0.85	0.02
	ARG	3,689	0.15	0.01	3.41	0.03	0.07	0.01	2.70	0.03	0.65	0.02	3.51	0.02	0.86	0.02	3.39	0.02	0.69	0.02	3.46	0.02	0.74	0.03
	BGR	3,372	0.15	0.01	3.79	0.02	0.07	0.01	3.62	0.02	0.65	0.02	3.66	0.02	0.86	0.02	3.61	0.02	**0.54**	0.02	3.71	0.02	1.03	0.04
	BRA	12,174	0.15	0.01	3.44	0.02	0.07	0.01	2.76	0.02	0.65	0.02	3.61	0.01	0.86	0.02	3.58	0.02	0.69	0.02	3.56	0.02	0.72	0.02
	CHL	4,515	0.15	0.01	3.72	0.02	0.07	0.01	2.76	0.02	0.65	0.02	3.93	0.02	0.86	0.02	3.50	0.02	0.69	0.02	3.60	0.02	0.59	0.03
	COL	5,542	***-0.01***	0.02	3.70	0.02	0.07	0.01	3.42	0.03	0.65	0.02	3.76	0.02	0.86	0.02	3.60	0.02	0.69	0.02	3.57	0.02	0.86	0.04
	CRI	2,882	0.15	0.01	3.89	0.02	**-0.14**	0.03	3.09	0.03	0.65	0.02	3.72	0.02	0.86	0.02	3.79	0.02	0.69	0.02	3.80	0.02	0.40	0.03
	ESP	16,578	**0.33**	0.02	3.55	0.02	**0.20**	0.02	3.01	0.02	0.65	0.02	3.59	0.01	0.86	0.02	3.36	0.02	0.69	0.02	3.26	0.02	0.56	0.02
	GRC	3,354	0.15	0.01	3.28	0.02	0.07	0.01	2.80	0.02	0.65	0.02	3.32	0.02	0.86	0.02	3.34	0.02	0.69	0.02	3.24	0.02	0.82	0.03
	HKG	3,064	0.15	0.01	3.65	0.02	0.07	0.01	3.18	0.02	**0.52**	0.02	3.52	0.02	0.86	0.02	3.48	0.02	0.69	0.02	3.17	0.02	0.40	0.02
	HUN	3,170	0.15	0.01	3.58	0.02	0.07	0.01	3.13	0.02	**0.50**	0.03	3.26	0.02	0.86	0.02	3.28	0.02	0.69	0.02	3.10	0.02	0.57	0.03
	IDN	3,665	0.15	0.01	3.23	0.02	0.07	0.01	3.00	0.02	0.65	0.02	3.76	0.02	0.86	0.02	3.79	0.02	0.69	0.02	3.72	0.02	0.75	0.03
	JOR	4,524	0.15	0.01	2.98	0.03	**-0.18**	0.02	2.59	0.02	0.65	0.02	4.14	0.02	0.86	0.02	4.12	0.02	0.69	0.02	3.93	0.02	0.92	0.03
	JPN	4,157	**0.29**	0.02	3.08	0.02	0.07	0.01	2.48	0.02	0.65	0.02	2.99	0.02	0.86	0.02	2.82	0.02	**0.56**	0.02	2.45	0.02	0.52	0.02

Table S7 (continued).

			1. Give up easily[r]				2. Put off difficult problems[r]				3. Remain interested				4. Continue to perfection				5. Do more than expected				Residual covariance	
	Country/ Region	*N*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	θ_{12}	*SE*
	KAZ	3,844	0.15	0.01	3.84	0.02	0.07	0.01	3.63	0.02	0.65	0.02	4.16	0.02	0.86	0.02	3.98	0.02	0.69	0.02	3.59	0.02	0.69	0.03
	KOR	3,354	0.15	0.01	3.28	0.02	0.07	0.01	2.73	0.02	0.65	0.02	3.72	0.02	0.86	0.02	3.35	0.02	0.69	0.02	2.99	0.02	0.49	0.02
	LTU	3,029	0.15	0.01	3.69	0.02	0.07	0.01	3.33	0.02	0.65	0.02	3.49	0.02	0.86	0.02	3.34	0.02	0.69	0.02	3.24	0.02	0.59	0.02
	LUX	3,406	0.15	0.01	3.63	0.02	0.07	0.01	3.13	0.02	0.65	0.02	3.31	0.02	0.86	0.02	3.19	0.02	0.69	0.02	2.81	0.02	0.65	0.03
	MAC	3,539	0.15	0.01	3.44	0.02	0.07	0.01	3.15	0.02	**0.51**	0.02	3.52	0.02	0.86	0.02	3.57	0.02	0.69	0.02	3.45	0.02	0.47	0.02
	MEX	22,180	**0.09**	0.01	3.64	0.01	0.07	0.01	3.09	0.01	0.65	0.02	3.61	0.01	0.86	0.02	3.64	0.01	0.69	0.02	3.62	0.01	0.75	0.02
	MNE	3,035	0.15	0.01	3.54	0.03	0.07	0.01	3.26	0.03	0.65	0.02	3.66	0.02	0.86	0.02	3.54	0.03	0.69	0.02	3.65	0.02	1.03	0.04
Low loading	MYS	3,359	0.15	0.01	3.17	0.02	0.07	0.01	3.08	0.02	0.65	0.02	3.79	0.02	0.86	0.02	3.76	0.02	0.69	0.02	3.58	0.02	0.71	0.03
	NLD	2,861	0.15	0.01	3.64	0.02	0.07	0.01	3.19	0.02	0.65	0.02	2.95	0.02	0.86	0.02	3.10	0.02	0.69	0.02	2.96	0.02	0.53	0.03
	PER	3,666	0.15	0.01	3.55	0.02	0.07	0.01	3.10	0.02	0.65	0.02	3.78	0.02	0.86	0.02	3.77	0.02	0.69	0.02	3.73	0.02	0.68	0.03
	QAT	6,670	0.15	0.01	3.10	0.02	**-0.12**	0.01	2.78	0.02	0.65	0.02	3.89	0.01	**0.77**	0.02	3.91	0.01	0.69	0.02	3.76	0.01	0.96	0.02
	QCN	3,432	0.15	0.01	3.51	0.02	0.07	0.01	3.17	0.02	0.65	0.02	4.00	0.02	0.86	0.02	3.58	0.02	0.69	0.02	3.25	0.02	0.51	0.02
	ROU	3,351	***0.01***	0.02	3.24	0.02	0.07	0.01	3.10	0.02	0.65	0.02	3.55	0.02	0.86	0.02	3.36	0.02	0.69	0.02	3.27	0.02	1.05	0.03
	SGP	3,691	0.15	0.01	3.64	0.02	0.07	0.01	3.32	0.02	0.65	0.02	3.63	0.02	0.86	0.02	3.71	0.02	0.69	0.02	3.42	0.02	0.48	0.02
	SRB	3,023	0.15	0.01	3.72	0.02	0.07	0.01	3.47	0.02	0.65	0.02	3.25	0.02	0.86	0.02	3.25	0.02	0.69	0.02	3.38	0.02	0.92	0.03
	SVN	3,738	0.15	0.01	3.32	0.02	**0.25**	0.03	3.15	0.03	0.65	0.02	3.66	0.02	0.86	0.02	3.39	0.02	0.69	0.02	3.25	0.02	0.69	0.03

Table S7 (continued).

			1. Give up easily[r]				2. Put off difficult problems[r]				3. Remain interested				4. Continue to perfection				5. Do more than expected				Residual covariance	
	Country/ Region	*N*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	λ	*SE*	ν	*SE*	θ_{12}	*SE*
Low loading	THA	4,401	0.15	0.01	3.44	0.02	**-0.23**	0.02	2.78	0.02	0.65	0.02	3.75	0.02	0.86	0.02	3.86	0.02	0.69	0.02	3.62	0.02	0.42	0.02
	TUN	2,785	0.15	0.01	3.20	0.03	0.07	0.01	2.71	0.03	0.65	0.02	3.64	0.03	0.86	0.02	3.77	0.02	0.69	0.02	3.49	0.03	0.91	0.04
	TUR	3,198	0.15	0.01	3.45	0.02	0.07	0.01	2.95	0.02	0.65	0.02	3.94	0.02	0.86	0.02	3.86	0.02	0.69	0.02	3.85	0.02	1.03	0.03
	URY	3,387	0.15	0.01	3.64	0.02	0.07	0.01	3.15	0.02	0.65	0.02	3.68	0.02	0.86	0.02	3.51	0.02	0.69	0.02	3.44	0.02	0.70	0.03
	VNM	3,266	0.15	0.01	3.66	0.02	0.07	0.01	3.73	0.02	0.65	0.02	3.96	0.02	0.86	0.02	3.71	0.02	0.69	0.02	3.26	0.02	0.53	0.02
High loading	USA	6,642	0.34	0.01	3.85	0.02	0.34	0.01	3.42	0.02	0.66	0.01	3.61	0.02	0.91	0.01	3.60	0.02	0.75	0.01	3.37	0.02	0.61	0.03
	AUS	9,442	0.34	0.01	3.65	0.01	0.34	0.01	3.31	0.01	0.66	0.01	3.43	0.01	0.91	0.01	3.38	0.01	0.75	0.01	3.05	0.01	0.59	0.02
	AUT	3,126	0.34	0.01	3.75	0.02	0.34	0.01	3.06	0.02	0.66	0.01	3.50	0.02	0.91	0.01	3.37	0.02	0.75	0.01	2.62	0.02	0.49	0.03
	BEL	5,437	0.34	0.01	3.39	0.02	0.34	0.01	2.86	0.02	0.66	0.01	3.06	0.02	0.91	0.01	2.98	0.02	0.75	0.01	2.64	0.02	0.61	0.02
	CAN	14,089	0.34	0.01	3.79	0.01	0.34	0.01	3.30	0.01	0.66	0.01	3.49	0.01	0.91	0.01	3.51	0.01	0.75	0.01	3.21	0.01	0.53	0.02
	CHE	7,391	0.34	0.01	3.62	0.02	0.34	0.01	3.00	0.02	0.66	0.01	3.40	0.02	0.91	0.01	3.14	0.02	0.75	0.01	2.64	0.02	0.46	0.02
	CZE	3,462	0.34	0.01	3.62	0.02	0.34	0.01	3.14	0.02	0.66	0.01	3.16	0.02	0.91	0.01	2.93	0.02	0.75	0.01	3.06	0.02	0.52	0.03
	DEU	2,805	0.34	0.01	3.77	0.02	0.34	0.01	3.08	0.02	0.66	0.01	3.58	0.02	0.91	0.01	3.29	0.02	0.75	0.01	2.67	0.02	0.40	0.02
	DNK	4,803	0.34	0.01	3.53	0.02	0.34	0.01	3.02	0.02	0.66	0.01	3.37	0.02	0.91	0.01	3.16	0.02	0.75	0.01	2.92	0.02	0.47	0.02
	EST	3,146	0.34	0.01	3.79	0.02	0.34	0.01	3.45	0.02	0.66	0.01	3.69	0.02	0.91	0.01	3.52	0.02	0.75	0.01	3.27	0.02	0.49	0.03
	FIN	5,730	0.34	0.01	3.57	0.02	0.34	0.01	3.31	0.02	0.66	0.01	3.38	0.02	0.91	0.01	3.21	0.02	0.75	0.01	2.95	0.02	0.44	0.02

Table S7 (continued).

			1. Give up easily[r]				2. Put off difficult problems[r]				3. Remain interested				4. Continue to perfection				5. Do more than expected				Residual covariance	
	Country/ Region	***N***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**λ**	***SE***	**ν**	***SE***	**θ_{12}**	***SE***
High loading	FRA	2,957	0.34	0.01	3.31	0.02	0.34	0.01	2.80	0.02	0.66	0.01	3.10	0.02	0.91	0.01	2.82	0.02	0.75	0.01	2.41	0.02	0.72	0.03
	GBR	8,299	0.34	0.01	3.57	0.02	0.34	0.01	3.26	0.02	0.66	0.01	3.47	0.02	0.91	0.01	3.38	0.02	0.75	0.01	3.14	0.02	0.67	0.02
	HRV	3,305	0.34	0.01	3.64	0.02	0.34	0.01	3.33	0.02	0.66	0.01	3.36	0.02	0.91	0.01	3.15	0.02	0.75	0.01	3.20	0.02	0.63	0.03
	IRL	3,300	0.34	0.01	3.63	0.02	0.34	0.01	3.30	0.02	0.66	0.01	3.54	0.02	0.91	0.01	3.42	0.02	0.75	0.01	3.08	0.02	0.59	0.02
	ISL	2,209	0.34	0.01	3.49	0.03	0.34	0.01	3.11	0.02	0.66	0.01	3.06	0.02	0.91	0.01	3.38	0.02	0.75	0.01	2.91	0.02	0.74	0.04
	ISR	3,166	0.34	0.01	3.68	0.02	0.34	0.01	3.18	0.02	0.66	0.01	3.53	0.02	0.91	0.01	3.75	0.02	0.75	0.01	3.49	0.02	0.72	0.03
	ITA	20,458	0.34	0.01	3.36	0.01	0.34	0.01	3.40	0.01	0.66	0.01	3.43	0.01	0.91	0.01	3.04	0.01	0.75	0.01	3.30	0.01	0.77	0.02
	LVA	2,869	0.34	0.01	3.74	0.02	0.34	0.01	3.52	0.02	0.66	0.01	3.50	0.02	0.91	0.01	3.14	0.02	0.75	0.01	3.17	0.02	0.49	0.03
	NOR	3,035	0.34	0.01	3.04	0.02	0.34	0.01	2.76	0.02	0.66	0.01	3.28	0.02	0.91	0.01	3.05	0.02	0.75	0.01	2.80	0.02	0.75	0.03
	NZL	2,767	0.34	0.01	3.59	0.02	0.34	0.01	3.24	0.02	0.66	0.01	3.35	0.02	0.91	0.01	3.25	0.02	0.75	0.01	2.97	0.02	0.62	0.03
	POL	3,060	0.34	0.01	3.94	0.02	0.34	0.01	3.33	0.02	0.66	0.01	3.20	0.02	0.91	0.01	2.99	0.02	0.75	0.01	2.97	0.02	0.43	0.03
	PRT	3,719	0.34	0.01	3.62	0.02	0.34	0.01	2.93	0.02	0.66	0.01	3.79	0.02	0.91	0.01	3.74	0.02	0.75	0.01	3.71	0.02	0.67	0.03
	SVK	3,021	0.34	0.01	3.07	0.02	0.34	0.01	2.59	0.02	0.66	0.01	3.23	0.02	0.91	0.01	2.93	0.02	0.75	0.01	2.49	0.02	0.77	0.03
	SWE	3,053	0.34	0.01	3.09	0.02	0.34	0.01	3.09	0.02	0.66	0.01	3.14	0.02	0.91	0.01	3.05	0.02	0.75	0.01	2.92	0.02	0.86	0.03
	TAP	4,009	0.34	0.01	3.60	0.02	0.34	0.01	3.34	0.02	0.66	0.01	3.11	0.02	0.91	0.01	3.01	0.02	0.75	0.01	2.99	0.02	0.52	0.02

Note. N = sample size; λ = factor loading; ν = intercept; θ_{12} = residual variance between Item 1 "Give up easily" and Item 2 "Put off difficult problems"; *SE* = standard error; Give up easily = "When confronted with a problem, I give up easily"; Put off difficult problems = "I put off difficult problems"; Remain interested = "I remain interested in tasks that I start"; Continue to perfection = "I continue working on tasks until everything is perfect"; Do more than expected = "When confronted with a problem, I do more than what is expected of me"; Low loading = countries/regions with low (i.e., $\lambda < .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; High loading = countries/regions with higher (i.e., $\lambda \geq .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; USA = United States of America; ALB = Albania; ARE = United Arab Emirates; ARG = Argentina; AUS = Australia; AUT = Austria; BEL = Belgium; BGR = Bulgaria; BRA = Brazil; CAN = Canada; CHE = Switzerland; CHL = Chile; COL = Colombia; CRI = Costa Rica; CZE = Czech Republic; DEU = Germany; DNK = Denmark; ESP = Spain; EST = Estonia; FIN = Finland; FRA = France; GBR = United Kingdom; GRC = Greece; HKG = Hong Kong-China; HRV = Croatia; HUN = Hungary; IDN = Indonesia; IRL = Ireland; ISL = Iceland; ISR = Israel; ITA = Italy; JOR = Jordan; JPN = Japan; KAZ = Kazakhstan; KOR = Korea; LTU = Lithuania; LUX = Luxembourg; LVA = Latvia; MAC = Macao-China; MEX = Mexico; MNE = Montenegro; MYS = Malaysia; NLD = Netherlands; NOR = Norway; NZL = New Zealand; PER = Peru; POL = Poland; PRT = Portugal; QAT = Qatar; QCN = Shanghai-China; ROU = Romania; SGP = Singapore; SRB = Serbia; SVK = Slovak Republic; SVN = Slovenia; SWE = Sweden; TAP = Chinese Taipei; THA = Thailand; TUN = Tunisia; TUR = Turkey; URY = Uruguay; VNM = Vietnam.

[r] The item was reversely coded so that higher score represents higher level of perseverance.

Factor loadings that were allowed to be freely estimated are marked in bold.

Factor loadings that are not significant at the .01 level are in italic and underscored.

Table S8

Correlations between Perseverance With Math Achievement and Truancy Within and Across 62 Countries/Regions (Ordered by Effect Size)

	Math[1]					Truancy[2]			
	N	M_p	M_m	$r_{p,m}$**[99%CI]**		***N***	M_p	M_t	$r_{p,t}$**[99%CI]**
ALB	2,545	18.85	394.84	.00[-.05,.06]	AUS	9,211	16.67	1.38	**-.22[-.24,-.19]**
ISR	3,112	17.67	471.98	.02[-.03,.07]	ISL	2,176	15.95	1.21	**-.21[-.26,-.16]**
EST	3,133	17.70	522.46	**.06[.00,.11]**	DNK	4,625	16.20	1.32	**-.20[-.24,-.17]**
NLD	2,827	15.84	527.79	**.07[.01,.12]**	SWE	2,948	15.31	1.40	**-.20[-.24,-.15]**
HRV	3,282	16.65	471.90	**.08[.04,.13]**	NOR	2,959	14.91	1.21	**-.19[-.24,-.15]**
VNM	3,236	18.32	511.86	**.11[.05,.17]**	QAT	6,408	17.46	1.35	**-.19[-.22,-.16]**
SVN	3,700	16.67	504.65	**.11[.05,.17]**	NZL	2,693	16.38	1.34	**-.19[-.24,-.14]**
COL	5,403	18.09	383.84	**.11[.06,.17]**	ALB	2,511	18.85	1.29	**-.19[-.24,-.14]**
IDN	3,597	17.53	376.71	**.12[.05,.19]**	URY	3,196	17.44	1.50	**-.18[-.22,-.13]**
CRI	2,843	18.31	408.69	**.13[.06,.19]**	GRC	3,285	15.99	1.57	**-.17[-.22,-.13]**
SGP	3,670	17.71	573.12	**.13[.08,.18]**	CAN	13,612	17.17	1.37	**-.17[-.19,-.15]**
CZE	3,432	16.04	504.50	**.14[.09,.19]**	USA	6,489	17.87	1.27	**-.17[-.20,-.14]**
SRB	2,952	17.07	452.64	**.14[.09,.20]**	KAZ	3,797	19.26	1.27	**-.17[-.21,-.13]**
CHE	7,290	15.63	532.76	**.14[.10,.19]**	FIN	5,563	16.35	1.34	**-.17[-.20,-.13]**
QCN	3,423	17.54	613.31	**.15[.10,.19]**	ISR	3,092	17.67	1.52	**-.16[-.21,-.12]**
ROU	3,295	16.52	447.17	**.16[.11,.20]**	TUN	2,656	16.82	1.43	**-.16[-.21,-.11]**
BRA	11,657	16.99	393.79	**.16[.12,.19]**	GBR	8,134	16.75	1.29	**-.16[-.19,-.13]**
PER	3,540	17.92	377.54	**.16[.11,.20]**	JOR	4,188	17.74	1.48	**-.16[-.20,-.12]**
BEL	5,353	15.02	521.64	**.16[.11,.20]**	CHE	7,215	15.63	1.17	**-.16[-.19,-.13]**

Table S8 (continued).

	Math[1]					Truancy[2]			
	N	M_p	M_m	$r_{p,m}$[99%CI]		*N*	M_p	M_t	$r_{p,t}$[99%CI]
ARG	3,555	16.59	394.21	**.16[.11,.20]**	MEX	21,747	17.67	1.32	**-.16[-.17,-.14]**
AUT	3,044	16.31	510.35	**.16[.11,.21]**	ARE	7,171	18.04	1.41	**-.15[-.18,-.12]**
HUN	3,140	16.41	479.72	**.16[.11,.22]**	PER	3,525	17.92	1.35	**-.15[-.20,-.11]**
ITA	20,196	16.51	486.95	**.17[.14,.19]**	SRB	2,930	17.07	1.36	**-.15[-.20,-.11]**
CHL	4,396	17.55	424.66	**.17[.12,.22]**	PRT	3,680	17.71	1.47	**-.15[-.19,-.11]**
KAZ	3,803	19.26	432.07	**.17[.11,.23]**	LUX	3,308	16.07	1.19	**-.15[-.19,-.10]**
LTU	2,992	17.09	480.96	**.18[.13,.22]**	THA	4,356	17.55	1.33	**-.15[-.18,-.11]**
MYS	3,323	17.38	422.32	**.18[.13,.22]**	FRA	2,896	14.47	1.25	**-.14[-.19,-.09]**
HKG	3,045	16.98	562.48	**.18[.13,.23]**	POL	3,023	16.42	1.36	**-.14[-.18,-.09]**
URY	3,242	17.44	418.21	**.18[.14,.22]**	TAP	3,986	16.06	1.17	**-.14[-.18,-.10]**
TUR	3,152	18.09	448.91	**.18[.13,.24]**	MNE	2,946	17.64	1.42	**-.14[-.18,-.09]**
LUX	3,330	16.07	494.01	**.19[.14,.24]**	NLD	2,819	15.84	1.20	**-.14[-.18,-.09]**
MAC	3,506	17.12	539.72	**.20[.15,.25]**	CRI	2,813	18.31	1.60	**-.13[-.18,-.08]**
TUN	2,687	16.82	393.16	**.20[.14,.26]**	BGR	3,275	18.49	1.56	**-.13[-.18,-.09]**
MEX	21,846	17.67	414.73	**.21[.19,.23]**	EST	3,122	17.70	1.40	**-.13[-.18,-.09]**
DEU	2,751	16.37	525.39	**.21[.16,.26]**	ROU	3,280	16.52	1.57	**-.13[-.17,-.09]**
LVA	2,845	17.22	490.97	**.23[.18,.28]**	ESP	16,164	16.83	1.38	**-.12[-.14,-.10]**
MNE	2,969	17.64	413.56	**.23[.18,.27]**	MYS	3,305	17.38	1.38	**-.12[-.17,-.08]**
BGR	3,294	18.49	444.44	**.23[.19,.28]**	SVN	3,675	16.67	1.38	**-.12[-.16,-.08]**
SVK	2,974	14.29	485.05	**.23[.18,.29]**	DEU	2,746	16.37	1.16	**-.12[-.17,-.07]**

Table S8 (continued).

	Math[1]					Truancy[2]			
	N	M_p	M_m	$r_{p,m}$[99%CI]		***N***	M_p	M_t	$r_{p,t}$[99%CI]
THA	4,369	17.55	428.17	**.24[.19,.28]**	TUR	3,133	18.09	1.69	**-.12[-.16,-.07]**
JPN	4,133	13.82	538.22	**.24[.18,.29]**	BEL	5,333	15.02	1.17	**-.12[-.15,-.08]**
ESP	16,360	16.83	486.91	**.25[.21,.28]**	KOR	3,341	16.07	1.14	**-.12[-.16,-.07]**
USA	6,519	17.87	484.45	**.25[.21,.29]**	COL	5,377	18.09	1.22	**-.11[-.15,-.08]**
CAN	13,878	17.17	521.84	**.26[.24,.29]**	CHL	4,362	17.55	1.33	**-.11[-.15,-.07]**
TAP	3,992	16.06	560.60	**.27[.23,.31]**	ARG	3,482	16.59	1.70	**-.11[-.15,-.07]**
KOR	3,349	16.07	554.39	**.28[.24,.32]**	IRL	3,253	16.91	1.19	**-.11[-.15,-.06]**
FRA	2,926	14.47	500.67	**.28[.23,.34]**	LTU	2,982	17.09	1.42	**-.11[-.15,-.06]**
IRL	3,264	16.91	502.93	**.29[.25,.33]**	JPN	4,129	13.82	1.06	**-.10[-.14,-.06]**
GRC	3,298	15.99	454.88	**.29[.25,.33]**	BRA	11,562	16.99	1.32	**-.10[-.12,-.08]**
GBR	8,174	16.75	496.59	**.29[.25,.34]**	LVA	2,823	17.22	1.66	**-.10[-.15,-.05]**
ARE	7,213	18.04	437.60	**.30[.26,.33]**	ITA	20,032	16.51	1.45	**-.10[-.11,-.08]**
AUS	9,287	16.67	507.75	**.31[.29,.33]**	HRV	3,271	16.65	1.31	**-.09[-.14,-.05]**
QAT	6,439	17.46	384.16	**.31[.28,.34]**	AUT	3,025	16.31	1.17	**-.09[-.14,-.05]**
POL	3,032	16.42	517.81	**.31[.28,.35]**	QCN	3,423	17.54	1.09	**-.09[-.13,-.05]**
PRT	3,696	17.71	488.77	**.32[.28,.36]**	IDN	3,548	17.53	1.26	**-.09[-.13,-.04]**
JOR	4,267	17.74	392.15	**.32[.28,.36]**	CZE	3,424	16.04	1.17	**-.08[-.13,-.04]**
NZL	2,729	16.38	503.43	**.32[.28,.36]**	HUN	3,132	16.41	1.16	**-.08[-.12,-.03]**
SWE	2,992	15.31	483.90	**.34[.30,.38]**	SGP	3,665	17.71	1.20	**-.07[-.12,-.03]**
DNK	4,658	16.20	503.23	**.34[.30,.38]**	VNM	3,227	18.32	1.12	**-.07[-.12,-.03]**

Table S8 (continued).

	Math[1]					Truancy[2]			
	N	M_p	M_m	$r_{p,m}$**[99%CI]**		***N***	M_p	M_t	$r_{p,t}$**[99%CI]**
ISL	2,183	15.95	496.03	**.36[.31,.40]**	SVK	2,967	14.29	1.20	**-.07[-.12,-.02]**
FIN	5,641	16.35	523.63	**.39[.36,.43]**	MAC	3,496	17.12	1.14	**-.07[-.11,-.03]**
NOR	2,982	14.91	493.96	**.41[.38,.45]**	HKG	3,042	16.98	1.09	**-.05[-.10,.00]**

Note. N= sample size; M_p = country/region mean perseverance; M_m = country/region mean math achievement; M_t = country/region mean of mean truancy; $r_{p,m}$ = within country/region correlation between mean perseverance and math achievement; $r_{p,t}$ = within country/region correlation between mean perseverance and truancy; CI = confidence interval; ALB = Albania; ARE = United Arab Emirates; ARG = Argentina; AUS = Australia; AUT = Austria; BEL = Belgium; BGR = Bulgaria; BRA = Brazil; CAN = Canada; CHE = Switzerland; CHL = Chile; COL = Colombia; CRI = Costa Rica; CZE = Czech Republic; DEU = Germany; DNK = Denmark; ESP = Spain; EST = Estonia; FIN = Finland; FRA = France; GBR = United Kingdom; GRC = Greece; HKG = Hong Kong-China; HRV = Croatia; HUN = Hungary; IDN = Indonesia; IRL = Ireland; ISL = Iceland; ISR = Israel; ITA = Italy; JOR = Jordan; JPN = Japan; KAZ = Kazakhstan; KOR = Korea; LTU = Lithuania; LUX = Luxembourg; LVA = Latvia; MAC = Macao-China; MEX = Mexico; MNE = Montenegro; MYS = Malaysia; NLD = Netherlands; NOR = Norway; NZL = New Zealand; PER = Peru; POL = Poland; PRT = Portugal; QAT = Qatar; QCN = Shanghai-China; ROU = Romania; SGP = Singapore; SRB = Serbia; SVK = Slovak Republic; SVN = Slovenia; SWE = Sweden; TAP = Chinese Taipei; THA = Thailand; TUN = Tunisia; TUR = Turkey; URY = Uruguay; VNM = Vietnam.

Effect sizes that are significant at the .01 level and their 99%CIs are marked in bold.

[1] The correlation between perseverance and math achievement across the 62 countries/regions: r = -.44, 99% CI [-.67, -.14].

[2] The correlation between perseverance and truancy across the 62 countries/regions: r = .35, 99% CI [.03, .60].

Table S9

Results of Curvilinear Relationship Analyses for the Perseverance Factor Without Controlling for Gender and SES for the Entire Sample

DV	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
	N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
Truancy	311,535	0.02	[0.02,0.02]	-0.05	[-0.06,-0.05]	0.06	[0.02,0.09]	1.00						
Math PV1	313,943	-9.01	[-9.50,-8.53]	13.19	[12.13,14.26]	-20.74	[-22.34,-19.14]	0.06	164,617	.08	[.07,.09]	150,443	-.08	[-.09,-.08]
Math PV2	313,943	-8.92	[-9.40,-8.44]	13.40	[12.34,14.46]	-20.90	[-22.50,-19.30]	0.07	166,028	.08	[.07,.09]	148,301	-.08	[-.09,-.08]
Math PV3	313,943	-8.92	[-9.40,-8.44]	13.39	[12.33,14.45]	-20.76	[-22.36,-19.16]	0.07	166,028	.08	[.07,.09]	148,301	-.08	[-.09,-.08]
Math PV4	313,943	-8.99	[-9.48,-8.51]	13.60	[12.54,14.66]	-20.65	[-22.25,-19.05]	0.07	166,028	.08	[.07,.09]	148,301	-.08	[-.09,-.08]
Math PV5	313,943	-8.95	[-9.43,-8.46]	13.47	[12.41,14.53]	-20.76	[-22.36,-19.16]	0.07	166,028	.08	[.07,.09]	148,301	-.08	[-.09,-.08]

Note. N/n = sample size; b_1 = the quadratic term of the Perseverance factor in the quadratic regression model; CI = confidence interval; c_1 = the slope before the turning point of the potential U-shaped curve; c_2 = the slope after the tuning point of the potential U-shaped curve; Turn = the turning point of the potential U-shaped curve; DV = dependent variable; Math PV = math achievement indicated by a plausible value.

[1] Correlations before and after turn were computed only for conditions where a significant U-shaped relationship was found.

Table S10

Results of Curvilinear Relationship Analyses for the Perseverance Factor Controlling for Gender and SES for 9 Cultural Regions

Model	Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
		N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Truancy	North America/Oceania	31,824	0.01	[0.00,0.02]	-0.09	[-0.10,-0.08]	-0.01	[-0.08,0.06]	0.92						
	MENA	27,119	-0.01	[-0.01,0.00]	-0.06	[-0.07,-0.04]	-0.57	[-1.17,0.03]	1.07						
	Latin America	57,057	0.00	[0.00,0.01]	-0.06	[-0.06,-0.05]	-2.91	[-3.91,-1.91]	1.34						
	Southern Europe	22,471	0.03	[0.02,0.04]	-0.09	[-0.10,-0.07]	0.00	[-0.09,0.10]	0.93						
	Western Europe	74,176	0.02	[0.02,0.03]	-0.07	[-0.07,-0.06]	0.00	[-0.03,0.02]	0.75						
	Former Communist countries	36,354	0.01	[0.01,0.02]	-0.06	[-0.07,-0.04]	-0.01	[-0.04,0.02]	0.19						
	The Nordics	18,157	0.02	[0.01,0.03]	-0.09	[-0.10,-0.07]	-0.02	[-0.09,0.06]	1.12						
	East Asia	21,260	0.01	[0.01,0.02]	-0.04	[-0.06,-0.03]	-0.01	[-0.03,0.01]	0.65						
	Southeast Asia	18,207	0.01	[0.00,0.02]	-0.03	[-0.05,-0.02]	0.02	[-0.05,0.08]	0.50						
DV: Math Achievement	**North America/Oceania**														
	PV1	32,243	-1.37	[-2.60,-0.14]	20.35	[18.57,22.12]	-14.44	[-30.80,1.91]	0.92						
	PV2	32,243	-1.24	[-2.47,-0.01]	20.46	[18.69,22.23]	-12.59	[-29.27,4.10]	0.92						
	PV3	32,243	-1.35	[-2.58,-0.11]	20.46	[18.68,22.25]	-11.01	[-27.60,5.58]	0.92						

Table S10 (continued).

Model	Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
		N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
	PV4	32,243	-1.39	[-2.62,-0.15]	20.38	[18.61,22.15]	-14.96	[-31.47,1.55]	0.92						
	PV5	32,243	-1.34	[-2.58,-0.11]	20.81	[19.03,22.59]	-12.12	[-28.59,4.36]	0.92						
	MENA														
	PV1	27,362	-3.56	[-4.90,-2.21]	17.86	[13.18,22.54]	1.02	[-2.30,4.35]	-0.50						
	PV2	27,362	-3.27	[-4.62,-1.92]	16.94	[12.27,21.61]	1.56	[-1.77,4.88]	-0.49						
	PV3	27,362	-3.56	[-4.91,-2.22]	18.25	[13.57,22.94]	1.49	[-1.84,4.82]	-0.49						
	PV4	27,362	-3.44	[-4.79,-2.09]	17.94	[13.26,22.63]	1.27	[-2.04,4.58]	-0.50						
	PV5	27,362	-3.67	[-5.01,-2.32]	18.98	[14.28,23.68]	1.42	[-1.90,4.73]	-0.51						
DV: Math Achievement	**Latin America**														
	PV1	57,480	-2.65	[-3.42,-1.89]	6.12	[4.83,7.41]	-11.57	[-16.87,-6.27]	0.58	40,306	.07	[.06,.08]	17,743	-.05	[-.07,-.03]
	PV2	57,480	-2.62	[-3.38,-1.85]	6.06	[4.76,7.37]	-10.18	[-15.44,-4.92]	0.58	40,306	.07	[.05,.08]	17,743	-.05	[-.07,-.03]
	PV3	57,480	-2.28	[-3.04,-1.51]	10.36	[8.16,12.56]	1.15	[-0.89,3.18]	-0.31						
	PV4	57,480	-2.48	[-3.25,-1.72]	5.53	[4.24,6.83]	-12.68	[-17.96,-7.40]	0.58	40,306	.06	[.05,.08]	17,743	-.05	[-.07,-.03]
	PV5	57,480	-2.35	[-3.11,-1.58]	5.54	[4.24,6.83]	-11.50	[-16.77,-6.22]	0.58	40,306	.06	[.05,.08]	17,743	-.05	[-.07,-.03]
	Southern Europe														
	PV1	22,620	-6.35	[-7.80,-4.89]	19.22	[15.46,22.98]	-4.81	[-9.12,-0.51]	-0.13	10,117	.12	[.10,.15]	12,674	-.02	[-.05,-.00]
	PV2	22,620	-6.21	[-7.67,-4.75]	19.34	[15.52,23.16]	-4.44	[-8.67,-0.22]	-0.16						
	PV3	22,620	-6.30	[-7.76,-4.84]	18.88	[15.10,22.65]	-5.02	[-9.41,-0.62]	-0.10	10,266	.12	[.10,.15]	12,524	-.02	[-.05,-.00]
	PV4	22,620	-6.25	[-7.71,-4.79]	16.36	[12.74,19.99]	-7.41	[-12.02,-2.81]	-0.04	10,647	.11	[.08,.13]	12,144	-.04	[-.06,-.01]

Table S10 (continued).

Model	Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
		N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
	PV5	22,620	-6.34	[-7.81,-4.88]	18.83	[15.02,22.63]	-4.85	[-9.18,-0.51]	-0.13	10,117	.12	[.10,.15]	12,674	-.02	[-.05,-.00]
	Western Europe														
	PV1	74,750	-5.36	[-6.16,-4.56]	13.95	[12.79,15.12]	-18.25	[-26.96,-9.53]	1.08	65,626	.13	[.12,.14]	11,252	-.05	[-.07,-.02]
	PV2	74,750	-5.25	[-6.05,-4.45]	13.87	[12.71,15.03]	-19.29	[-28.02,-10.56]	1.08	65,626	.13	[.12,.14]	11,252	-.05	[-.07,-.02]
	PV3	74,750	-5.22	[-6.02,-4.42]	13.63	[12.47,14.79]	-18.41	[-27.40,-9.41]	1.09	65,639	.13	[.12,.14]	11,174	-.05	[-.07,-.02]
	PV4	74,750	-5.28	[-6.08,-4.48]	13.75	[12.59,14.90]	-17.32	[-26.74,-7.90]	1.10	65,950	.13	[.12,.14]	10,879	-.04	[-.07,-.02]
	PV5	74,750	-5.16	[-5.96,-4.36]	13.93	[12.76,15.09]	-18.84	[-27.88,-9.81]	1.09	65,639	.13	[.12,.14]	11,174	-.05	[-.07,-.02]
DV: Math Achievement	**Former Communist countries**														
	PV1	36,489	-7.15	[-8.31,-5.99]	15.49	[12.54,18.44]	-11.80	[-15.23,-8.38]	-0.14	17,847	.12	[.10,.13]	19,070	-.05	[-.07,-.03]
	PV2	36,489	-6.98	[-8.14,-5.82]	14.16	[11.21,17.10]	-11.68	[-15.18,-8.19]	-0.14	17,847	.11	[.09,.13]	19,070	-.05	[-.07,-.03]
	PV3	36,489	-6.93	[-8.09,-5.77]	15.37	[12.38,18.35]	-10.06	[-13.45,-6.67]	-0.16	17,630	.12	[.10,.13]	19,274	-.04	[-.06,-.02]
	PV4	36,489	-7.25	[-8.41,-6.10]	16.45	[13.43,19.47]	-11.01	[-14.34,-7.67]	-0.18	17,472	.12	[.10,.14]	19,440	-.04	[-.06,-.02]
	PV5	36,489	-6.94	[-8.10,-5.77]	15.40	[12.41,18.38]	-10.22	[-13.64,-6.81]	-0.16	17,630	.12	[.10,.13]	19,274	-.04	[-.06,-.02]
	The Nordics														
	PV1	18,339	-3.43	[-4.91,-1.95]	23.45	[21.33,25.58]	8.47	[-10.43,27.38]	1.19						
	PV2	18,339	-3.59	[-5.08,-2.11]	23.23	[21.05,25.40]	3.20	[-14.80,21.19]	1.17						
	PV3	18,339	-3.46	[-4.94,-1.98]	23.20	[21.05,25.35]	-0.90	[-18.80,17.00]	1.17						
	PV4	18,339	-3.44	[-4.92,-1.96]	23.93	[21.78,26.09]	4.18	[-13.85,22.22]	1.17						

Table S10 (continued).

Model	Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
		N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
	PV5	18,339	-3.46	[-4.94,-1.98]	23.56	[21.40,25.73]	4.18	[-13.94,22.29]	1.17						
	East Asia														
	PV1	21,288	-7.61	[-9.46,-5.76]	30.15	[27.51,32.79]	-14.26	[-31.87,3.36]	1.19						
	PV2	21,288	-7.42	[-9.27,-5.57]	30.12	[27.49,32.75]	-10.38	[-28.66,7.90]	1.21						
	PV3	21,288	-7.68	[-9.53,-5.82]	30.02	[27.36,32.67]	-11.22	[-29.17,6.73]	1.20						
DV:	PV4	21,288	-7.27	[-9.13,-5.42]	29.67	[27.04,32.30]	-9.40	[-28.41,9.60]	1.23						
Math	PV5	21,288	-7.76	[-9.62,-5.91]	29.81	[27.18,32.44]	-14.00	[-32.85,4.86]	1.23						
Achievement	**Southeast Asia**														
	PV1	18,300	-8.78	[-11.11,-6.45]	19.17	[13.60,24.74]	-19.16	[-25.51,-12.82]	0.02	8,176	.08	[.05,.11]	10,208	-.07	[-.10,-.05]
	PV2	18,300	-8.59	[-10.93,-6.25]	18.42	[12.92,23.92]	-20.08	[-26.48,-13.68]	0.02	8,176	.07	[.05,.10]	10,208	-.08	[-.10,-.05]
	PV3	18,300	-9.15	[-11.48,-6.82]	19.76	[14.22,25.29]	-21.48	[-27.88,-15.09]	0.02	8,176	.08	[.05,.11]	10,208	-.08	[-.11,-.06]
	PV4	18,300	-8.67	[-11.00,-6.33]	18.13	[12.58,23.68]	-20.68	[-27.06,-14.30]	0.02	8,176	.07	[.05,.10]	10,208	-.08	[-.10,-.05]
	PV5	18,300	-8.88	[-11.22,-6.54]	19.42	[13.86,24.99]	-20.45	[-26.86,-14.04]	0.02	8,176	.08	[.05,.11]	10,208	-.08	[-.10,-.05]

Note. N/n = sample size; b_1 = the quadratic term of the Perseverance factor in the quadratic regression model; CI = confidence interval; c_1 = the slope before the turning point of the potential U-shaped curve; c_2 = the slope after the tuning point of the potential U-shaped curve; Turn = the turning point of the potential U-shaped curve; DV = dependent variable; PV = a plausible value of math achievement.

[1] Correlations before and after turn were computed only for conditions where a significant U-shaped relationship was found.

Table S11

Results of Curvilinear Relationship Analyses for the Perseverance Factor Without Controlling for Gender and SES for 9 Cultural Regions

Model	Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
		N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Truancy	North America/Oceania	32,501	0.01	[0.00,0.02]	-0.09	[-0.11,-0.08]	-0.01	[-0.08,0.06]	0.92						
	MENA	27,422	-0.01	[-0.01,0.00]	-0.06	[-0.07,-0.05]	-0.90	[-1.42,-0.38]	1.06						
	Latin America	57,582	0.00	[0.00,0.01]	-0.06	[-0.06,-0.05]	-2.93	[-3.93,-1.93]	1.34						
	Southern Europe	22,637	0.03	[0.02,0.04]	-0.09	[-0.10,-0.07]	0.00	[-0.09,0.10]	0.92						
	Western Europe	76,194	0.02	[0.02,0.03]	-0.06	[-0.07,-0.05]	0.01	[-0.02,0.04]	0.89						
	Former Communist countries	36,757	0.01	[0.01,0.02]	-0.06	[-0.07,-0.04]	-0.01	[-0.03,0.02]	0.17						
	The Nordics	18,633	0.02	[0.01,0.03]	-0.09	[-0.10,-0.08]	-0.02	[-0.09,0.05]	1.12						
	East Asia	21,524	0.02	[0.01,0.02]	-0.04	[-0.05,-0.03]	0.00	[-0.02,0.02]	0.64						
	Southeast Asia	18,285	0.01	[0.00,0.02]	-0.04	[-0.06,-0.02]	-0.01	[-0.06,0.04]	0.37						
	North America/Oceania														
DV: Math Achievement	PV1	32,940	-1.61	[-2.88,-0.35]	23.96	[22.13,25.78]	-11.49	[-28.28,5.30]	0.91						
	PV2	32,940	-1.48	[-2.75,-0.22]	23.97	[22.16,25.78]	-9.93	[-26.95,7.10]	0.90						
	PV3	32,940	-1.59	[-2.85,-0.32]	24.04	[22.22,25.87]	-7.73	[-24.62,9.17]	0.90						
	PV4	32,940	-1.60	[-2.87,-0.33]	23.98	[22.16,25.79]	-11.48	[-28.45,5.50]	0.91						

Table S11 (continued).

Model	Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
		N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
	PV5	32,940	-1.60	[-2.86,-0.33]	24.39	[22.56,26.21]	-8.81	[-25.66,8.03]	0.90						
	MENA														
	PV1	27,694	-3.70	[-5.06,-2.34]	18.53	[13.88,23.19]	1.61	[-1.77,4.99]	-0.49						
	PV2	27,694	-3.46	[-4.82,-2.09]	18.05	[13.40,22.70]	1.96	[-1.44,5.36]	-0.49						
	PV3	27,694	-3.74	[-5.10,-2.38]	18.80	[14.15,23.45]	1.77	[-1.62,5.17]	-0.48						
	PV4	27,694	-3.62	[-4.98,-2.25]	18.55	[13.89,23.21]	1.80	[-1.57,5.17]	-0.49						
	PV5	27,694	-3.81	[-5.17,-2.45]	19.64	[14.98,24.30]	2.09	[-1.29,5.46]	-0.50						
	Latin America														
DV:	PV1	58,035	-3.11	[-3.91,-2.31]	13.06	[10.77,15.35]	0.57	[-1.56,2.70]	-0.32						
Math	PV2	58,035	-3.08	[-3.88,-2.28]	6.62	[5.27,7.96]	-20.53	[-26.31,-14.75]	0.60	40,920	.06	[.05,.07]	17,115	-.07	[-.09,-.05]
Achievement	PV3	58,035	-2.70	[-3.51,-1.90]	11.65	[9.34,13.96]	0.69	[-1.44,2.81]	-0.33						
	PV4	58,035	-2.94	[-3.74,-2.14]	12.57	[10.25,14.88]	0.81	[-1.30,2.93]	-0.33						
	PV5	58,035	-2.80	[-3.60,-2.00]	9.59	[7.36,11.82]	-1.22	[-3.43,1.00]	-0.18						
	Southern Europe														
	PV1	22,790	-6.12	[-7.59,-4.65]	18.65	[14.85,22.45]	-4.54	[-8.88,-0.19]	-0.13	10,117	.12	[.10,.15]	12,674	-.02	[-.05,-.00]
	PV2	22,790	-6.03	[-7.50,-4.55]	18.90	[15.05,22.75]	-3.96	[-8.25,0.34]	-0.15						
	PV3	22,790	-6.11	[-7.59,-4.64]	18.93	[15.08,22.77]	-4.53	[-8.89,-0.16]	-0.12	10,175	.12	[.10,.15]	12,635	-.02	[-.05,-.00]
	PV4	22,790	-6.04	[-7.51,-4.56]	17.63	[13.86,21.39]	-5.08	[-9.55,-0.60]	-0.09	10,321	.12	[.09,.14]	12,469	-.03	[-.05,-.00]
	PV5	22,790	-6.14	[-7.61,-4.66]	18.44	[14.59,22.28]	-4.53	[-8.90,-0.16]	-0.13	10,117	.12	[.10,.15]	12,674	-.02	[-.05,-.00]

Table S11 (continued).

Model	Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
		N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
	Western Europe														
	PV1	76,813	-5.54	[-6.35,-4.72]	15.51	[14.33,16.70]	-17.76	[-26.69,-8.83]	1.08	65,626	.13	[.12,.14]	11,252	-.05	[-.07,-.02]
	PV2	76,813	-5.42	[-6.24,-4.61]	15.45	[14.26,16.63]	-18.82	[-27.76,-9.89]	1.08	65,626	.13	[.12,.14]	11,252	-.05	[-.07,-.02]
	PV3	76,813	-5.44	[-6.25,-4.62]	15.19	[14.01,16.37]	-18.20	[-27.30,-9.09]	1.08	65,626	.13	[.12,.14]	11,252	-.05	[-.07,-.02]
	PV4	76,813	-5.46	[-6.27,-4.64]	15.52	[14.34,16.69]	-16.78	[-26.37,-7.19]	1.10	65,950	.13	[.12,.14]	10,879	-.04	[-.07,-.02]
	PV5	76,813	-5.35	[-6.17,-4.54]	15.53	[14.35,16.71]	-18.03	[-27.34,-8.72]	1.09	65,639	.13	[.12,.14]	11,174	-.05	[-.07,-.02]
	Former Communist countries														
DV: Math Achievement	PV1	36,904	-7.13	[-8.31,-5.96]	17.44	[14.48,20.40]	-9.93	[-13.46,-6.40]	-0.12	17,973	.11	[.09,.13]	18,933	-.05	[-.07,-.03]
	PV2	36,904	-6.97	[-8.16,-5.79]	16.05	[13.12,18.98]	-10.21	[-13.85,-6.58]	-0.09	18,378	.10	[.09,.12]	18,652	-.05	[-.07,-.03]
	PV3	36,904	-6.94	[-8.12,-5.76]	17.08	[14.10,20.06]	-8.82	[-12.37,-5.28]	-0.12	17,973	.11	[.09,.13]	18,933	-.05	[-.06,-.03]
	PV4	36,904	-7.26	[-8.43,-6.08]	18.21	[15.21,21.20]	-9.08	[-12.60,-5.57]	-0.13	17,922	.12	[.10,.14]	18,982	-.05	[-.07,-.03]
	PV5	36,904	-6.92	[-8.10,-5.74]	16.95	[13.99,19.91]	-8.99	[-12.59,-5.39]	-0.10	18,217	.11	[.09,.13]	18,689	-.05	[-.07,-.03]
	The Nordics														
	PV1	18,830	-3.51	[-5.02,-2.01]	25.36	[23.22,27.50]	9.31	[-10.14,28.76]	1.20						
	PV2	18,830	-3.70	[-5.21,-2.19]	24.71	[22.51,26.91]	3.66	[-14.86,22.18]	1.17						
	PV3	18,830	-3.53	[-5.03,-2.03]	24.65	[22.47,26.83]	-0.23	[-18.64,18.18]	1.17						
	PV4	18,830	-3.56	[-5.07,-2.05]	25.43	[23.25,27.61]	4.97	[-13.58,23.52]	1.17						
	PV5	18,830	-3.45	[-4.96,-1.95]	25.14	[22.96,27.32]	4.74	[-13.96,23.44]	1.17						

Table S11 (continued).

Model	Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
		N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	**East Asia**														
	PV1	21,555	-7.37	[-9.24,-5.49]	29.39	[26.69,32.09]	-11.04	[-29.11,7.04]	1.18						
	PV2	21,555	-7.17	[-9.05,-5.29]	29.25	[26.57,31.92]	-8.22	[-27.76,11.32]	1.23						
	PV3	21,555	-7.45	[-9.34,-5.57]	29.06	[26.35,31.77]	-8.26	[-27.06,10.54]	1.21						
	PV4	21,555	-7.08	[-8.96,-5.20]	28.82	[26.14,31.49]	-7.69	[-27.32,11.95]	1.23						
	PV5	21,555	-7.58	[-9.46,-5.70]	28.94	[26.26,31.62]	-12.16	[-31.53,7.21]	1.23						
	Southeast Asia														
	PV1	18,382	-9.25	[-11.68,-6.81]	21.36	[15.60,27.12]	-19.75	[-26.34,-13.15]	0.02	8,176	.08	[.05,.11]	10,208	-.07	[-.10,-.05]
	PV2	18,382	-9.05	[-11.49,-6.61]	20.58	[14.88,26.29]	-20.65	[-27.30,-14.00]	0.02	8,176	.07	[.05,.10]	10,208	-.08	[-.10,-.05]
	PV3	18,382	-9.58	[-12.02,-7.14]	21.86	[16.12,27.60]	-22.00	[-28.66,-15.35]	0.02	8,176	.08	[.05,.11]	10,208	-.08	[-.11,-.06]
	PV4	18,382	-9.14	[-11.57,-6.70]	20.31	[14.56,26.06]	-21.27	[-27.91,-14.63]	0.02	8,176	.07	[.05,.10]	10,208	-.08	[-.10,-.05]
	PV5	18,382	-9.32	[-11.76,-6.88]	21.51	[15.75,27.26]	-21.03	[-27.70,-14.37]	0.02	8,176	.08	[.05,.11]	10,208	-.08	[-.10,-.05]

Note. N/n = sample size; *b1* = the quadratic term of the Perseverance factor in the quadratic regression model; CI = confidence interval; *c1* = the slope before the turning point of the potential U-shaped curve; *c2* = the slope after the tuning point of the potential U-shaped curve; Turn = the turning point of the potential U-shaped curve; DV = dependent variable; PV = a plausible value of math achievement.

[1] Correlations before and after turn were computed only for conditions where a significant U-shaped relationship was found.

Table S12

Results of Curvilinear Relationship Analyses for the Perseverance Factor Controlling for Gender and SES for 62 Countries/Regions

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		ALB	2,579	0.02	[-0.01,0.04]	-0.10	[-0.14,-0.05]	0.36	[0.11,0.61]	0.60						
		ARE	7,246	0.00	[-0.01,0.01]	-0.05	[-0.07,-0.03]	-0.13	[-0.85,0.59]	0.89						
		ARG	3,496	0.00	[-0.03,0.02]	-0.04	[-0.08,0.00]	0.13	[-0.14,0.40]	1.00						
		BGR	3,299	0.03	[0.01,0.05]	-0.11	[-0.16,-0.06]	-0.01	[-0.10,0.08]	0.38						
		BRA	11,966	0.00	[-0.01,0.01]	-0.04	[-0.05,-0.03]	-0.70	[-1.49,0.09]	1.36						
		CHL	4,405	0.00	[-0.02,0.01]	-0.05	[-0.07,-0.03]	-0.03	[-0.34,0.28]	1.09						
DV: Truancy	**Low loading**	COL	5,493	0.01	[0.00,0.02]	-0.03	[-0.05,-0.02]	-0.06	[-0.20,0.08]	0.92						
		CRI	2,837	0.00	[-0.03,0.02]	-0.06	[-0.10,-0.03]	-0.36	[-1.06,0.34]	1.08						
		ESP	16,135	0.02	[0.01,0.03]	-0.08	[-0.09,-0.06]	-0.01	[-0.10,0.07]	0.93						
		GRC	3,326	0.04	[0.02,0.06]	-0.14	[-0.19,-0.10]	-0.02	[-0.22,0.18]	0.84						
		HKG	2,993	0.00	[-0.01,0.01]	-0.01	[-0.04,0.02]	0.00	[-0.03,0.03]	0.22						
		HUN	3,111	0.03	[0.01,0.04]	-0.12	[-0.20,-0.04]	0.00	[-0.03,0.04]	-0.37						
		IDN	3,600	0.00	[-0.02,0.02]	-0.02	[-0.04,0.01]	0.00	[-0.32,0.32]	1.00						
		JOR	4,369	-0.01	[-0.02,0.01]	-0.06	[-0.08,-0.03]	-0.36	[-1.00,0.29]	0.89						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Truancy	Low loading	JPN	4,046	0.01	[0.00,0.02]	-0.04	[-0.06,-0.01]	0.00	[-0.03,0.02]	0.49						
		KAZ	3,831	-0.01	[-0.03,0.00]	-0.02	[-0.10,0.06]	-0.06	[-0.09,-0.03]	-0.92						
		KOR	3,320	0.02	[0.01,0.04]	-0.06	[-0.10,-0.02]	-0.02	[-0.08,0.05]	0.55						
		LTU	2,982	0.02	[0.00,0.04]	-0.06	[-0.10,-0.01]	0.03	[-0.09,0.16]	0.66						
		LUX	3,173	0.02	[0.00,0.03]	-0.07	[-0.10,-0.04]	-0.03	[-0.13,0.07]	0.87						
		MAC	3,483	0.01	[0.00,0.03]	-0.03	[-0.05,0.00]	0.02	[-0.03,0.07]	0.35						
		MEX	21,955	-0.01	[-0.01,0.00]	-0.05	[-0.06,-0.04]	-2.19	[-3.08,-1.29]	1.42						
		MNE	2,997	0.02	[0.01,0.04]	-0.08	[-0.12,-0.04]	0.05	[-0.16,0.26]	0.86						
		MYS	3,337	0.02	[0.00,0.04]	-0.10	[-0.18,-0.02]	0.01	[-0.05,0.07]	-0.24						
		NLD	2,795	0.02	[0.00,0.03]	-0.06	[-0.09,-0.03]	0.01	[-0.07,0.08]	0.72						
		PER	3,616	0.01	[-0.01,0.03]	-0.07	[-0.10,-0.04]	-0.07	[-0.26,0.11]	0.73						
		QAT	6,565	-0.01	[-0.02,0.00]	-0.06	[-0.08,-0.04]	0.11	[-0.43,0.66]	1.24						
		QCN	3,429	0.00	[-0.01,0.02]	-0.03	[-0.05,-0.01]	0.00	[-0.12,0.13]	0.69						
		ROU	3,324	0.02	[0.00,0.04]	-0.09	[-0.13,-0.05]	-0.04	[-0.22,0.13]	0.84						
		SGP	3,667	0.01	[-0.01,0.03]	-0.03	[-0.07,0.00]	-0.01	[-0.07,0.05]	0.18						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Truancy	Low loading	SRB	2,985	0.02	[0.00,0.04]	-0.08	[-0.12,-0.03]	0.01	[-0.08,0.09]	0.47						
		SVN	3,657	0.06	[0.04,0.08]	-0.13	[-0.19,-0.07]	0.05	[-0.04,0.13]	0.34						
		THA	4,358	0.00	[-0.02,0.01]	-0.05	[-0.08,-0.02]	-0.20	[-0.55,0.15]	1.00						
		TUN	2,706	0.01	[-0.01,0.03]	-0.06	[-0.09,-0.03]	0.02	[-0.50,0.53]	1.10						
		TUR	3,155	-0.01	[-0.03,0.02]	-0.04	[-0.08,0.01]	0.11	[-0.59,0.81]	0.97						
		URY	3,289	0.02	[0.00,0.04]	-0.10	[-0.14,-0.07]	-0.02	[-0.26,0.22]	0.94						
		VNM	3,245	0.01	[-0.01,0.02]	-0.02	[-0.04,0.00]	0.06	[-0.01,0.13]	0.38						
	High loading	USA	6,517	0.01	[0.00,0.02]	-0.07	[-0.09,-0.05]	0.07	[-0.05,0.20]	0.92						
		AUS	9,124	0.01	[0.00,0.03]	-0.10	[-0.12,-0.08]	0.00	[-0.12,0.12]	1.03						
		AUT	3,045	0.02	[0.00,0.03]	-0.06	[-0.09,-0.02]	-0.02	[-0.10,0.06]	0.40						
		BEL	5,213	0.03	[0.02,0.04]	-0.08	[-0.11,-0.05]	0.02	[-0.01,0.06]	0.33						
		CAN	13,647	0.01	[0.00,0.02]	-0.09	[-0.11,-0.07]	-0.12	[-0.24,0.01]	1.07						
		CHE	7,113	0.03	[0.02,0.04]	-0.10	[-0.12,-0.07]	0.00	[-0.03,0.03]	0.35						
		CZE	3,418	0.02	[0.00,0.03]	-0.05	[-0.08,-0.02]	0.03	[-0.03,0.10]	0.63						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Truancy	High loading	DEU	2,558	0.02	[0.00,0.04]	-0.05	[-0.09,-0.02]	-0.04	[-0.13,0.05]	0.56						
		DNK	4,609	0.02	[0.00,0.03]	-0.10	[-0.14,-0.06]	-0.05	[-0.11,0.01]	0.48						
		EST	3,085	0.03	[0.00,0.06]	-0.11	[-0.16,-0.05]	0.07	[-0.03,0.18]	0.30						
		FIN	5,556	0.02	[0.01,0.04]	-0.09	[-0.11,-0.06]	0.00	[-0.12,0.12]	0.94						
		FRA	2,830	0.03	[0.01,0.05]	-0.08	[-0.13,-0.04]	0.00	[-0.07,0.07]	0.74						
		GBR	7,807	0.02	[0.01,0.04]	-0.08	[-0.10,-0.06]	0.02	[-0.11,0.14]	1.00						
		HRV	3,278	0.04	[0.02,0.05]	-0.11	[-0.17,-0.06]	0.03	[-0.03,0.09]	0.06						
		IRL	3,257	0.01	[-0.01,0.02]	-0.04	[-0.06,-0.02]	0.11	[-0.08,0.30]	1.10						
		ISL	2,169	0.01	[-0.01,0.03]	-0.08	[-0.12,-0.04]	-0.03	[-0.11,0.04]	0.68						
		ISR	3,078	-0.01	[-0.03,0.01]	-0.08	[-0.11,-0.04]	-0.49	[-1.11,0.13]	1.17						
		ITA	20,062	0.03	[0.02,0.04]	-0.09	[-0.11,-0.07]	0.00	[-0.03,0.03]	0.31						
		LVA	2,799	0.04	[0.00,0.07]	-0.12	[-0.19,-0.05]	-0.03	[-0.14,0.09]	0.41						
		NOR	2,922	0.03	[0.02,0.05]	-0.10	[-0.14,-0.06]	0.01	[-0.08,0.09]	0.69						
		NZL	2,536	0.01	[-0.01,0.03]	-0.08	[-0.12,-0.04]	-0.06	[-0.21,0.10]	1.00						
		POL	2,980	0.01	[-0.01,0.04]	-0.08	[-0.12,-0.05]	-0.08	[-0.29,0.14]	1.11						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Truancy	**High loading**	PRT	3,649	0.02	[0.00,0.04]	-0.09	[-0.12,-0.06]	-0.14	[-0.58,0.30]	0.97						
		SVK	2,991	0.01	[-0.01,0.03]	-0.06	[-0.11,-0.01]	-0.01	[-0.06,0.04]	0.10						
		SWE	2,901	0.04	[0.02,0.06]	-0.13	[-0.17,-0.08]	0.02	[-0.07,0.11]	0.53						
		TAP	3,989	0.04	[0.02,0.06]	-0.12	[-0.17,-0.06]	0.00	[-0.05,0.05]	0.34						
DV: Math Achievement	**Low loading**	**ALB**														
		PV1	2,616	-2.01	[-6.69,2.68]	3.41	[-6.45,13.27]	-2.61	[-22.00,16.78]	0.06						
		PV2	2,616	-2.64	[-7.30,2.02]	9.65	[-2.08,21.38]	-0.65	[-14.98,13.67]	-0.16						
		PV3	2,616	-2.06	[-6.71,2.58]	5.25	[-4.88,15.38]	0.67	[-17.50,18.85]	0.06						
		PV4	2,616	-2.57	[-7.25,2.11]	10.52	[-5.72,26.75]	-2.20	[-12.94,8.53]	-0.53						
		PV5	2,616	-2.26	[-6.97,2.45]	2.85	[-6.79,12.49]	-4.55	[-23.42,14.33]	0.07						
		ARE														
		PV1	7,292	-3.11	[-5.45,-0.77]	7.38	[3.30,11.46]	-38.97	[-68.29,-9.65]	0.55	4,851	.07	[.03,.11]	2,500	-.09	[-.14,-.04]
		PV2	7,292	-2.52	[-4.84,-0.19]	7.11	[2.95,11.28]	-25.63	[-52.25,1.00]	0.54						
		PV3	7,292	-2.97	[-5.31,-0.63]	6.43	[2.29,10.57]	-36.32	[-65.28,-7.36]	0.55	4,851	.06	[.02,.10]	2,500	-.08	[-.13,-.03]
		PV4	7,292	-2.44	[-4.79,-0.10]	6.25	[2.13,10.37]	-43.50	[-74.54,-12.47]	0.57	4,899	.06	[.03,.10]	2,452	-.09	[-.14,-.04]
		PV5	7,292	-2.84	[-5.15,-0.52]	6.97	[2.53,11.40]	-19.13	[-38.99,0.74]	0.37						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		ARG														
		PV1	3,564	-3.02	[-5.74,-0.30]	5.30	[0.65,9.96]	-26.33	[-48.81,-3.85]	0.80	2,753	.07	[.02,.12]	943	-.10	[-.18,-.01]
		PV2	3,564	-2.57	[-5.31,0.18]	2.03	[-3.12,7.18]	-27.09	[-43.79,-10.38]	0.57						
		PV3	3,564	-2.58	[-5.30,0.14]	3.11	[-2.31,8.53]	-12.42	[-26.71,1.88]	0.54						
		PV4	3,564	-2.58	[-5.30,0.14]	5.74	[0.95,10.53]	-8.27	[-29.68,13.15]	0.72						
		PV5	3,564	-2.30	[-5.02,0.43]	1.92	[-3.09,6.94]	-27.92	[-44.17,-11.68]	0.57						
		BGR														
		PV1	3,319	-4.50	[-6.86,-2.13]	20.67	[12.38,28.96]	-2.77	[-10.47,4.94]	-0.46						
DV: Math Achievement	**Low loading**	PV2	3,319	-4.32	[-6.68,-1.96]	18.02	[10.01,26.04]	-3.20	[-11.33,4.93]	-0.40						
		PV3	3,319	-3.68	[-6.04,-1.32]	12.63	[2.28,22.98]	-2.37	[-8.39,3.66]	-0.72						
		PV4	3,319	-4.34	[-6.70,-1.99]	17.95	[10.54,25.36]	-3.80	[-12.63,5.03]	-0.32						
		PV5	3,319	-3.91	[-6.29,-1.53]	15.14	[5.65,24.63]	-3.68	[-10.36,3.01]	-0.63						
		BRA														
		PV1	12,071	-2.65	[-4.04,-1.27]	12.23	[8.03,16.43]	-0.24	[-4.20,3.71]	-0.37						
		PV2	12,071	-2.36	[-3.75,-0.97]	8.96	[4.98,12.94]	-1.82	[-6.07,2.43]	-0.19						
		PV3	12,071	-2.36	[-3.75,-0.98]	8.47	[3.70,13.23]	-2.23	[-5.62,1.16]	-0.57						
		PV4	12,071	-2.37	[-3.76,-0.98]	3.90	[1.22,6.58]	-11.38	[-18.36,-4.41]	0.43	7,674	.04	[.01,.07]	4,500	-.06	[-.10,-.02]
		PV5	12,071	-2.34	[-3.73,-0.96]	7.30	[2.67,11.93]	-3.14	[-6.64,0.35]	-0.42						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		CHL														
		PV1	4,440	-1.10	[-3.93,1.73]	8.20	[4.37,12.02]	-74.14	[-147.36,-0.91]	1.11						
		PV2	4,440	-1.26	[-4.10,1.59]	8.75	[4.79,12.71]	-78.92	[-151.52,-6.31]	1.11						
		PV3	4,440	-1.33	[-4.18,1.53]	8.05	[4.17,11.94]	-82.47	[-151.12,-13.81]	1.09						
		PV4	4,440	-1.54	[-4.38,1.31]	7.91	[3.95,11.86]	-74.15	[-139.78,-8.51]	1.09						
		PV5	4,440	-1.08	[-3.95,1.78]	7.52	[3.53,11.51]	-67.69	[-139.63,4.25]	1.09						
		COL														
		PV1	5,520	-2.52	[-4.70,-0.35]	5.84	[-1.13,12.82]	-5.68	[-11.09,-0.27]	-0.40						
DV: Math Achievement	**Low loading**	PV2	5,520	-2.75	[-4.91,-0.60]	6.41	[-0.51,13.33]	-5.76	[-11.19,-0.32]	-0.40						
		PV3	5,520	-2.19	[-4.36,-0.02]	4.95	[-1.91,11.81]	-4.51	[-10.09,1.08]	-0.40						
		PV4	5,520	-2.68	[-4.86,-0.51]	6.64	[-0.26,13.55]	-6.16	[-11.63,-0.68]	-0.40						
		PV5	5,520	-2.59	[-4.75,-0.44]	5.75	[-1.28,12.79]	-6.16	[-11.62,-0.69]	-0.40						
		CRI														
		PV1	2,867	-2.74	[-5.46,-0.01]	4.71	[-1.35,10.77]	-10.31	[-22.40,1.78]	0.21						
		PV2	2,867	-3.46	[-6.16,-0.76]	6.64	[0.89,12.40]	-12.33	[-24.29,-0.37]	0.22						
		PV3	2,867	-2.31	[-5.01,0.40]	4.63	[-1.32,10.57]	-11.59	[-22.94,-0.24]	0.21						
		PV4	2,867	-2.44	[-5.13,0.25]	4.83	[-0.70,10.37]	-6.00	[-19.74,7.74]	0.27						
		PV5	2,867	-2.01	[-4.71,0.69]	4.39	[-1.04,9.82]	-9.39	[-22.52,3.74]	0.24						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		ESP														
		PV1	16,330	-3.97	[-5.43,-2.51]	20.10	[17.77,22.44]	-7.63	[-22.86,7.60]	0.93						
		PV2	16,330	-3.83	[-5.28,-2.37]	19.78	[17.46,22.10]	-6.66	[-22.40,9.09]	0.94						
		PV3	16,330	-3.89	[-5.34,-2.43]	19.66	[17.33,21.99]	-8.84	[-24.83,7.14]	0.94						
		PV4	16,330	-3.67	[-5.13,-2.22]	19.44	[17.12,21.76]	-4.40	[-20.92,12.11]	0.95						
		PV5	16,330	-3.81	[-5.27,-2.36]	19.43	[17.10,21.76]	-3.01	[-19.42,13.40]	0.95						
		GRC														
		PV1	3,338	-5.15	[-8.42,-1.87]	21.38	[15.29,27.46]	0.38	[-17.16,17.93]	0.46						
DV: Math Achievement	**Low loading**	PV2	3,338	-4.86	[-8.16,-1.56]	18.15	[12.75,23.56]	-0.22	[-30.83,30.40]	0.92						
		PV3	3,338	-4.87	[-8.13,-1.62]	18.97	[13.05,24.88]	-6.12	[-25.57,13.33]	0.64						
		PV4	3,338	-4.19	[-7.48,-0.90]	17.31	[11.44,23.19]	-4.06	[-25.45,17.32]	0.68						
		PV5	3,338	-4.72	[-8.03,-1.42]	17.39	[11.34,23.44]	-6.81	[-27.09,13.48]	0.64						
		HKG														
		PV1	2,996	-4.91	[-8.72,-1.10]	24.84	[13.67,36.01]	-0.03	[-12.83,12.77]	0.18						
		PV2	2,996	-5.16	[-8.96,-1.35]	24.95	[13.73,36.16]	0.43	[-12.16,13.01]	0.10						
		PV3	2,996	-5.15	[-8.94,-1.36]	25.25	[14.19,36.30]	1.11	[-12.00,14.21]	0.18						
		PV4	2,996	-4.20	[-7.98,-0.41]	24.29	[13.74,34.85]	2.28	[-11.00,15.55]	0.22						
		PV5	2,996	-4.61	[-8.43,-0.79]	23.52	[12.53,34.51]	1.55	[-11.37,14.47]	0.21						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		HUN														
		PV1	3,120	-7.36	[-11.07,-3.65]	17.15	[11.70,22.60]	-43.50	[-94.68,7.69]	1.11						
		PV2	3,120	-6.89	[-10.59,-3.19]	16.72	[11.33,22.11]	-34.74	[-91.15,21.66]	1.15						
		PV3	**3,120**	**-7.34**	**[-11.03,-3.64]**	**16.10**	**[10.63,21.57]**	**-49.47**	**[-97.52,-1.42]**	**1.08**	**2,765**	**.15**	**[.10,.20]**	**405**	**-.14**	**[-.27,-.02]**
		PV4	3,120	-7.70	[-11.37,-4.02]	17.18	[11.76,22.60]	-44.30	[-94.85,6.24]	1.11						
		PV5	3,120	-7.03	[-10.71,-3.36]	18.07	[10.70,25.43]	-9.69	[-25.88,6.50]	0.47						
		IDN														
		PV1	3,651	-2.30	[-5.11,0.52]	6.88	[2.77,10.99]	25.61	[-51.87,103.10]	1.03						
DV: Math Achievement	**Low loading**	PV2	3,651	-2.49	[-5.28,0.31]	7.45	[3.18,11.71]	13.96	[-37.49,65.41]	0.87						
		PV3	3,651	-3.16	[-5.92,-0.40]	8.35	[3.92,12.77]	-11.04	[-48.85,26.76]	0.79						
		PV4	3,651	-2.70	[-5.47,0.08]	7.86	[3.38,12.33]	0.38	[-32.00,32.77]	0.76						
		PV5	3,651	-3.39	[-6.19,-0.60]	10.20	[5.45,14.96]	21.31	[-5.87,48.49]	0.62						
		JOR														
		PV1	4,460	1.95	[0.06,3.84]	-12.80	[-26.46,0.87]	11.43	[7.53,15.34]	-1.50						
		PV2	**4,460**	**1.89**	**[0.00,3.79]**	**-13.81**	**[-27.62,0.00]**	**11.24**	**[7.30,15.17]**	**-1.48**	**502**	**-.10**	**[-.21,.02]**	**4,022**	**.13**	**[.09,.17]**
		PV3	4,460	2.35	[0.46,4.23]	-8.66	[-21.37,4.05]	12.74	[8.72,16.75]	-1.44						
		PV4	4,460	2.34	[0.48,4.21]	-13.21	[-26.51,0.09]	11.63	[7.75,15.50]	-1.51						
		PV5	4,460	1.82	[-0.06,3.71]	10.13	[6.87,13.40]	-30.10	[-80.11,19.91]	0.77						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		JPN														
		PV1	4,049	-7.16	[-10.25,-4.06]	22.83	[16.42,29.25]	-6.42	[-23.33,10.49]	0.66						
		PV2	4,049	-6.58	[-9.68,-3.47]	21.82	[15.34,28.30]	-5.36	[-22.09,11.37]	0.67						
		PV3	4,049	-7.12	[-10.24,-4.00]	22.80	[16.33,29.27]	-8.69	[-26.21,8.84]	0.70						
		PV4	4,049	-7.21	[-10.33,-4.09]	23.17	[16.60,29.73]	-4.55	[-21.40,12.30]	0.65						
		PV5	4,049	-7.11	[-10.20,-4.03]	22.13	[15.79,28.47]	-8.91	[-26.41,8.59]	0.70						
		KAZ														
		PV1	3,838	0.38	[-2.29,3.05]	4.89	[1.11,8.68]	572.04	[306.76,837.31]	1.00						
DV: Math Achievement	**Low loading**	PV2	3,838	0.07	[-2.60,2.74]	2.82	[-3.67,9.30]	1.16	[-8.61,10.93]	0.02						
		PV3	3,838	0.71	[-1.94,3.36]	6.69	[-4.01,17.39]	6.33	[0.24,12.43]	-0.71						
		PV4	3,838	-0.01	[-2.69,2.68]	4.42	[0.63,8.21]	588.61	[51.50,1125.72]	1.04						
		PV5	3,838	0.64	[-2.01,3.29]	6.66	[-4.03,17.35]	3.52	[-2.24,9.29]	-0.76						
		KOR														
		PV1	3,327	-9.56	[-14.55,-4.58]	28.86	[20.93,36.80]	-24.08	[-54.39,6.22]	0.68						
		PV2	3,327	-9.87	[-14.85,-4.90]	28.33	[20.60,36.06]	-26.41	[-64.73,11.91]	0.82						
		PV3	3,327	-11.10	[-16.08,-6.12]	29.78	[22.04,37.52]	-30.37	[-67.76,7.03]	0.82						
		PV4	3,327	-9.79	[-14.78,-4.79]	29.77	[22.03,37.51]	-22.26	[-59.44,14.91]	0.78						
		PV5	3,327	-10.05	[-15.05,-5.04]	29.97	[22.21,37.73]	-22.96	[-56.41,10.50]	0.68						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	Low loading	**LTU**														
		PV1	2,992	-7.71	[-11.68,-3.73]	23.15	[14.65,31.66]	-14.36	[-29.96,1.25]	0.37						
		PV2	2,992	-6.59	[-10.63,-2.55]	26.08	[18.30,33.85]	0.36	[-18.47,19.19]	0.43						
		PV3	2,992	-6.33	[-10.34,-2.33]	23.58	[15.71,31.44]	-1.12	[-19.23,16.99]	0.43						
		PV4	2,992	-6.48	[-10.49,-2.46]	22.51	[14.71,30.31]	-5.51	[-24.54,13.52]	0.44						
		PV5	2,992	-6.33	[-10.33,-2.33]	24.85	[17.25,32.44]	0.68	[-19.09,20.46]	0.44						
		LUX														
		PV1	3,193	-3.72	[-6.86,-0.59]	9.72	[2.40,17.04]	-4.84	[-19.21,9.53]	0.42						
		PV2	3,193	-2.86	[-5.99,0.26]	7.24	[1.55,12.93]	-21.11	[-45.61,3.40]	0.92						
		PV3	3,193	-3.16	[-6.29,-0.04]	8.12	[2.64,13.60]	-17.30	[-47.36,12.76]	0.95						
		PV4	3,193	-3.90	[-7.03,-0.76]	11.93	[5.88,17.97]	1.17	[-20.13,22.47]	0.72						
		PV5	3,193	-2.87	[-5.98,0.25]	9.43	[4.17,14.69]	-10.38	[-46.38,25.61]	1.06						
		MAC														
		PV1	3,493	-1.84	[-6.15,2.46]	18.20	[11.20,25.20]	-3.60	[-32.30,25.10]	0.64						
		PV2	3,493	-2.06	[-6.30,2.18]	19.31	[12.39,26.23]	4.19	[-23.40,31.77]	0.62						
		PV3	3,493	-1.01	[-5.31,3.30]	16.44	[9.62,23.27]	1.43	[-28.11,30.97]	0.69						
		PV4	3,493	-0.71	[-4.99,3.57]	18.34	[10.95,25.73]	10.62	[-13.11,34.35]	0.51						
		PV5	3,493	-2.22	[-6.52,2.08]	17.51	[10.46,24.55]	-4.30	[-32.25,23.65]	0.64						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		MEX														
		PV1	22,054	-1.61	[-2.58,-0.65]	9.06	[7.19,10.92]	-2.33	[-9.04,4.39]	0.55						
		PV2	22,054	-1.67	[-2.64,-0.71]	9.43	[7.51,11.35]	-5.56	[-11.56,.43]	0.41						
		PV3	22,054	-1.24	[-2.21,-0.28]	8.22	[6.36,10.08]	-3.04	[-9.87,3.80]	0.56						
		PV4	22,054	-1.61	[-2.58,-0.65]	8.92	[7.03,10.82]	-3.25	[-9.61,3.10]	0.42						
		PV5	22,054	-1.30	[-2.27,-0.33]	8.79	[6.90,10.69]	-2.12	[-8.60,4.35]	0.42						
		MNE														
		PV1	3,022	-2.43	[-5.07,0.20]	9.16	[4.82,13.49]	-1.94	[-38.11,34.22]	0.87						
DV: Math Achievement	**Low loading**	PV2	3,022	-2.33	[-5.01,0.35]	7.76	[2.98,12.54]	-9.24	[-29.52,11.04]	0.46						
		PV3	3,022	-2.12	[-4.78,0.53]	7.59	[2.57,12.61]	-14.03	[-28.89,0.84]	0.44						
		PV4	3,022	-3.23	[-5.91,-0.55]	9.93	[4.72,15.15]	-15.48	[-30.24,-0.72]	0.44	1,806	.09	[.03,.15]	1,229	-.08	[-.15,-.01]
		PV5	3,022	-2.44	[-5.09,0.20]	6.74	[1.31,12.18]	-10.10	[-23.49,3.29]	0.41						
		MYS														
		PV1	3,354	-5.56	[-9.27,-1.85]	14.91	[3.71,26.12]	-8.70	[-18.19,0.78]	-0.27						
		PV2	3,354	-4.38	[-8.08,-0.67]	13.78	[5.32,22.24]	-6.34	[-18.72,6.05]	0.06						
		PV3	3,354	-4.58	[-8.26,-0.89]	16.73	[8.40,25.06]	-1.98	[-14.27,10.32]	0.07						
		PV4	3,354	-4.03	[-7.71,-0.35]	11.77	[1.45,22.09]	-6.36	[-16.49,3.77]	-0.18						
		PV5	3,354	-5.17	[-8.87,-1.47]	15.22	[3.68,26.76]	-8.20	[-17.36,0.96]	-0.27						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Turn	Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI		*n*	*r*	99%CI	*n*	*r*	99%CI
		NLD														
		PV1	2,803	-6.87	[-10.97,-2.77]	14.13	[6.18,22.08]	-18.82	[-35.53,-2.11]	0.45	1,965	.08	[.02,.14]	896	-.11	[-.20,-.03]
		PV2	2,803	-7.36	[-11.45,-3.27]	14.60	[6.55,22.65]	-23.68	[-40.88,-6.47]	0.45	1,965	.08	[.02,.14]	896	-.14	[-.22,-.05]
		PV3	2,803	-7.01	[-11.10,-2.93]	14.02	[6.17,21.88]	-22.38	[-39.48,-5.28]	0.45	1,965	.08	[.02,.14]	896	-.13	[-.21,-.04]
		PV4	2,803	-7.21	[-11.32,-3.11]	14.61	[6.78,22.44]	-21.73	[-39.02,-4.45]	0.45	1,965	.08	[.02,.14]	896	-.13	[-.21,-.04]
		PV5	2,803	-6.36	[-10.45,-2.27]	12.63	[4.59,20.67]	-19.40	[-36.62,-2.18]	0.45	1,965	.07	[.01,.13]	896	-.12	[-.20,-.03]
		PER														
		PV1	3,630	-5.42	[-8.72,-2.12]	11.78	[2.48,21.08]	-9.70	[-17.93,-1.48]	-0.30	1,212	.08	[.01,.16]	2,468	-.06	[-.11,-.01]
DV: Math Achievement	**Low loading**	PV2	3,630	-4.83	[-8.12,-1.55]	10.78	[1.31,20.25]	-8.60	[-16.75,-0.46]	-0.30	1,212	.08	[.00,.15]	2,468	-.06	[-.11,-.01]
		PV3	3,630	-4.44	[-7.77,-1.12]	9.60	[-0.04,19.23]	-8.26	[-16.63,0.10]	-0.30						
		PV4	3,630	-3.63	[-6.91,-0.35]	10.59	[0.55,20.63]	-3.65	[-11.22,3.92]	-0.50						
		PV5	3,630	-5.24	[-8.56,-1.92]	11.89	[2.48,21.29]	-9.44	[-17.83,-1.06]	-0.28	1,259	.07	[-.00,.14]	2,407	-.07	[-.12,-.01]
		QAT														
		PV1	**6,596**	**-3.62**	**[-5.48,-1.76]**	**12.48**	**[8.61,16.35]**	**-36.81**	**[-58.99,-14.63]**	**0.70**	**4,558**	**.13**	**[.09,.17]**	**2,112**	**-.10**	**[-.16,-.05]**
		PV2	**6,596**	**-3.84**	**[-5.70,-1.97]**	**13.35**	**[9.43,17.28]**	**-40.65**	**[-62.77,-18.54]**	**0.70**	**4,558**	**.14**	**[.10,.17]**	**2,112**	**-.11**	**[-.17,-.06]**
		PV3	**6,596**	**-3.78**	**[-5.66,-1.90]**	**13.58**	**[9.72,17.44]**	**-47.16**	**[-70.97,-23.35]**	**0.73**	**4,610**	**.14**	**[.10,.17]**	**2,060**	**-.12**	**[-.18,-.07]**
		PV4	**6,596**	**-3.87**	**[-5.74,-2.01]**	**12.73**	**[8.89,16.57]**	**-47.70**	**[-71.50,-23.90]**	**0.74**	**4,637**	**.13**	**[.09,.17]**	**2,033**	**-.12**	**[-.18,-.06]**
		PV5	**6,596**	**-4.13**	**[-6.00,-2.26]**	**13.81**	**[9.90,17.72]**	**-33.58**	**[-55.14,-12.02]**	**0.70**	**4,558**	**.14**	**[.10,.18]**	**2,112**	**-.11**	**[-.17,-.06]**

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		QCN														
		PV1	3,429	-8.20	[-14.96,-1.45]	16.92	[8.67,25.17]	-10.10	[-63.55,43.35]	0.64						
		PV2	3,429	-8.33	[-15.16,-1.49]	17.12	[7.19,27.04]	-7.29	[-36.00,21.42]	0.36						
		PV3	3,429	-8.93	[-15.75,-2.11]	14.82	[5.58,24.07]	-23.33	[-57.27,10.61]	0.45						
		PV4	3,429	-8.40	[-15.29,-1.50]	14.56	[6.15,22.98]	-35.11	[-91.05,20.82]	0.69						
		PV5	3,429	-9.69	[-16.54,-2.84]	15.27	[5.91,24.64]	-31.70	[-67.41,4.00]	0.50						
		ROU														
		PV1	3,338	-6.19	[-8.73,-3.64]	16.63	[9.08,24.18]	-11.28	[-19.00,-3.56]	-0.21	1,332	.16	[.09,.23]	2,019	-.09	[-.15,-.03]
DV: Math Achievement	**Low loading**	PV2	3,338	-6.19	[-8.75,-3.63]	18.97	[11.54,26.39]	-7.53	[-15.91,0.85]	-0.17						
		PV3	3,338	-5.85	[-8.40,-3.31]	18.20	[10.70,25.69]	-7.45	[-15.28,0.37]	-0.21						
		PV4	3,338	-6.59	[-9.14,-4.04]	21.38	[14.38,28.39]	-6.89	[-15.68,1.89]	-0.16						
		PV5	3,338	-5.64	[-8.17,-3.11]	16.90	[10.28,23.53]	-7.09	[-16.91,2.72]	0.03						
		SGP														
		PV1	**3,672**	**-10.69**	**[-15.31,-6.06]**	**21.54**	**[9.17,33.91]**	**-22.98**	**[-35.30,-10.66]**	**-0.11**	**1,531**	**.11**	**[.04,.17]**	**2,168**	**-.10**	**[-.16,-.05]**
		PV2	3,672	-10.39	[-14.99,-5.78]	19.58	[7.35,31.81]	-23.96	[-36.13,-11.79]	-0.11	1,531	.09	[.03,.16]	2,168	-.11	[-.16,-.05]
		PV3	**3,672**	**-11.03**	**[-15.69,-6.37]**	**20.58**	**[8.20,32.96]**	**-25.38**	**[-37.98,-12.78]**	**-0.11**	**1,531**	**.10**	**[.03,.16]**	**2,168**	**-.12**	**[-.17,-.06]**
		PV4	3,672	-9.92	[-14.52,-5.32]	17.21	[5.05,29.37]	-23.73	[-36.15,-11.31]	-0.10	1,560	.09	[.02,.15]	2,131	-.10	[-.16,-.05]
		PV5	3,672	-10.08	[-14.74,-5.41]	18.77	[6.36,31.17]	-23.35	[-35.88,-10.81]	-0.10	1,560	.09	[.03,.16]	2,131	-.10	[-.16,-.05]

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		SRB														
		PV1	3,007	-3.81	[-6.97,-0.64]	10.42	[1.35,19.48]	-3.59	[-13.69,6.50]	-0.06						
		PV2	3,007	-3.84	[-7.04,-0.63]	12.38	[3.20,21.56]	-2.29	[-12.12,7.54]	-0.08						
		PV3	3,007	-3.80	[-7.01,-0.59]	12.27	[2.62,21.93]	-1.99	[-11.67,7.69]	-0.12						
		PV4	3,007	-3.63	[-6.83,-0.43]	8.99	[0.01,17.98]	-3.97	[-13.95,6.01]	-0.09						
		PV5	3,007	-4.35	[-7.54,-1.15]	10.92	[1.65,20.19]	-6.55	[-16.64,3.53]	-0.09						
		SVN														
		PV1	3,683	-6.99	[-10.36,-3.62]	11.94	[4.50,19.37]	-16.84	[-29.83,-3.85]	0.28	2,224	.09	[.03,.14]	1,515	-.07	[-.14,-.01]
DV: Math Achievement	**Low loading**	PV2	3,683	-6.73	[-10.12,-3.35]	11.06	[3.78,18.33]	-19.53	[-32.65,-6.42]	0.30	2,293	.08	[.03,.13]	1,488	-.09	[-.15,-.02]
		PV3	3,683	-6.70	[-10.10,-3.30]	12.62	[5.33,19.90]	-18.09	[-31.82,-4.35]	0.31	2,325	.09	[.04,.15]	1,413	-.07	[-.14,-.00]
		PV4	3,683	-6.95	[-10.33,-3.57]	11.57	[4.17,18.96]	-17.50	[-30.56,-4.45]	0.30	2,293	.09	[.03,.14]	1,488	-.08	[-.15,-.01]
		PV5	3,683	-7.19	[-10.57,-3.82]	12.12	[4.98,19.27]	-19.53	[-32.57,-6.49]	0.30	2,293	.09	[.04,.14]	1,488	-.08	[-.15,-.02]
		THA														
		PV1	4,369	-2.83	[-6.10,0.44]	19.56	[14.13,24.98]	-33.68	[-73.25,5.89]	0.83						
		PV2	4,369	-2.49	[-5.79,0.80]	18.46	[13.27,23.65]	-27.68	[-73.96,18.60]	0.85						
		PV3	4,369	-3.23	[-6.50,0.04]	20.08	[14.55,25.61]	-6.13	[-41.52,29.27]	0.75						
		PV4	4,369	-3.62	[-6.89,-0.35]	19.22	[13.76,24.67]	-23.57	[-63.41,16.27]	0.81						
		PV5	4,369	-3.10	[-6.36,0.17]	18.87	[13.51,24.23]	-21.62	[-60.48,17.24]	0.81						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		TUN														
		PV1	2,744	2.17	[-0.81,5.15]	2.92	[-3.21,9.05]	14.49	[0.82,28.16]	0.22						
		PV2	2,744	2.46	[-0.56,5.47]	1.44	[-4.86,7.74]	15.06	[1.73,28.39]	0.17						
		PV3	2,744	2.32	[-0.65,5.30]	2.66	[-4.09,9.40]	14.84	[2.66,27.02]	0.12						
		PV4	2,744	1.33	[-1.65,4.31]	7.73	[-11.21,26.66]	6.32	[0.90,11.74]	-1.27						
		PV5	2,744	1.83	[-1.10,4.76]	3.01	[-3.34,9.37]	16.50	[4.04,28.96]	0.12						
		TUR														
		PV1	3,173	-6.90	[-10.23,-3.56]	18.59	[8.32,28.85]	-16.47	[-27.12,-5.82]	-0.14	1,162	.15	[.08,.22]	2,037	-.09	[-.15,-.03]
DV: Math Achievement	**Low loading**	PV2	3,173	-6.00	[-9.34,-2.67]	21.46	[10.74,32.18]	-9.93	[-19.92,0.05]	-0.33						
		PV3	**3,173**	**-7.18**	**[-10.49,-3.87]**	**18.74**	**[8.82,28.65]**	**-17.65**	**[-28.27,-7.03]**	**-0.14**	**1,162**	**.16**	**[.08,.23]**	**2,037**	**-.10**	**[-.15,-.04]**
		PV4	3,173	-6.33	[-9.67,-2.99]	17.24	[7.26,27.22]	-15.62	[-26.23,-5.01]	-0.14	1,162	.14	[.07,.22]	2,037	-.09	[-.14,-.03]
		PV5	3,173	-5.86	[-9.18,-2.54]	16.19	[6.61,25.78]	-16.25	[-27.16,-5.34]	-0.12	1,217	.14	[.07,.21]	1,981	-.09	[-.15,-.03]
		URY														
		PV1	3,334	-5.03	[-7.91,-2.15]	15.73	[9.35,22.12]	-5.02	[-18.25,8.21]	0.27						
		PV2	3,334	-5.23	[-8.11,-2.35]	16.09	[8.71,23.48]	-7.08	[-17.96,3.79]	0.01						
		PV3	3,334	-5.10	[-7.99,-2.21]	14.93	[7.68,22.18]	-7.67	[-18.38,3.05]	0.01						
		PV4	3,334	-4.91	[-7.80,-2.03]	14.26	[7.89,20.62]	-11.61	[-24.21,0.99]	0.27						
		PV5	3,334	-5.11	[-7.98,-2.25]	14.55	[8.03,21.06]	-8.26	[-20.12,3.61]	0.21						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Turn	Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI		*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	Low loading	**VNM**														
		PV1	3,254	-5.56	[-9.46,-1.66]	11.24	[3.16,19.33]	-19.68	[-32.80,-6.56]	0.10	1,666	.08	[.02,.15]	1,600	-.10	[-.16,-.03]
		PV2	3,254	-6.05	[-9.99,-2.12]	12.99	[5.10,20.88]	-18.66	[-31.98,-5.34]	0.10	1,666	.10	[.04,.16]	1,600	-.09	[-.15,-.03]
		PV3	3,254	-6.07	[-10.04,-2.10]	12.11	[4.03,20.20]	-20.48	[-34.04,-6.92]	0.10	1,666	.09	[.03,.15]	1,600	-.10	[-.16,-.03]
		PV4	3,254	-5.40	[-9.38,-1.42]	8.94	[0.51,17.38]	-19.95	[-33.29,-6.61]	0.10	1,666	.09	[.03,.16]	1,600	-.09	[-.15,-.02]
		PV5	3,254	-5.00	[-8.94,-1.06]	8.11	[-0.29,16.50]	-18.26	[-31.39,-5.13]	0.10						
	High loading	**USA**														
		PV1	6,553	-2.21	[-4.95,0.54]	17.03	[12.78,21.27]	-7.41	[-28.61,13.79]	0.70						
		PV2	6,553	-1.98	[-4.74,0.79]	16.98	[12.92,21.04]	-7.87	[-33.83,18.08]	0.78						
		PV3	6,553	-2.32	[-5.07,0.44]	17.59	[13.47,21.70]	-2.34	[-27.14,22.47]	0.76						
		PV4	6,553	-1.87	[-4.62,0.89]	16.86	[12.81,20.92]	-10.99	[-36.62,14.63]	0.78						
		PV5	6,553	-1.57	[-4.33,1.19]	16.57	[12.42,20.71]	-6.89	[-32.07,18.30]	0.77						
		AUS														
		PV1	9,199	-2.21	[-4.62,0.21]	25.54	[22.09,28.99]	1.10	[-29.06,31.26]	1.04						
		PV2	9,199	-2.12	[-4.52,0.28]	25.58	[22.18,28.98]	9.49	[-22.65,41.62]	1.06						
		PV3	9,199	-1.93	[-4.34,0.48]	25.58	[22.17,28.99]	6.08	[-24.52,36.67]	1.04						
		PV4	9,199	-2.45	[-4.87,-0.02]	25.52	[22.08,28.96]	7.20	[-23.55,37.96]	1.04						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		PV5	9,199	-2.62	[-5.03,-0.21]	26.48	[23.04,29.92]	7.19	[-22.92,37.30]	1.04						
		AUT														
		PV1	3,065	-1.76	[-6.20,2.68]	10.47	[4.60,16.35]	-5.79	[-49.11,37.53]	0.92						
		PV2	3,065	-1.56	[-6.00,2.88]	8.23	[2.42,14.04]	-16.39	[-60.35,27.57]	0.96						
		PV3	3,065	-0.61	[-5.05,3.83]	8.43	[2.36,14.49]	-3.60	[-45.42,38.22]	0.92						
		PV4	3,065	-0.13	[-4.58,4.32]	8.25	[2.35,14.15]	-15.36	[-61.98,31.25]	0.96						
		PV5	3,065	-0.06	[-4.49,4.36]	9.02	[3.05,15.00]	-0.24	[-43.79,43.32]	0.92						
		BEL														
DV: Math Achievement	**High loading**	**PV1**	**5,230**	**-10.47**	**[-13.62,-7.33]**	**23.62**	**[17.82,29.43]**	**-26.69**	**[-42.61,-10.78]**	**0.61**	**3,997**	**.17**	**[.13,.21]**	**1,441**	**-.11**	**[-.18,-.04]**
		PV2	**5,230**	**-10.17**	**[-13.32,-7.03]**	**21.51**	**[15.54,27.48]**	**-28.35**	**[-43.73,-12.97]**	**0.60**	**3,939**	**.15**	**[.11,.19]**	**1,499**	**-.13**	**[-.19,-.06]**
		PV3	**5,230**	**-10.58**	**[-13.73,-7.44]**	**22.99**	**[17.15,28.83]**	**-28.97**	**[-44.21,-13.72]**	**0.61**	**3,997**	**.17**	**[.13,.21]**	**1,441**	**-.11**	**[-.18,-.04]**
		PV4	**5,230**	**-10.41**	**[-13.56,-7.27]**	**22.99**	**[16.98,28.99]**	**-24.25**	**[-39.30,-9.21]**	**0.60**	**3,939**	**.16**	**[.12,.20]**	**1,499**	**-.12**	**[-.18,-.05]**
		PV5	**5,230**	**-10.89**	**[-14.05,-7.74]**	**24.68**	**[18.83,30.54]**	**-29.23**	**[-44.94,-13.51]**	**0.61**	**3,997**	**.18**	**[.14,.22]**	**1,441**	**-.11**	**[-.17,-.04]**
		CAN														
		PV1	13,921	0.74	[-0.98,2.47]	20.64	[18.05,23.23]	3.25	[-17.72,24.22]	0.95						
		PV2	13,921	0.99	[-0.73,2.72]	20.49	[17.91,23.07]	1.46	[-20.24,23.16]	0.95						
		PV3	13,921	0.66	[-1.07,2.39]	20.79	[18.18,23.40]	10.46	[-11.79,32.71]	0.97						
		PV4	13,921	0.69	[-1.03,2.42]	20.59	[18.00,23.18]	-0.82	[-20.96,19.33]	0.92						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		PV5	13,921	0.74	[-0.99,2.48]	20.73	[18.14,23.32]	4.36	[-16.76,25.49]	0.94						
		CHE														
		PV1	7,187	-7.38	[-10.19,-4.56]	16.99	[11.40,22.58]	-15.92	[-27.29,-4.55]	0.39	4,935	.10	[.07,.14]	2,456	-.06	[-.11,-.01]
		PV2	7,187	-6.47	[-9.28,-3.67]	15.51	[9.88,21.14]	-13.81	[-25.06,-2.56]	0.37	4,890	.10	[.06,.13]	2,501	-.05	[-.11,-.00]
		PV3	7,187	-7.15	[-9.98,-4.33]	15.55	[9.98,21.13]	-15.16	[-26.99,-3.33]	0.40	4,999	.10	[.07,.14]	2,392	-.06	[-.11,-.00]
		PV4	7,187	-6.93	[-9.76,-4.11]	15.64	[9.93,21.34]	-14.87	[-26.34,-3.40]	0.39	4,935	.10	[.06,.14]	2,456	-.06	[-.11,-.01]
		PV5	7,187	-6.56	[-9.39,-3.74]	15.95	[10.36,21.53]	-13.06	[-24.49,-1.63]	0.39						
		CZE														
DV: Math Achievement	**High loading**	PV1	3,425	-4.52	[-9.03,-0.00]	13.62	[5.38,21.86]	-9.81	[-28.18,8.56]	0.50						
		PV2	3,425	-6.50	[-11.04,-1.96]	17.53	[8.30,26.75]	-7.53	[-23.81,8.75]	0.32						
		PV3	3,425	-5.16	[-9.72,-0.61]	15.58	[6.65,24.51]	-6.44	[-23.05,10.17]	0.37						
		PV4	3,425	-5.04	[-9.57,-0.51]	15.48	[6.49,24.48]	-5.95	[-22.73,10.82]	0.37						
		PV5	3,425	-5.73	[-10.27,-1.19]	16.69	[7.99,25.40]	-6.83	[-24.35,10.70]	0.39						
		DEU														
		PV1	2,565	-7.85	[-12.85,-2.84]	23.14	[14.20,32.09]	-3.49	[-25.85,18.87]	0.44						
		PV2	2,565	-7.08	[-12.06,-2.10]	20.96	[12.63,29.29]	-7.87	[-31.03,15.28]	0.51						
		PV3	2,565	-7.34	[-12.35,-2.34]	22.94	[14.41,31.47]	-4.65	[-27.90,18.60]	0.51						
		PV4	2,565	-7.76	[-12.74,-2.78]	23.99	[15.55,32.44]	0.70	[-22.79,24.19]	0.51						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		PV5	2,565	-6.78	[-11.76,-1.81]	22.06	[13.95,30.17]	-8.78	[-33.64,16.09]	0.55						
		DNK														
		PV1	4,644	-6.00	[-8.94,-3.06]	25.94	[19.27,32.60]	4.00	[-6.10,14.10]	0.20						
		PV2	4,644	-6.31	[-9.23,-3.38]	25.71	[19.37,32.04]	2.37	[-8.38,13.12]	0.26						
		PV3	4,644	-5.31	[-8.23,-2.40]	22.84	[16.75,28.92]	2.15	[-9.16,13.46]	0.33						
		PV4	4,644	-5.37	[-8.31,-2.43]	25.03	[19.24,30.81]	4.91	[-7.96,17.78]	0.43						
		PV5	4,644	-6.04	[-8.96,-3.12]	25.00	[18.73,31.27]	2.74	[-8.63,14.11]	0.31						
		EST														
DV: Math Achievement	**High loading**	PV1	3,096	-0.13	[-4.74,4.49]	5.32	[-0.98,11.63]	-25.26	[-63.95,13.43]	0.77						
		PV2	3,096	0.45	[-4.21,5.11]	4.65	[-2.57,11.87]	-16.69	[-40.50,7.12]	0.49						
		PV3	3,096	-0.91	[-5.54,3.71]	5.57	[-1.35,12.49]	-18.27	[-43.71,7.18]	0.55						
		PV4	3,096	-0.20	[-4.77,4.37]	5.29	[-0.91,11.50]	-29.22	[-69.34,10.90]	0.78						
		PV5	3,096	-0.09	[-4.76,4.58]	3.89	[-3.14,10.91]	-24.44	[-51.73,2.85]	0.57						
		FIN														
		PV1	5,632	-1.58	[-4.40,1.24]	22.73	[18.22,27.23]	17.98	[-1.49,37.45]	0.77						
		PV2	5,632	-1.78	[-4.61,1.04]	23.09	[18.96,27.22]	18.13	[-9.39,45.66]	0.94						
		PV3	5,632	-1.48	[-4.30,1.35]	22.31	[17.77,26.85]	15.03	[-3.86,33.92]	0.76						
		PV4	5,632	-1.76	[-4.59,1.06]	23.60	[19.06,28.14]	18.11	[-0.31,36.52]	0.72						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		PV5	5,632	-1.61	[-4.44,1.21]	23.22	[18.61,27.84]	14.28	[-4.12,32.67]	0.71						
		FRA														
		PV1	2,856	-6.17	[-9.97,-2.38]	22.47	[16.17,28.78]	9.59	[-17.65,36.83]	0.90						
		PV2	2,856	-6.38	[-10.17,-2.60]	24.38	[16.48,32.27]	-2.30	[-18.18,13.58]	0.44						
		PV3	2,856	-5.83	[-9.63,-2.02]	23.42	[16.10,30.74]	6.85	[-12.12,25.82]	0.57						
		PV4	2,856	-6.27	[-10.05,-2.48]	24.89	[16.98,32.79]	3.04	[-13.16,19.24]	0.47						
		PV5	2,856	-5.99	[-9.79,-2.19]	21.86	[15.18,28.53]	2.04	[-21.23,25.31]	0.77						
		GBR														
DV: Math Achievement	**High loading**	PV1	7,839	-0.87	[-3.40,1.66]	20.96	[17.50,24.41]	1.38	[-31.79,34.56]	1.06						
		PV2	7,839	-1.88	[-4.41,0.66]	21.86	[18.38,25.35]	-3.21	[-35.25,28.83]	1.04						
		PV3	7,839	-1.92	[-4.44,0.61]	21.91	[18.46,25.36]	1.23	[-30.37,32.83]	1.04						
		PV4	7,839	-1.82	[-4.35,0.72]	22.54	[19.10,25.99]	-2.47	[-33.56,28.61]	1.04						
		PV5	7,839	-1.44	[-3.98,1.10]	21.47	[17.98,24.97]	1.83	[-30.79,34.46]	1.06						
		HRV														
		PV1	3,289	-6.14	[-9.44,-2.84]	16.14	[8.15,24.12]	-9.89	[-20.72,0.93]	0.13						
		PV2	3,289	-6.46	[-9.79,-3.13]	16.71	[8.54,24.89]	-10.72	[-21.13,-0.31]	0.13	1,940	.12	[.06,.18]	1,369	-.07	[-.14,-.00]
		PV3	3,289	-6.82	[-10.18,-3.46]	17.76	[9.50,26.03]	-12.03	[-23.01,-1.05]	0.14	1,968	.13	[.07,.18]	1,353	-.08	[-.15,-.01]
		PV4	3,289	-6.15	[-9.48,-2.83]	15.59	[7.54,23.64]	-10.90	[-21.58,-.22]	0.14	1,968	.11	[.05,.17]	1,353	-.07	[-.14,-.00]

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		PV5	3,289	-5.55	[-8.91,-2.20]	14.87	[6.55,23.20]	-8.78	[-19.23,1.67]	0.07						
		IRL														
		PV1	3,268	-4.39	[-7.81,-0.97]	19.24	[13.96,24.52]	-24.96	[-63.62,13.70]	0.94						
		PV2	3,268	-4.49	[-7.90,-1.08]	18.39	[12.88,23.89]	-15.40	[-47.28,16.49]	0.86						
		PV3	3,268	-4.33	[-7.74,-0.92]	17.89	[12.42,23.36]	-22.37	[-54.63,9.89]	0.88						
		PV4	3,268	-4.54	[-7.97,-1.10]	19.57	[14.24,24.91]	-30.65	[-66.18,4.87]	0.91						
		PV5	3,268	-4.56	[-7.99,-1.14]	18.62	[13.32,23.92]	-28.90	[-64.20,6.41]	0.91						
		ISL														
DV: Math Achievement	**High loading**	PV1	2,174	0.34	[-4.12,4.80]	24.96	[18.54,31.39]	9.83	[-41.08,60.73]	1.06						
		PV2	2,174	0.31	[-4.12,4.73]	24.68	[18.09,31.27]	16.06	[-38.99,71.12]	1.10						
		PV3	2,174	-1.28	[-5.67,3.10]	25.90	[19.46,32.34]	11.39	[-39.56,62.35]	1.05						
		PV4	2,174	-0.31	[-4.76,4.15]	26.29	[19.92,32.66]	-0.02	[-55.62,55.58]	1.10						
		PV5	2,174	-0.27	[-4.71,4.18]	26.03	[19.46,32.60]	4.91	[-49.73,59.54]	1.10						
		ISR														
		PV1	**3,097**	**-6.24**	**[-9.84,-2.64]**	**12.40**	**[1.82,22.98]**	**-16.01**	**[-26.38,-5.63]**	**-0.18**	**1,239**	**.10**	**[.03,.17]**	**1,927**	**-.12**	**[-.18,-.06]**
		PV2	**3,097**	**-5.84**	**[-9.44,-2.25]**	**11.67**	**[1.05,22.29]**	**-14.45**	**[-24.68,-4.22]**	**-0.17**	**1,243**	**.10**	**[.03,.17]**	**1,923**	**-.11**	**[-.17,-.05]**
		PV3	**3,097**	**-6.42**	**[-9.98,-2.86]**	**13.44**	**[2.60,24.28]**	**-14.98**	**[-25.03,-4.93]**	**-0.22**	**1,217**	**.11**	**[.04,.19]**	**1,950**	**-.11**	**[-.17,-.06]**
		PV4	3,097	-6.02	[-9.60,-2.44]	10.33	[0.60,20.05]	-16.26	[-27.64,-4.89]	-0.05	1,338	.09	[.02,.16]	1,832	-.12	[-.18,-.06]

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		PV5	3,097	-6.43	[-10.08,-2.79]	11.35	[-0.05,22.76]	-17.83	[-27.84,-7.82]	-0.27						
		ITA														
		PV1	20,224	-7.79	[-9.26,-6.32]	22.00	[18.40,25.59]	-8.54	[-13.25,-3.83]	0.08	11,203	.15	[.12,.17]	9,334	-.05	[-.08,-.02]
		PV2	20,224	-7.70	[-9.17,-6.24]	24.08	[20.57,27.59]	-7.50	[-12.37,-2.64]	0.11	11,336	.15	[.13,.17]	9,122	-.05	[-.07,-.02]
		PV3	20,224	-7.52	[-8.99,-6.06]	22.87	[19.40,26.35]	-5.24	[-10.25,-0.23]	0.12	11,628	.16	[.13,.18]	8,830	-.03	[-.06,-.00]
		PV4	20,224	-7.72	[-9.19,-6.25]	23.99	[20.50,27.48]	-7.58	[-12.44,-2.72]	0.11	11,336	.15	[.13,.17]	9,122	-.05	[-.07,-.02]
		PV5	20,224	-7.68	[-9.15,-6.21]	23.15	[19.78,26.51]	-4.32	[-9.64,1.00]	0.19						
		LVA														
DV: Math Achievement	**High loading**	PV1	2,821	-4.69	[-9.43,0.05]	19.64	[12.92,26.35]	-14.22	[-42.15,13.71]	0.77						
		PV2	2,821	-4.72	[-9.48,0.03]	19.70	[12.63,26.76]	-21.72	[-46.33,2.88]	0.72						
		PV3	2,821	-4.74	[-9.40,-0.09]	18.92	[12.48,25.36]	-14.63	[-49.45,20.20]	0.83						
		PV4	2,821	-5.69	[-10.41,-0.97]	21.17	[14.56,27.78]	-13.19	[-41.53,15.15]	0.77						
		PV5	2,821	-4.39	[-9.14,0.36]	19.47	[13.00,25.94]	-17.96	[-52.71,16.78]	0.82						
		NOR														
		PV1	2,943	-2.14	[-5.41,1.14]	27.16	[21.65,32.67]	22.14	[-7.59,51.87]	1.01						
		PV2	2,943	-1.99	[-5.27,1.29]	26.36	[20.47,32.24]	19.88	[-6.42,46.18]	0.94						
		PV3	2,943	-2.25	[-5.55,1.05]	27.52	[22.12,32.92]	17.04	[-14.27,48.34]	1.04						
		PV4	2,943	-2.00	[-5.28,1.28]	27.01	[21.64,32.38]	17.12	[-15.11,49.34]	1.04						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		PV5	2,943	-1.73	[-5.06,1.60]	26.02	[20.21,31.83]	21.71	[-5.63,49.05]	0.94						
		NZL														
		PV1	2,570	-1.45	[-6.12,3.22]	23.73	[16.99,30.47]	-5.76	[-53.61,42.09]	0.98						
		PV2	2,570	-1.74	[-6.36,2.87]	24.94	[18.46,31.42]	-5.81	[-56.48,44.87]	1.04						
		PV3	2,570	-1.24	[-5.90,3.42]	23.65	[16.96,30.35]	-3.53	[-53.86,46.80]	1.04						
		PV4	2,570	-1.09	[-5.74,3.57]	24.51	[17.98,31.04]	1.91	[-49.33,53.16]	1.05						
		PV5	2,570	-1.10	[-5.78,3.58]	24.71	[18.04,31.37]	-2.48	[-53.90,48.93]	1.05						
		POL														
DV: Math Achievement	**High loading**	PV1	2,989	-0.93	[-4.45,2.58]	22.84	[17.62,28.06]	1.05	[-46.05,48.14]	1.23						
		PV2	2,989	-0.26	[-3.77,3.24]	22.95	[17.89,28.01]	3.18	[-44.66,51.02]	1.23						
		PV3	2,989	-0.59	[-4.11,2.92]	21.61	[16.40,26.82]	1.73	[-41.36,44.82]	1.21						
		PV4	2,989	-0.81	[-4.32,2.71]	22.81	[17.65,27.96]	-5.32	[-52.87,42.23]	1.23						
		PV5	2,989	-1.05	[-4.56,2.46]	23.35	[18.11,28.60]	-5.55	[-46.88,35.78]	1.18						
		PRT														
		PV1	3,665	1.18	[-2.28,4.63]	11.94	[6.00,17.88]	1.40	[-21.81,24.60]	0.52						
		PV2	3,665	2.08	[-1.37,5.53]	11.62	[5.78,17.46]	3.78	[-21.55,29.12]	0.52						
		PV3	3,665	1.37	[-2.08,4.82]	11.19	[5.13,17.25]	0.04	[-21.49,21.56]	0.49						
		PV4	3,665	1.75	[-1.70,5.20]	11.30	[5.36,17.24]	3.74	[-19.90,27.39]	0.52						

Table S12 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		PV5	3,665	1.36	[-2.06,4.79]	11.35	[5.19,17.52]	5.96	[-14.35,26.27]	0.47						
		SVK														
		PV1	3,000	-4.13	[-8.51,.26]	19.80	[9.45,30.14]	4.83	[-8.40,18.05]	0.10						
		PV2	3,000	-3.26	[-7.59,1.07]	12.07	[2.70,21.45]	1.19	[-13.77,16.14]	0.19						
		PV3	3,000	-4.00	[-8.35,0.35]	25.47	[10.85,40.08]	3.20	[-6.92,13.32]	-0.30						
		PV4	3,000	-4.18	[-8.47,0.10]	22.84	[8.65,37.03]	1.36	[-8.84,11.56]	-0.28						
		PV5	3,000	-4.32	[-8.67,0.03]	26.16	[10.39,41.93]	1.12	[-8.08,10.32]	-0.42						
		SWE														
DV: Math Achievement	**High loading**	PV1	2,946	-2.78	[-6.47,0.91]	20.42	[14.59,26.24]	-17.30	[-47.28,12.67]	0.93						
		PV2	2,946	-3.17	[-6.91,0.58]	18.40	[12.63,24.18]	-32.18	[-66.19,1.83]	1.00						
		PV3	2,946	-2.76	[-6.47,0.94]	18.89	[13.07,24.71]	-24.01	[-54.94,6.92]	0.94						
		PV4	2,946	-3.25	[-6.98,0.47]	19.84	[14.01,25.68]	-27.01	[-59.16,5.14]	0.97						
		PV5	2,946	-2.97	[-6.64,0.70]	21.64	[16.31,26.97]	-17.06	[-62.62,28.49]	1.12						
		TAP														
		PV1	3,994	-11.00	[-15.71,-6.28]	34.64	[23.81,45.48]	-6.89	[-22.18,8.41]	0.19						
		PV2	3,994	-10.73	[-15.43,-6.02]	36.01	[25.44,46.58]	-6.45	[-21.86,8.96]	0.23						
		PV3	3,994	-10.61	[-15.35,-5.88]	35.42	[24.34,46.50]	-3.20	[-18.46,12.06]	0.18						
		PV4	3,994	-10.47	[-15.15,-5.78]	37.72	[27.68,47.77]	-0.19	[-17.42,17.04]	0.34						
		PV5	3,994	-10.71	[-15.40,-6.02]	36.56	[26.31,46.81]	-4.36	[-21.09,12.36]	0.29						

Note. N/n = sample size; b_1 = the quadratic term of the Perseverance factor in the quadratic regression model; CI = confidence interval; c_1 = the slope before the turning point of the potential U-shaped curve; c_2 = the slope after the tuning point of the potential U-shaped curve; Turn = the turning point of the potential U-shaped curve; DV = dependent variable; PV = a plausible value of math achievement; Low loading = countries/regions with low (i.e., $\lambda < .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; High loading = countries/regions with higher (i.e., $\lambda \geq .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; USA = United States of America; ALB = Albania; ARE = United Arab Emirates; ARG = Argentina; AUS = Australia; AUT = Austria; BEL = Belgium; BGR = Bulgaria; BRA = Brazil; CAN = Canada; CHE = Switzerland; CHL = Chile; COL = Colombia; CRI = Costa Rica; CZE = Czech Republic; DEU = Germany; DNK = Denmark; ESP = Spain; EST = Estonia; FIN = Finland; FRA = France; GBR = United Kingdom; GRC = Greece; HKG = Hong Kong-China; HRV = Croatia; HUN = Hungary; IDN = Indonesia; IRL = Ireland; ISL = Iceland; ISR = Israel; ITA = Italy; JOR = Jordan; JPN = Japan; KAZ = Kazakhstan; KOR = Korea; LTU = Lithuania; LUX = Luxembourg; LVA = Latvia; MAC = Macao-China; MEX = Mexico; MNE = Montenegro; MYS = Malaysia; NLD = Netherlands; NOR = Norway; NZL = New Zealand; PER = Peru; POL = Poland; PRT = Portugal; QAT = Qatar; QCN = Shanghai-China; ROU = Romania; SGP = Singapore; SRB = Serbia; SVK = Slovak Republic; SVN = Slovenia; SWE = Sweden; TAP = Chinese Taipei; THA = Thailand; TUN = Tunisia; TUR = Turkey; URY = Uruguay; VNM = Vietnam.

U-shaped relationships that are both statistically significant at the .01 level and considered important are marked in bold.

[1] Correlations before and after turn were computed only for conditions where a significant U-shaped relationship was found.

Table S13

Results of Curvilinear Relationship Analyses for the Perseverance Factor Without Controlling for Gender and SES for 62 Countries/Regions

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		ALB	2,579	0.02	[-0.01,0.04]	-0.09	[-0.14,-0.05]	0.33	[0.09,0.56]	0.60						
		ARE	7,303	0.00	[-0.01,0.02]	-0.05	[-0.07,-0.03]	-0.31	[-1.06,0.45]	0.91						
		ARG	3,614	0.00	[-0.02,0.02]	-0.05	[-0.09,-0.01]	0.01	[-0.23,0.26]	0.89						
		BGR	3,347	0.03	[0.01,0.05]	-0.11	[-0.15,-0.07]	-0.01	[-0.17,0.14]	0.57						
		BRA	12,061	0.00	[-0.01,0.01]	-0.04	[-0.05,-0.03]	-0.73	[-1.52,0.06]	1.36						
		CHL	4,477	0.00	[-0.01,0.02]	-0.05	[-0.07,-0.03]	-0.10	[-0.46,0.26]	1.09						
DV: Truancy	**Low loading**	COL	5,515	0.01	[0.00,0.02]	-0.03	[-0.05,-0.02]	-0.06	[-0.20,0.09]	0.93						
		CRI	2,852	0.00	[-0.03,0.02]	-0.06	[-0.10,-0.03]	-0.40	[-1.10,0.29]	1.08						
		ESP	16,379	0.02	[0.01,0.03]	-0.08	[-0.10,-0.07]	-0.01	[-0.10,0.08]	0.95						
		GRC	3,341	0.04	[0.02,0.07]	-0.14	[-0.19,-0.09]	0.05	[-0.09,0.19]	0.67						
		HKG	3,061	0.00	[-0.01,0.01]	-0.01	[-0.03,0.02]	0.01	[-0.02,0.04]	0.26						
		HUN	3,161	0.03	[0.01,0.04]	-0.12	[-0.20,-0.04]	0.00	[-0.03,0.04]	-0.37						
		IDN	3,613	0.00	[-0.01,0.02]	-0.02	[-0.05,0.00]	-0.19	[-0.54,0.17]	0.98						
		JOR	4,416	0.00	[-0.02,0.01]	-0.06	[-0.09,-0.04]	-0.03	[-0.45,0.39]	0.82						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression							Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Truancy	Low loading	JPN	4,153	0.01	[0.01,0.02]	-0.04	[-0.06,-0.02]	0.00	[-0.03,0.02]	0.53						
		KAZ	3,837	-0.01	[-0.03,0.00]	-0.02	[-0.10,0.06]	-0.07	[-0.10,-0.04]	-0.95						
		KOR	3,346	0.02	[0.01,0.04]	-0.06	[-0.09,-0.02]	-0.01	[-0.08,0.06]	0.59						
		LTU	3,018	0.02	[0.00,0.04]	-0.07	[-0.11,-0.03]	-0.01	[-0.21,0.18]	0.88						
		LUX	3,382	0.02	[0.00,0.03]	-0.07	[-0.11,-0.03]	0.00	[-0.06,0.05]	0.45						
		MAC	3,529	0.01	[0.00,0.03]	-0.04	[-0.07,-0.01]	0.00	[-0.04,0.05]	0.31						
		MEX	22,076	-0.01	[-0.01,0.00]	-0.05	[-0.05,-0.04]	-2.09	[-2.98,-1.21]	1.42						
		MNE	3,009	0.03	[0.01,0.05]	-0.08	[-0.12,-0.04]	0.06	[-0.12,0.24]	0.76						
		MYS	3,341	0.02	[0.00,0.05]	-0.1	[-0.19,-0.02]	0.01	[-0.05,0.06]	-0.27						
		NLD	2,853	0.02	[0.00,0.03]	-0.06	[-0.09,-0.03]	0.01	[-0.08,0.10]	0.89						
		PER	3,649	0.01	[-0.01,0.03]	-0.07	[-0.10,-0.04]	-0.04	[-0.24,0.17]	0.75						
		QAT	6,636	-0.01	[-0.01,0.00]	-0.06	[-0.08,-0.04]	0.02	[-0.49,0.53]	1.21						
		QCN	3,432	0.01	[-0.01,0.02]	-0.03	[-0.05,-0.01]	0.02	[-0.11,0.14]	0.69						
		ROU	3,334	0.02	[0.00,0.04]	-0.09	[-0.13,-0.05]	-0.03	[-0.20,0.14]	0.82						
		SGP	3,686	0.01	[0.00,0.03]	-0.03	[-0.06,0.00]	0.00	[-0.06,0.06]	0.19						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Truancy	Low loading	SRB	3,000	0.03	[0.01,0.04]	-0.08	[-0.13,-0.03]	0.03	[-0.05,0.10]	0.28						
		SVN	3,712	0.06	[0.04,0.08]	-0.13	[-0.19,-0.08]	0.05	[-0.04,0.13]	0.31						
		THA	4,388	0.00	[-0.02,0.02]	-0.07	[-0.10,-0.04]	-0.13	[-0.51,0.25]	1.03						
		TUN	2,744	0.00	[-0.02,0.02]	-0.06	[-0.09,-0.02]	-0.03	[-0.58,0.52]	1.10						
		TUR	3,178	-0.01	[-0.04,0.01]	-0.05	[-0.19,0.09]	-0.07	[-0.13,-0.02]	-0.92						
		URY	3,338	0.02	[0.00,0.04]	-0.11	[-0.15,-0.07]	-0.05	[-0.23,0.13]	0.80						
		VNM	3,257	0.01	[-0.01,0.02]	-0.02	[-0.05,0.00]	0.07	[0.00,0.14]	0.38						
	High loading	USA	6,599	0.01	[0.00,0.02]	-0.08	[-0.10,-0.05]	0.08	[-0.05,0.20]	0.92						
		AUS	9,360	0.01	[0.00,0.03]	-0.11	[-0.13,-0.09]	0.02	[-0.10,0.14]	1.04						
		AUT	3,106	0.02	[0.00,0.03]	-0.05	[-0.09,-0.02]	-0.03	[-0.11,0.05]	0.42						
		BEL	5,415	0.03	[0.02,0.04]	-0.08	[-0.11,-0.05]	0.05	[0.01,0.09]	0.41	3,641	-.13	[-.18,-.09]	1,774	.07	[.01,.13]
		CAN	13,811	0.01	[0.00,0.02]	-0.09	[-0.11,-0.07]	-0.11	[-0.23,0.01]	1.07						
		CHE	7,314	0.03	[0.02,0.04]	-0.09	[-0.12,-0.06]	0.00	[-0.03,0.03]	0.33						
		CZE	3,454	0.02	[0.00,0.03]	-0.04	[-0.08,-0.01]	0.03	[-0.03,0.09]	0.61						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Truancy	High loading	DEU	2,797	0.02	[0.00,0.04]	-0.07	[-0.10,-0.03]	-0.03	[-0.10,0.05]	0.49						
		DNK	4,766	0.02	[0.00,0.03]	-0.11	[-0.15,-0.07]	-0.04	[-0.09,0.01]	0.38						
		EST	3,135	0.03	[0.00,0.06]	-0.11	[-0.17,-0.05]	0.05	[-0.06,0.15]	0.26						
		FIN	5,649	0.02	[0.01,0.04]	-0.09	[-0.12,-0.06]	-0.01	[-0.13,0.11]	0.94						
		FRA	2,926	0.03	[0.02,0.05]	-0.09	[-0.13,-0.05]	0.00	[-0.06,0.07]	0.62						
		GBR	8,256	0.02	[0.01,0.03]	-0.08	[-0.10,-0.06]	0.00	[-0.12,0.12]	1.00						
		HRV	3,294	0.04	[0.02,0.05]	-0.11	[-0.17,-0.06]	0.03	[-0.03,0.09]	0.06						
		IRL	3,289	0.01	[-0.01,0.02]	-0.04	[-0.06,-0.02]	0.12	[-0.08,0.31]	1.10						
		ISL	2,202	0.02	[0.00,0.04]	-0.10	[-0.13,-0.06]	-0.07	[-0.21,0.07]	1.06						
		ISR	3,145	-0.01	[-0.03,0.01]	-0.07	[-0.10,-0.04]	-0.32	[-0.88,0.23]	1.15						
		ITA	20,284	0.03	[0.02,0.04]	-0.09	[-0.11,-0.07]	0.00	[-0.03,0.03]	0.30						
		LVA	2,847	0.04	[0.00,0.07]	-0.11	[-0.17,-0.05]	-0.04	[-0.19,0.11]	0.57						
		NOR	3,010	0.03	[0.02,0.05]	-0.10	[-0.15,-0.06]	0.01	[-0.07,0.09]	0.69						
		NZL	2,731	0.01	[-0.01,0.04]	-0.09	[-0.13,-0.05]	-0.02	[-0.14,0.11]	0.88						
		POL	3,049	0.01	[-0.01,0.04]	-0.09	[-0.12,-0.05]	-0.08	[-0.29,0.14]	1.11						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Truancy	High loading	PRT	3,702	0.02	[0.00,0.04]	-0.09	[-0.12,-0.06]	-0.16	[-0.61,0.28]	0.97						
		SVK	3,012	0.01	[0.00,0.03]	-0.05	[-0.13,0.03]	0.01	[-0.02,0.04]	-0.46						
		SWE	3,006	0.03	[0.01,0.05]	-0.12	[-0.17,-0.08]	0.02	[-0.08,0.12]	0.67						
		TAP	4,003	0.04	[0.03,0.06]	-0.13	[-0.18,-0.07]	0.00	[-0.05,0.05]	0.33						
DV: Math Achievement	Low loading	**ALB**														
		PV1	2,616	-2.01	[-6.69,2.68]	3.69	[-6.22,13.61]	-4.29	[-23.15,14.57]	0.05						
		PV2	2,616	-2.66	[-7.32,1.99]	8.88	[-2.56,20.32]	-1.38	[-16.09,13.33]	-0.15						
		PV3	2,616	-2.07	[-6.71,2.57]	10.63	[-6.58,27.85]	-0.64	[-11.39,10.10]	-0.53						
		PV4	2,616	-2.59	[-7.27,2.09]	12.03	[-4.25,28.31]	-1.26	[-11.94,9.42]	-0.55						
		PV5	2,616	-2.27	[-6.98,2.43]	3.38	[-6.55,13.30]	-4.43	[-22.99,14.13]	0.06						
		ARE														
		PV1	7,351	-4.28	[-6.69,-1.86]	7.61	[3.32,11.90]	-45.13	[-71.72,-18.54]	0.52	4,719	.07	[.03,.11]	2,656	-.09	[-.14,-.04]
		PV2	7,351	-3.65	[-6.06,-1.24]	8.20	[4.03,12.37]	-55.27	[-84.73,-25.81]	0.55	4,851	.07	[.04,.11]	2,500	-.08	[-.13,-.02]
		PV3	7,351	-4.20	[-6.62,-1.78]	7.03	[2.71,11.34]	-43.29	[-70.69,-15.88]	0.52	4,719	.06	[.02,.10]	2,656	-.08	[-.13,-.03]
		PV4	7,351	-3.61	[-6.02,-1.19]	7.55	[3.32,11.78]	-52.08	[-82.93,-21.24]	0.55	4,851	.06	[.02,.10]	2,500	-.09	[-.14,-.04]
		PV5	7,351	-3.98	[-6.37,-1.58]	7.11	[2.55,11.67]	-30.94	[-50.23,-11.66]	0.34	4,342	.06	[.02,.10]	3,009	-.07	[-.12,-.03]

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		ARG														
		PV1	3,689	-3.85	[-6.72,-0.98]	8.53	[3.51,13.55]	-16.64	[-38.25,4.97]	0.68						
		PV2	3,689	-3.40	[-6.29,-0.52]	8.60	[3.40,13.80]	-10.00	[-31.18,11.17]	0.65						
		PV3	3,689	-3.27	[-6.14,-0.41]	7.73	[2.45,13.00]	-20.68	[-39.96,-1.39]	0.61	2,622	.06	[.01,.11]	1,081	-.09	[-.17,-.01]
		PV4	3,689	-3.49	[-6.37,-0.62]	8.00	[2.87,13.12]	-10.86	[-31.95,10.23]	0.65						
		PV5	3,689	-3.28	[-6.13,-0.43]	6.36	[1.28,11.45]	-27.82	[-47.19,-8.45]	0.61	2,622	.06	[.01,.11]	1,081	-.11	[-.19,-.04]
		BGR														
		PV1	3,372	-4.70	[-7.17,-2.24]	20.81	[11.01,30.62]	-2.91	[-10.06,4.25]	-0.59						
DV: Math Achievement	**Low loading**	PV2	3,372	-4.56	[-7.02,-2.10]	11.84	[7.25,16.42]	-30.33	[-63.19,2.53]	0.79						
		PV3	**3,372**	**-3.98**	**[-6.44,-1.53]**	**10.92**	**[6.41,15.44]**	**-50.50**	**[-91.91,-9.10]**	**0.87**	**2,402**	**.12**	**[.07,.17]**	**974**	**-.10**	**[-.18,-.02]**
		PV4	3,372	-4.65	[-7.11,-2.18]	19.60	[9.91,29.29]	-3.15	[-10.27,3.96]	-0.61						
		PV5	3,372	-4.22	[-6.69,-1.74]	11.07	[6.50,15.64]	-42.98	[-83.42,-2.55]	0.85	2,395	.12	[.07,.17]	977	-.08	[-.16,-.00]
		BRA														
		PV1	12,174	-2.78	[-4.24,-1.33]	4.71	[1.91,7.52]	-11.80	[-19.14,-4.45]	0.43	7,674	.05	[.02,.08]	4,500	-.06	[-.10,-.02]
		PV2	12,174	-2.48	[-3.94,-1.03]	10.39	[5.82,14.96]	-1.84	[-5.79,2.10]	-0.39						
		PV3	12,174	-2.46	[-3.91,-1.00]	7.03	[2.16,11.90]	-3.69	[-7.34,-0.05]	-0.43	3,820	.06	[.02,.10]	8,354	-.03	[-.06,.00]
		PV4	12,174	-2.46	[-3.92,-1.00]	4.08	[1.34,6.82]	-12.64	[-20.35,-4.92]	0.45	8,189	.05	[.02,.08]	4,006	-.05	[-.09,-.01]
		PV5	12,174	-2.44	[-3.90,-0.98]	8.34	[3.42,13.26]	-2.60	[-6.21,1.01]	-0.51						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	Low loading	**CHL**														
		PV1	4,515	-2.10	[-5.35,1.14]	9.77	[5.32,14.22]	-49.85	[-119.81,20.11]	1.08						
		PV2	4,515	-2.32	[-5.58,.94]	10.63	[6.04,15.23]	-48.92	[-116.11,18.27]	1.06						
		PV3	4,515	-2.37	[-5.65,.91]	9.92	[5.39,14.45]	-52.41	[-120.31,15.50]	1.06						
		PV4	4,515	-2.52	[-5.78,.74]	9.86	[5.29,14.43]	-37.71	[-102.70,27.29]	1.06						
		PV5	4,515	-2.14	[-5.41,1.13]	9.39	[4.80,13.99]	-35.07	[-104.24,34.11]	1.06						
		COL														
		PV1	5,542	-2.89	[-5.20,-.59]	7.35	[-.02,14.73]	-6.12	[-11.86,-.39]	-0.40						
		PV2	5,542	-3.16	[-5.45,-.86]	8.08	[.72,15.45]	-5.97	[-11.77,-.17]	-0.40	1,872	.06	[.00,.12]	3,672	-.04	[-.09,-.00]
		PV3	5,542	-2.57	[-4.88,-.27]	6.47	[-.81,13.75]	-4.64	[-10.58,1.29]	-0.40						
		PV4	5,542	-3.06	[-5.37,-.75]	7.49	[.05,14.92]	-6.31	[-12.13,-.49]	-0.40	1,872	.06	[.00,.12]	3,672	-.05	[-.09,-.00]
		PV5	5,542	-2.96	[-5.26,-.67]	7.37	[-.02,14.77]	-6.33	[-12.14,-.51]	-0.40						
		CRI														
		PV1	2,882	-3.04	[-5.91,-.16]	4.78	[-1.10,10.66]	-12.54	[-27.69,2.62]	0.27						
		PV2	2,882	-3.81	[-6.65,-.96]	6.16	[.35,11.96]	-15.12	[-29.61,-.63]	0.27	1,679	.07	[.00,.13]	1,226	-.08	[-.15,-.00]
		PV3	2,882	-2.58	[-5.44,.27]	5.18	[-.63,10.99]	-12.20	[-26.96,2.55]	0.27						
		PV4	2,882	-2.75	[-5.59,.09]	4.93	[-1.13,10.99]	-13.25	[-27.08,.59]	0.25						
		PV5	2,882	-2.27	[-5.12,.57]	4.23	[-1.45,9.91]	-10.58	[-25.20,4.04]	0.27						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		ESP														
		PV1	16,578	-4.58	[-6.09,-3.08]	22.68	[20.27,25.10]	-10.07	[-25.22,5.08]	0.92						
		PV2	16,578	-4.50	[-6.00,-2.99]	22.45	[20.03,24.87]	-10.32	[-25.49,4.86]	0.92						
		PV3	16,578	-4.59	[-6.10,-3.09]	22.38	[19.96,24.80]	-10.44	[-26.26,5.38]	0.92						
		PV4	16,578	-4.33	[-5.83,-2.82]	22.54	[20.16,24.93]	-8.34	[-24.88,8.19]	0.94						
		PV5	16,578	-4.49	[-6.00,-2.98]	22.59	[20.18,24.99]	-6.46	[-22.29,9.38]	0.93						
		GRC														
		PV1	3,354	-5.27	[-8.66,-1.88]	23.96	[17.78,30.14]	-1.53	[-19.83,16.77]	0.46						
DV: Math Achievement	**Low loading**	PV2	3,354	-4.90	[-8.32,-1.49]	21.90	[16.53,27.27]	-3.07	[-37.90,31.76]	0.94						
		PV3	3,354	-4.99	[-8.35,-1.63]	22.09	[16.07,28.12]	-5.56	[-25.77,14.65]	0.64						
		PV4	3,354	-4.30	[-7.69,-0.91]	20.75	[14.60,26.89]	-4.33	[-25.09,16.42]	0.64						
		PV5	3,354	-4.79	[-8.20,-1.38]	20.37	[14.33,26.40]	-8.94	[-30.35,12.46]	0.66						
		HKG														
		PV1	3,064	-4.72	[-8.61,-0.84]	26.77	[18.04,35.50]	1.66	[-13.78,17.10]	0.42						
		PV2	3,064	-4.98	[-8.87,-1.09]	26.37	[16.14,36.60]	4.06	[-9.71,17.83]	0.26						
		PV3	3,064	-5.05	[-8.92,-1.18]	26.72	[17.44,36.00]	2.78	[-12.64,18.20]	0.39						
		PV4	3,064	-4.14	[-8.01,-0.28]	24.62	[15.42,33.82]	2.97	[-12.31,18.25]	0.39						
		PV5	3,064	-4.63	[-8.53,-0.74]	25.79	[16.48,35.09]	5.96	[-9.39,21.30]	0.39						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		HUN														
		PV1	**3,170**	**-6.85**	**[-10.79,-2.91]**	**18.30**	**[12.43,24.16]**	**-51.49**	**[-101.03,-1.95]**	**1.08**	**2,765**	**.15**	**[.10,.20]**	**405**	**-.15**	**[-.27,-.02]**
		PV2	**3,170**	**-6.37**	**[-10.32,-2.42]**	**18.25**	**[12.42,24.07]**	**-52.06**	**[-103.94,-.18]**	**1.08**	**2,765**	**.15**	**[.10,.19]**	**405**	**-.14**	**[-.27,-.02]**
		PV3	3,170	-6.99	[-10.92,-3.06]	23.41	[16.82,29.99]	7.50	[-17.19,32.19]	0.66						
		PV4	**3,170**	**-7.41**	**[-11.32,-3.50]**	**18.46**	**[12.58,24.34]**	**-50.77**	**[-99.95,-1.59]**	**1.08**	**2,765**	**.15**	**[.10,.20]**	**405**	**-.15**	**[-.27,-.02]**
		PV5	3,170	-6.55	[-10.45,-2.66]	18.74	[12.96,24.52]	-40.02	[-86.90,6.86]	1.05						
		IDN														
		PV1	3,665	-2.00	[-4.85,0.86]	7.87	[3.90,11.83]	77.90	[-39.78,195.58]	1.06						
DV: Math Achievement	**Low loading**	PV2	3,665	-2.14	[-4.98,0.70]	7.36	[3.12,11.60]	7.09	[-52.30,66.48]	0.98						
		PV3	3,665	-2.83	[-5.64,-0.01]	8.84	[4.55,13.14]	10.18	[-49.18,69.54]	0.98						
		PV4	3,665	-2.37	[-5.19,0.45]	8.53	[4.30,12.76]	24.71	[-30.83,80.24]	0.87						
		PV5	3,665	-3.11	[-5.94,-0.28]	7.98	[3.42,12.53]	-2.64	[-37.99,32.70]	0.77						
		JOR														
		PV1	4,524	1.83	[-.11,3.76]	12.21	[8.69,15.73]	-15.94	[-54.92,23.04]	0.64						
		PV2	4,524	1.77	[-.17,3.70]	11.87	[8.54,15.19]	-24.74	[-72.66,23.18]	0.76						
		PV3	4,524	2.24	[.31,4.17]	13.61	[10.55,16.67]	41.00	[-45.30,127.31]	0.85						
		PV4	4,524	2.24	[.33,4.14]	-11.81	[-25.26,1.64]	13.76	[9.83,17.70]	-1.54						
		PV5	4,524	1.75	[-.18,3.67]	11.84	[8.44,15.24]	-22.66	[-68.12,22.80]	0.72						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	Low loading	**JPN**														
		PV1	4,157	-8.64	[-11.80,-5.47]	26.55	[19.98,33.11]	-11.88	[-29.69,5.93]	0.66						
		PV2	4,157	-8.12	[-11.29,-4.96]	25.71	[19.12,32.31]	-10.70	[-28.36,6.97]	0.67						
		PV3	4,157	-8.60	[-11.78,-5.41]	26.62	[19.98,33.26]	-12.25	[-30.61,6.11]	0.69						
		PV4	4,157	-8.67	[-11.86,-5.49]	26.87	[20.20,33.55]	-8.20	[-26.09,9.70]	0.67						
		PV5	4,157	-8.78	[-11.94,-5.62]	25.97	[19.47,32.47]	-14.83	[-33.31,3.65]	0.70						
		KAZ														
		PV1	3,844	0.35	[-2.35,3.04]	9.46	[-0.64,19.55]	6.83	[0.53,13.13]	-0.68						
		PV2	3,844	0.02	[-2.67,2.72]	4.81	[0.96,8.66]	558.75	[284.99,832.51]	1.00						
		PV3	3,844	0.69	[-1.98,3.36]	4.34	[0.51,8.17]	829.21	[213.34,1445.09]	1.04						
		PV4	3,844	0.00	[-2.70,2.70]	4.83	[1.03,8.64]	631.22	[94.09,1168.35]	1.04						
		PV5	3,844	0.53	[-2.15,3.20]	4.94	[1.07,8.81]	572.10	[346.89,797.31]	1.00						
		KOR														
		PV1	3,354	-9.83	[-14.93,-4.74]	32.92	[25.21,40.63]	-22.08	[-60.68,16.53]	0.81						
		PV2	3,354	-10.04	[-15.13,-4.96]	32.05	[24.29,39.81]	-31.20	[-70.43,8.02]	0.86						
		PV3	3,354	-11.39	[-16.48,-6.30]	33.37	[25.59,41.15]	-33.64	[-71.79,4.52]	0.86						
		PV4	3,354	-9.96	[-15.07,-4.86]	32.83	[25.05,40.60]	-27.04	[-65.41,11.32]	0.82						
		PV5	3,354	-10.19	[-15.29,-5.08]	32.69	[24.90,40.48]	-25.59	[-65.46,14.28]	0.82						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	Low loading	**LTU**														
		PV1	3,029	-7.79	[-11.88,-3.69]	25.08	[16.40,33.76]	-13.09	[-29.13,2.96]	0.37						
		PV2	3,029	-6.65	[-10.82,-2.49]	23.27	[15.78,30.76]	-15.29	[-37.69,7.11]	0.62						
		PV3	3,029	-6.35	[-10.47,-2.22]	25.63	[17.70,33.57]	-1.34	[-20.49,17.81]	0.44						
		PV4	3,029	-6.56	[-10.69,-2.42]	24.95	[16.98,32.92]	-5.84	[-25.31,13.63]	0.44						
		PV5	3,029	-6.32	[-10.45,-2.19]	21.55	[14.19,28.90]	-16.86	[-39.34,5.61]	0.62						
		LUX														
		PV1	3,406	-3.77	[-7.01,-0.52]	11.57	[5.34,17.79]	-5.00	[-25.24,15.23]	0.69						
		PV2	3,406	-2.88	[-6.11,0.36]	11.31	[5.22,17.40]	0.29	[-22.90,23.48]	0.83						
		PV3	3,406	-3.26	[-6.49,-0.04]	9.31	[3.42,15.21]	-9.61	[-34.66,15.44]	0.89						
		PV4	3,406	-3.75	[-7.00,-0.50]	14.10	[7.94,20.26]	5.61	[-16.49,27.71]	0.72						
		PV5	3,406	-2.99	[-6.19,0.22]	10.98	[5.08,16.88]	4.81	[-18.98,28.61]	0.86						
		MAC														
		PV1	3,539	-2.78	[-6.99,1.44]	20.16	[13.08,27.24]	-1.37	[-29.45,26.71]	0.63						
		PV2	3,539	-2.98	[-7.15,1.18]	20.71	[13.75,27.66]	4.72	[-23.09,32.53]	0.64						
		PV3	3,539	-1.95	[-6.18,2.28]	18.30	[11.43,25.18]	2.35	[-27.25,31.94]	0.69						
		PV4	3,539	-1.78	[-5.98,2.42]	20.04	[12.68,27.40]	8.52	[-16.02,33.07]	0.54						
		PV5	3,539	-3.12	[-7.34,1.10]	19.49	[12.39,26.60]	-1.82	[-28.46,24.83]	0.61						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	Low loading	**MEX**														
		PV1	22,180	-1.76	[-2.75,-0.76]	10.45	[8.53,12.36]	-3.46	[-10.50,3.58]	0.56						
		PV2	22,180	-1.82	[-2.82,-0.82]	7.52	[5.43,9.61]	-13.68	[-18.82,-8.53]	0.39	13,193	.08	[.06,.10]	9,020	-.07	[-.10,-.04]
		PV3	22,180	-1.38	[-2.37,-0.38]	9.90	[7.98,11.82]	-1.62	[-8.66,5.41]	0.55						
		PV4	22,180	-1.76	[-2.76,-0.77]	10.89	[8.95,12.83]	-0.62	[-7.42,6.18]	0.43						
		PV5	22,180	-1.44	[-2.44,-0.44]	9.92	[7.98,11.86]	-2.82	[-9.87,4.22]	0.56						
		MNE														
		PV1	3,035	-2.56	[-5.24,0.12]	7.50	[2.17,12.82]	-12.45	[-26.94,2.04]	0.43						
		PV2	3,035	-2.52	[-5.25,0.21]	8.38	[3.50,13.25]	-10.00	[-29.65,9.65]	0.46						
		PV3	3,035	-2.28	[-4.99,0.43]	8.08	[2.96,13.20]	-15.55	[-30.77,-0.32]	0.44						
		PV4	3,035	-3.40	[-6.12,-0.67]	10.41	[5.12,15.71]	-17.16	[-32.22,-2.11]	0.44	1,806	.09	[.03,.15]	1,229	-.08	[-.15,-.01]
		PV5	3,035	-2.62	[-5.32,0.08]	8.37	[3.21,13.53]	-14.83	[-29.61,-0.05]	0.44						
		MYS														
		PV1	3,359	-6.03	[-9.81,-2.24]	17.29	[8.29,26.28]	-7.42	[-18.96,4.12]	0.04						
		PV2	3,359	-4.85	[-8.62,-1.07]	14.10	[5.18,23.01]	-7.05	[-18.70,4.61]	0.04						
		PV3	3,359	-5.03	[-8.79,-1.26]	15.86	[7.11,24.62]	-5.85	[-17.86,6.15]	0.05						
		PV4	3,359	-4.46	[-8.22,-0.70]	14.97	[6.02,23.91]	-5.93	[-17.55,5.69]	0.04						
		PV5	3,359	-5.64	[-9.42,-1.86]	22.04	[11.47,32.61]	-2.02	[-12.62,8.58]	-0.13						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	Low loading	**NLD**														
		PV1	2,861	-7.22	[-11.37,-3.07]	14.24	[6.20,22.27]	-22.46	[-39.14,-5.78]	0.45	1,965	.08	[.02,.14]	896	-.11	[-.20,-.03]
		PV2	2,861	-7.61	[-11.75,-3.47]	14.82	[6.69,22.96]	-27.07	[-44.08,-10.06]	0.45	1,965	.08	[.02,.14]	896	-.14	[-.22,-.05]
		PV3	2,861	-7.29	[-11.44,-3.14]	14.16	[6.22,22.10]	-25.57	[-42.47,-8.66]	0.45	1,965	.08	[.02,.14]	896	-.13	[-.21,-.04]
		PV4	2,861	-7.42	[-11.56,-3.28]	14.72	[6.82,22.62]	-24.75	[-41.81,-7.70]	0.45	1,965	.08	[.02,.14]	896	-.13	[-.21,-.04]
		PV5	2,861	-6.69	[-10.84,-2.54]	12.79	[4.66,20.92]	-22.94	[-40.06,-5.82]	0.45	1,965	.07	[.01,.13]	896	-.12	[-.20,-.03]
		PER														
		PV1	3,666	-6.13	[-9.65,-2.61]	11.90	[1.64,22.17]	-10.35	[-19.08,-1.62]	-0.30	1,212	.08	[.01,.16]	2,468	-.06	[-.11,-.01]
		PV2	3,666	-5.49	[-8.99,-1.99]	10.77	[0.75,20.78]	-9.66	[-18.38,-0.95]	-0.30	1,212	.08	[.00,.15]	2,468	-.06	[-.11,-.01]
		PV3	3,666	-5.09	[-8.63,-1.55]	9.17	[-1.21,19.55]	-8.86	[-17.67,-0.04]	-0.30						
		PV4	3,666	-4.35	[-7.84,-0.85]	2.66	[-2.95,8.28]	-7.10	[-36.12,21.93]	0.52						
		PV5	3,666	-5.80	[-9.31,-2.29]	3.69	[-2.28,9.65]	-20.87	[-42.59,0.84]	0.44						
		QAT														
		PV1	**6,670**	**-3.82**	**[-5.73,-1.92]**	**14.13**	**[10.20,18.06]**	**-42.08**	**[-64.23,-19.93]**	**0.70**	**4,558**	**.13**	**[.09,.17]**	**2,112**	**-.10**	**[-.16,-.05]**
		PV2	**6,670**	**-4.05**	**[-5.97,-2.14]**	**14.63**	**[10.64,18.62]**	**-45.95**	**[-68.29,-23.61]**	**0.70**	**4,558**	**.14**	**[.10,.17]**	**2,112**	**-.11**	**[-.17,-.06]**
		PV3	**6,670**	**-3.95**	**[-5.88,-2.03]**	**15.01**	**[11.03,18.99]**	**-36.32**	**[-59.10,-13.54]**	**0.70**	**4,558**	**.14**	**[.10,.18]**	**2,112**	**-.10**	**[-.16,-.05]**
		PV4	**6,670**	**-4.07**	**[-5.99,-2.15]**	**13.90**	**[9.96,17.85]**	**-45.21**	**[-67.98,-22.44]**	**0.70**	**4,558**	**.13**	**[.09,.17]**	**2,112**	**-.11**	**[-.17,-.06]**
		PV5	**6,670**	**-4.27**	**[-6.19,-2.36]**	**14.90**	**[10.93,18.86]**	**-38.30**	**[-60.34,-16.25]**	**0.70**	**4,558**	**.14**	**[.10,.18]**	**2,112**	**-.11**	**[-.17,-.06]**

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		QCN														
		PV1	3,432	-6.71	[-13.80,0.38]	19.29	[11.07,27.51]	-31.93	[-93.09,29.24]	0.73						
		PV2	3,432	-6.75	[-13.94,0.43]	20.01	[11.54,28.47]	-24.53	[-85.65,36.59]	0.71						
		PV3	3,432	-7.40	[-14.57,-0.23]	21.66	[13.28,30.05]	-3.99	[-61.25,53.27]	0.68						
		PV4	3,432	-6.94	[-14.17,0.29]	19.64	[11.05,28.24]	-19.22	[-78.28,39.84]	0.68						
		PV5	3,432	-8.25	[-15.43,-1.07]	22.41	[13.54,31.28]	-10.98	[-57.66,35.69]	0.58						
		ROU														
		PV1	3,351	-6.66	[-9.26,-4.06]	22.17	[15.04,29.30]	-7.45	[-16.33,1.42]	-0.16						
DV: Math Achievement	**Low loading**	PV2	3,351	-6.70	[-9.33,-4.08]	20.50	[12.90,28.09]	-8.43	[-17.01,0.15]	-0.17						
		PV3	3,351	-6.36	[-8.96,-3.75]	21.18	[13.80,28.57]	-6.66	[-15.00,1.68]	-0.18						
		PV4	3,351	-7.03	[-9.64,-4.43]	21.83	[14.86,28.79]	-8.51	[-17.84,0.82]	-0.04						
		PV5	3,351	-6.14	[-8.73,-3.55]	18.38	[11.62,25.14]	-6.30	[-16.38,3.78]	0.03						
		SGP														
		PV1	**3,691**	**-10.84**	**[-15.66,-6.02]**	**21.78**	**[8.71,34.85]**	**-22.36**	**[-35.07,-9.65]**	**-0.11**	**1,531**	**.11**	**[.04,.17]**	**2,168**	**-.10**	**[-.16,-.05]**
		PV2	3,691	-10.51	[-15.31,-5.72]	19.42	[6.30,32.54]	-23.26	[-35.98,-10.55]	-0.11	1,531	.09	[.03,.16]	2,168	-.11	[-.16,-.05]
		PV3	**3,691**	**-11.06**	**[-15.90,-6.22]**	**20.45**	**[7.37,33.52]**	**-25.60**	**[-38.57,-12.64]**	**-0.10**	**1,560**	**.10**	**[.04,.17]**	**2,131**	**-.11**	**[-.17,-.06]**
		PV4	3,691	-10.02	[-14.81,-5.24]	17.34	[4.39,30.29]	-23.30	[-36.13,-10.46]	-0.10	1,560	.09	[.02,.15]	2,131	-.10	[-.16,-.05]
		PV5	3,691	-10.16	[-15.01,-5.30]	18.53	[5.29,31.77]	-23.18	[-36.09,-10.26]	-0.10	1,560	.09	[.03,.16]	2,131	-.10	[-.16,-.05]

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		SRB														
		PV1	3,023	-3.22	[-6.44,0.01]	10.58	[3.90,17.27]	-1.85	[-18.64,14.95]	0.50						
		PV2	3,023	-3.34	[-6.60,-0.08]	10.98	[4.60,17.36]	3.32	[-15.77,22.41]	0.64						
		PV3	3,023	-3.32	[-6.58,-0.06]	10.12	[1.94,18.31]	-3.21	[-15.99,9.58]	0.19						
		PV4	3,023	-3.14	[-6.40,0.11]	10.83	[4.12,17.54]	-0.81	[-17.66,16.04]	0.49						
		PV5	3,023	-3.83	[-7.07,-0.58]	13.42	[4.39,22.45]	-2.83	[-13.59,7.93]	-0.03						
		SVN														
		PV1	3,738	-6.74	[-10.18,-3.29]	8.08	[3.10,13.06]	-104.13	[-161.04,-47.23]	1.09	3,271	.07	[.03,.12]	467	-.20	[-.31,-.09]
DV: Math Achievement	**Low loading**	PV2	3,738	-6.48	[-9.94,-3.01]	8.14	[3.04,13.24]	-98.79	[-153.13,-44.46]	1.06	3,253	.07	[.03,.12]	490	-.21	[-.32,-.10]
		PV3	3,738	-6.43	[-9.91,-2.95]	8.49	[3.38,13.61]	-101.16	[-158.06,-44.27]	1.08	3,256	.08	[.03,.12]	482	-.21	[-.32,-.09]
		PV4	3,738	-6.63	[-10.11,-3.15]	7.97	[2.93,13.02]	-115.73	[-170.45,-61.00]	1.09	3,271	.07	[.03,.12]	467	-.22	[-.33,-.11]
		PV5	3,738	-6.89	[-10.36,-3.42]	11.41	[3.93,18.89]	-17.11	[-30.02,-4.21]	0.26	2,208	.08	[.03,.14]	1,530	-.09	[-.15,-.02]
		THA														
		PV1	4,401	-2.35	[-5.86,1.17]	23.97	[18.29,29.65]	-27.28	[-70.39,15.83]	0.83						
		PV2	4,401	-2.07	[-5.60,1.46]	23.21	[17.88,28.54]	-26.44	[-84.14,31.25]	0.90						
		PV3	4,401	-2.70	[-6.21,0.81]	24.27	[18.51,30.03]	-4.40	[-43.76,34.96]	0.77						
		PV4	4,401	-3.18	[-6.69,0.33]	23.86	[18.25,29.48]	-19.20	[-63.88,25.48]	0.83						
		PV5	4,401	-2.57	[-6.09,0.94]	23.45	[17.88,29.01]	-20.93	[-65.19,23.33]	0.83						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		TUN														
		PV1	2,785	2.80	[-0.25,5.86]	2.35	[-3.87,8.56]	16.80	[2.96,30.64]	0.21						
		PV2	2,785	3.11	[0.01,6.20]	1.11	[-5.25,7.47]	19.11	[5.04,33.18]	0.19						
		PV3	2,785	2.87	[-0.18,5.92]	2.01	[-4.78,8.79]	19.06	[6.48,31.65]	0.12						
		PV4	2,785	1.88	[-1.18,4.93]	2.05	[-5.18,9.29]	13.04	[1.69,24.39]	0.01						
		PV5	2,785	2.40	[-0.61,5.42]	2.40	[-4.24,9.05]	16.09	[3.67,28.52]	0.10						
		TUR														
		PV1	3,198	-7.92	[-11.42,-4.42]	22.30	[11.67,32.93]	-16.39	[-27.50,-5.27]	-0.16	1,149	.16	[.08,.23]	2,049	-.09	[-.14,-.03]
DV: Math Achievement	**Low loading**	PV2	3,198	-7.06	[-10.56,-3.57]	24.06	[13.03,35.10]	-11.26	[-21.70,-0.82]	-0.33	1,061	.17	[.09,.25]	2,138	-.06	[-.12,-.00]
		PV3	**3,198**	**-8.25**	**[-11.72,-4.78]**	**20.82**	**[11.17,30.47]**	**-20.01**	**[-31.44,-8.58]**	**-0.12**	**1,217**	**.16**	**[.08,.23]**	**1,981**	**-.10**	**[-.16,-.04]**
		PV4	3,198	-7.44	[-10.95,-3.94]	20.50	[10.20,30.81]	-15.82	[-26.92,-4.73]	-0.16	1,149	.15	[.08,.23]	2,049	-.08	[-.14,-.02]
		PV5	3,198	-6.99	[-10.48,-3.49]	18.71	[8.79,28.63]	-17.64	[-29.28,-6.00]	-0.12	1,217	.14	[.07,.21]	1,981	-.09	[-.15,-.03]
		URY														
		PV1	3,387	-5.89	[-8.99,-2.79]	17.32	[10.70,23.95]	-10.36	[-25.80,5.09]	0.42						
		PV2	3,387	-6.17	[-9.27,-3.08]	18.50	[11.51,25.48]	-15.45	[-29.33,-1.56]	0.27	1,928	.14	[.08,.19]	1,460	-.08	[-.14,-.01]
		PV3	3,387	-5.90	[-9.02,-2.78]	17.78	[10.93,24.64]	-15.42	[-29.51,-1.34]	0.27	1,928	.13	[.07,.19]	1,460	-.07	[-.14,-.01]
		PV4	3,387	-5.73	[-8.82,-2.63]	13.56	[7.08,20.04]	-13.39	[-28.73,1.94]	0.44						
		PV5	3,387	-5.95	[-9.04,-2.86]	16.55	[9.29,23.81]	-12.82	[-25.36,-0.27]	0.19	1,807	.13	[.07,.19]	1,583	-.07	[-.13,-.00]

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	Low loading	**VNM**														
		PV1	3,266	-6.34	[-10.41,-2.27]	14.88	[6.46,23.30]	-20.66	[-34.56,-6.77]	0.10	1,666	.08	[.02,.15]	1,600	-.10	[-.16,-.03]
		PV2	3,266	-6.90	[-11.03,-2.78]	13.06	[4.26,21.87]	-19.02	[-32.62,-5.41]	0.07	1,591	.10	[.03,.16]	1,675	-.09	[-.15,-.03]
		PV3	3,266	-6.97	[-11.13,-2.81]	11.46	[2.66,20.27]	-22.01	[-36.09,-7.93]	0.09	1,632	.08	[.02,.15]	1,634	-.10	[-.16,-.04]
		PV4	3,266	-6.29	[-10.47,-2.12]	12.43	[3.59,21.27]	-20.97	[-35.17,-6.77]	0.10	1,666	.09	[.03,.16]	1,600	-.09	[-.15,-.02]
		PV5	3,266	-5.77	[-9.88,-1.66]	11.23	[2.26,20.20]	-18.10	[-31.67,-4.52]	0.07	1,591	.08	[.02,.15]	1,675	-.08	[-.14,-.02]
	High loading	**USA**														
		PV1	6,642	-2.27	[-5.13,0.59]	20.69	[16.48,24.90]	-11.51	[-38.21,15.19]	0.78						
		PV2	6,642	-1.96	[-4.84,0.93]	20.25	[16.09,24.41]	-2.86	[-34.52,28.80]	0.82						
		PV3	6,642	-2.33	[-5.20,0.54]	20.86	[16.66,25.06]	-2.17	[-30.49,26.15]	0.79						
		PV4	6,642	-1.83	[-4.71,1.05]	19.99	[15.82,24.16]	-9.78	[-41.62,22.06]	0.84						
		PV5	6,642	-1.65	[-4.53,1.22]	20.36	[16.15,24.57]	0.82	[-29.15,30.79]	0.79						
		AUS														
		PV1	9,442	-2.88	[-5.37,-0.39]	30.02	[26.50,33.53]	6.47	[-24.98,37.93]	1.03						
		PV2	9,442	-2.83	[-5.32,-0.35]	29.97	[26.49,33.44]	8.59	[-24.50,41.68]	1.07						
		PV3	9,442	-2.66	[-5.15,-0.17]	29.98	[26.48,33.49]	6.46	[-24.71,37.62]	1.04						
		PV4	9,442	-3.20	[-5.70,-0.70]	29.95	[26.42,33.48]	8.37	[-23.37,40.11]	1.04						
		PV5	9,442	-3.27	[-5.76,-0.79]	30.69	[27.17,34.21]	13.21	[-18.42,44.85]	1.03						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement		**AUT**														
		PV1	3,126	-1.04	[-5.61,3.52]	10.91	[4.93,16.89]	6.14	[-39.71,51.99]	0.96						
		PV2	3,126	-0.86	[-5.42,3.69]	8.63	[2.56,14.71]	-2.01	[-45.86,41.84]	0.94						
		PV3	3,126	-0.02	[-4.57,4.53]	9.06	[3.00,15.13]	6.06	[-38.43,50.55]	0.96						
		PV4	3,126	0.59	[-3.97,5.16]	8.44	[2.37,14.51]	-6.77	[-53.45,39.92]	0.95						
		PV5	3,126	0.60	[-3.93,5.14]	9.52	[3.48,15.56]	11.82	[-34.86,58.50]	0.96						
		BEL														
	High loading	**PV1**	**5,437**	**-11.23**	**[-14.47,-7.98]**	**24.65**	**[18.70,30.60]**	**-31.69**	**[-47.65,-15.73]**	**0.61**	**3,997**	**.17**	**[.13,.21]**	**1,441**	**-.11**	**[-.18,-.04]**
		PV2	**5,437**	**-10.99**	**[-14.23,-7.76]**	**23.58**	**[17.48,29.68]**	**-29.58**	**[-45.29,-13.86]**	**0.60**	**3,939**	**.15**	**[.11,.19]**	**1,499**	**-.13**	**[-.19,-.06]**
		PV3	**5,437**	**-11.41**	**[-14.66,-8.17]**	**24.69**	**[18.73,30.65]**	**-31.48**	**[-47.22,-15.75]**	**0.61**	**3,997**	**.17**	**[.13,.21]**	**1,441**	**-.11**	**[-.18,-.04]**
		PV4	**5,437**	**-11.14**	**[-14.38,-7.90]**	**24.29**	**[18.17,30.41]**	**-26.59**	**[-42.12,-11.05]**	**0.60**	**3,939**	**.16**	**[.12,.20]**	**1,499**	**-.12**	**[-.18,-.05]**
		PV5	**5,437**	**-11.57**	**[-14.82,-8.32]**	**26.03**	**[20.07,32.00]**	**-31.36**	**[-47.64,-15.08]**	**0.61**	**3,997**	**.18**	**[.14,.22]**	**1,441**	**-.11**	**[-.17,-.04]**
		CAN														
		PV1	14,089	0.57	[-1.19,2.32]	22.73	[20.10,25.37]	7.41	[-13.92,28.75]	0.95						
		PV2	14,089	0.81	[-0.95,2.56]	22.50	[19.89,25.12]	5.34	[-16.64,27.31]	0.95						
		PV3	14,089	0.46	[-1.30,2.22]	22.83	[20.17,25.48]	12.47	[-9.86,34.79]	0.96						
		PV4	14,089	0.54	[-1.22,2.29]	22.75	[20.09,25.41]	6.03	[-13.16,25.22]	0.90						
		PV5	14,089	0.56	[-1.20,2.32]	22.83	[20.20,25.46]	6.86	[-14.42,28.14]	0.93						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		CHE														
		PV1	7,391	-6.75	[-9.61,-3.90]	16.60	[11.02,22.19]	-13.94	[-25.56,-2.31]	0.39	4,935	.10	[.07,.14]	2,456	-.06	[-.11,-.01]
		PV2	7,391	-5.82	[-8.67,-2.97]	15.12	[9.49,20.75]	-11.92	[-23.37,-0.46]	0.37	4,890	.10	[.06,.13]	2,501	-.05	[-.11,-.00]
		PV3	7,391	-6.54	[-9.40,-3.67]	15.36	[9.77,20.94]	-14.58	[-26.32,-2.84]	0.39	4,935	.10	[.06,.13]	2,456	-.07	[-.12,-.01]
		PV4	7,391	-6.39	[-9.26,-3.53]	15.35	[9.66,21.03]	-13.34	[-25.10,-1.58]	0.38	4,919	.10	[.06,.14]	2,472	-.06	[-.11,-.01]
		PV5	7,391	-6.06	[-8.93,-3.20]	15.80	[10.21,21.38]	-11.40	[-23.07,0.27]	0.39						
		CZE														
		PV1	3,462	-4.00	[-8.84,0.84]	16.54	[8.10,24.98]	-6.44	[-28.35,15.47]	0.59						
DV: Math Achievement	**High loading**	PV2	3,462	-6.07	[-10.93,-1.21]	18.73	[8.97,28.49]	-7.60	[-25.56,10.36]	0.37						
		PV3	3,462	-4.54	[-9.41,0.33]	16.86	[8.36,25.36]	-6.43	[-28.50,15.64]	0.58						
		PV4	3,462	-4.47	[-9.33,0.39]	17.33	[8.73,25.94]	-6.15	[-28.30,16.00]	0.58						
		PV5	3,462	-5.14	[-10.01,-0.27]	17.09	[8.21,25.98]	-9.91	[-30.68,10.87]	0.51						
		DEU														
		PV1	2,805	-6.56	[-11.57,-1.54]	22.18	[14.36,29.99]	-2.55	[-33.86,28.77]	0.66						
		PV2	2,805	-5.84	[-10.82,-0.87]	20.42	[12.95,27.88]	-8.50	[-41.51,24.51]	0.72						
		PV3	2,805	-6.47	[-11.47,-1.47]	21.16	[13.50,28.83]	-9.38	[-41.94,23.17]	0.72						
		PV4	2,805	-6.74	[-11.72,-1.77]	21.78	[14.39,29.17]	-2.74	[-38.81,33.32]	0.76						
		PV5	2,805	-5.56	[-10.53,-0.60]	22.04	[14.69,29.39]	0.51	[-35.86,36.88]	0.78						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	High loading	**DNK**														
		PV1	4,803	-5.74	[-8.78,-2.70]	28.07	[21.48,34.66]	7.00	[-3.77,17.78]	0.23						
		PV2	4,803	-5.94	[-8.96,-2.93]	27.57	[21.18,33.96]	5.11	[-5.88,16.09]	0.27						
		PV3	4,803	-4.94	[-7.96,-1.93]	24.79	[18.67,30.91]	5.36	[-6.28,16.99]	0.33						
		PV4	4,803	-4.98	[-8.01,-1.95]	25.78	[19.85,31.72]	5.56	[-6.88,17.99]	0.38						
		PV5	4,803	-5.57	[-8.59,-2.55]	26.05	[20.07,32.04]	4.50	[-7.97,16.97]	0.38						
		EST														
		PV1	3,146	0.14	[-4.50,4.79]	5.54	[-1.14,12.22]	-27.17	[-59.49,5.15]	0.66						
		PV2	3,146	0.64	[-4.06,5.34]	6.91	[-0.31,14.13]	-15.37	[-40.26,9.53]	0.53						
		PV3	3,146	-0.71	[-5.39,3.96]	5.94	[-1.33,13.21]	-16.03	[-38.11,6.05]	0.49						
		PV4	3,146	0.11	[-4.51,4.73]	5.55	[-1.01,12.11]	-32.78	[-68.06,2.50]	0.72						
		PV5	3,146	0.11	[-4.60,4.81]	5.57	[-1.68,12.81]	-21.20	[-46.88,4.49]	0.55						
		FIN														
		PV1	5,730	-1.64	[-4.54,1.26]	25.65	[20.96,30.34]	21.25	[2.92,39.58]	0.67						
		PV2	5,730	-1.90	[-4.81,1.01]	25.05	[20.35,29.76]	20.28	[1.45,39.11]	0.72						
		PV3	5,730	-1.62	[-4.52,1.29]	24.76	[20.08,29.44]	18.14	[-0.56,36.84]	0.72						
		PV4	5,730	-1.86	[-4.76,1.04]	25.53	[20.90,30.16]	20.75	[2.00,39.50]	0.72						
		PV5	5,730	-1.72	[-4.62,1.18]	25.24	[20.57,29.91]	17.65	[-1.42,36.71]	0.72						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		FRA														
		PV1	2,957	-7.57	[-11.54,-3.60]	27.67	[20.37,34.96]	1.69	[-20.39,23.77]	0.70						
		PV2	2,957	-7.79	[-11.74,-3.83]	27.17	[19.18,35.17]	-4.84	[-22.85,13.16]	0.49						
		PV3	2,957	-7.28	[-11.25,-3.30]	26.32	[18.25,34.40]	-0.66	[-18.87,17.54]	0.50						
		PV4	2,957	-7.52	[-11.47,-3.57]	26.83	[18.89,34.77]	-1.86	[-19.83,16.12]	0.50						
		PV5	2,957	-7.39	[-11.36,-3.43]	26.69	[19.05,34.32]	-1.27	[-21.41,18.88]	0.59						
		GBR														
		PV1	8,299	-1.69	[-4.21,0.84]	24.08	[20.66,27.50]	0.39	[-31.99,32.77]	1.06						
DV: Math Achievement	**High loading**	PV2	8,299	-2.56	[-5.08,-0.03]	25.00	[21.56,28.44]	-2.51	[-34.26,29.23]	1.04						
		PV3	8,299	-2.63	[-5.15,-0.11]	25.02	[21.59,28.45]	2.58	[-28.89,34.06]	1.04						
		PV4	8,299	-2.57	[-5.10,-0.05]	25.76	[22.34,29.17]	-1.84	[-32.86,29.19]	1.04						
		PV5	8,299	-2.17	[-4.70,0.36]	24.81	[21.35,28.27]	4.41	[-27.14,35.95]	1.04						
		HRV														
		PV1	3,305	-6.64	[-10.01,-3.27]	16.46	[8.49,24.43]	-11.91	[-23.07,-0.75]	0.14	1,968	.12	[.06,.17]	1,353	-.07	[-.14,-.00]
		PV2	**3,305**	**-6.98**	**[-10.38,-3.59]**	**14.99**	**[7.09,22.89]**	**-16.27**	**[-27.67,-4.88]**	**0.21**	**2,008**	**.11**	**[.05,.16]**	**1,297**	**-.10**	**[-.17,-.02]**
		PV3	3,305	-7.30	[-10.73,-3.88]	18.47	[10.13,26.82]	-12.92	[-24.11,-1.73]	0.14	1,968	.13	[.07,.18]	1,353	-.08	[-.15,-.01]
		PV4	3,305	-6.63	[-10.03,-3.23]	14.32	[6.34,22.30]	-14.17	[-25.56,-2.78]	0.21	2,008	.10	[.04,.16]	1,297	-.09	[-.16,-.02]
		PV5	3,305	-6.03	[-9.46,-2.61]	15.51	[7.13,23.89]	-9.71	[-20.52,1.10]	0.13						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		IRL														
		PV1	3,300	-4.50	[-8.06,-0.95]	22.75	[17.46,28.03]	-13.22	[-58.36,31.91]	0.98						
		PV2	3,300	-4.64	[-8.19,-1.09]	22.29	[17.05,27.52]	-10.17	[-53.96,33.62]	0.97						
		PV3	3,300	-4.41	[-7.96,-0.85]	21.93	[16.64,27.22]	-13.97	[-58.98,31.05]	0.97						
		PV4	3,300	-4.60	[-8.18,-1.02]	23.33	[18.08,28.58]	-20.29	[-66.06,25.47]	0.98						
		PV5	3,300	-4.71	[-8.28,-1.15]	22.70	[17.41,27.98]	-20.75	[-66.66,25.16]	0.98						
		ISL														
		PV1	2,209	0.43	[-4.05,4.91]	25.95	[19.57,32.33]	6.49	[-49.01,61.99]	1.09						
DV: Math Achievement	**High loading**	PV2	2,209	0.35	[-4.09,4.80]	25.54	[18.99,32.09]	10.87	[-48.63,70.36]	1.11						
		PV3	2,209	-1.13	[-5.56,3.30]	26.78	[20.40,33.16]	3.67	[-52.58,59.91]	1.09						
		PV4	2,209	-0.25	[-4.73,4.23]	27.38	[20.98,33.78]	-2.14	[-58.62,54.34]	1.10						
		PV5	2,209	-0.16	[-4.64,4.32]	27.07	[20.54,33.60]	0.02	[-59.07,59.11]	1.11						
		ISR														
		PV1	**3,166**	**-9.15**	**[-12.96,-5.33]**	**16.54**	**[4.05,29.04]**	**-22.52**	**[-32.68,-12.36]**	**-0.36**	**1,116**	**.10**	**[.02,.18]**	**2,050**	**-.12**	**[-.18,-.07]**
		PV2	3,166	-9.13	[-12.95,-5.32]	15.52	[2.36,28.68]	-22.55	[-32.34,-12.76]	-0.40	1,088	.09	[.01,.17]	2,078	-.13	[-.18,-.07]
		PV3	**3,166**	**-9.49**	**[-13.27,-5.71]**	**17.06**	**[4.07,30.06]**	**-23.29**	**[-32.97,-13.61]**	**-0.40**	**1,088**	**.10**	**[.02,.18]**	**2,078**	**-.13**	**[-.19,-.08]**
		PV4	3,166	-9.16	[-12.98,-5.34]	12.39	[-0.19,24.97]	-25.52	[-35.84,-15.20]	-0.32						
		PV5	3,166	-9.56	[-13.43,-5.70]	15.70	[2.13,29.26]	-23.78	[-33.49,-14.07]	-0.46	1,035	.09	[.01,.17]	2,136	-.14	[-.19,-.08]

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	High loading	**ITA**														
		PV1	20,458	-7.93	[-9.42,-6.44]	23.69	[20.17,27.20]	-6.46	[-11.55,-1.37]	0.13	11,666	.16	[.13,.18]	8,792	-.04	[-.06,-.01]
		PV2	20,458	-7.83	[-9.33,-6.34]	24.18	[20.63,27.73]	-5.36	[-10.47,-0.26]	0.12	11,628	.16	[.14,.18]	8,830	-.03	[-.06,-.00]
		PV3	20,458	-7.68	[-9.17,-6.19]	22.98	[19.53,26.43]	-5.88	[-11.15,-0.62]	0.17	11,938	.16	[.13,.18]	8,538	-.03	[-.06,-.00]
		PV4	20,458	-7.86	[-9.35,-6.37]	24.40	[20.86,27.94]	-8.12	[-13.03,-3.20]	0.11	11,336	.15	[.13,.17]	9,122	-.05	[-.07,-.02]
		PV5	20,458	-7.82	[-9.31,-6.33]	23.55	[20.13,26.98]	-4.46	[-9.82,0.90]	0.19						
		LVA														
		PV1	2,869	-4.44	[-9.19,0.31]	21.29	[14.81,27.78]	-23.00	[-62.39,16.39]	0.89						
		PV2	2,869	-4.47	[-9.22,0.28]	21.96	[15.19,28.73]	-20.15	[-49.36,9.06]	0.77						
		PV3	2,869	-4.80	[-9.48,-0.12]	21.03	[14.59,27.47]	-20.30	[-58.82,18.23]	0.90						
		PV4	2,869	-5.60	[-10.32,-0.88]	22.57	[15.99,29.14]	-18.46	[-53.99,17.07]	0.85						
		PV5	2,869	-4.38	[-9.14,0.39]	21.92	[15.49,28.36]	-20.88	[-61.57,19.80]	0.90						
		NOR														
		PV1	3,035	-2.42	[-5.67,0.82]	29.01	[23.49,34.53]	26.18	[-3.74,56.09]	1.01						
		PV2	3,035	-2.40	[-5.65,0.85]	28.57	[22.65,34.49]	21.79	[-4.39,47.97]	0.91						
		PV3	3,035	-2.42	[-5.69,0.84]	29.35	[23.88,34.82]	24.22	[-6.90,55.33]	1.01						
		PV4	3,035	-2.50	[-5.75,0.75]	28.99	[23.60,34.37]	19.31	[-12.81,51.44]	1.04						
		PV5	3,035	-1.79	[-5.08,1.50]	27.62	[21.87,33.36]	24.47	[-3.23,52.18]	0.94						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression					Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
		NZL														
		PV1	2,767	-1.94	[-6.60,2.72]	28.05	[21.27,34.83]	-9.15	[-58.09,39.79]	0.96						
		PV2	2,767	-2.22	[-6.84,2.39]	28.86	[22.28,35.45]	-19.23	[-67.01,28.55]	0.98						
		PV3	2,767	-1.63	[-6.29,3.02]	27.79	[21.06,34.53]	-17.56	[-65.21,30.09]	0.98						
		PV4	2,767	-1.45	[-6.10,3.21]	27.31	[20.62,33.99]	-17.52	[-65.71,30.67]	0.98						
		PV5	2,767	-1.68	[-6.38,3.01]	28.40	[21.60,35.21]	-20.47	[-69.53,28.60]	0.98						
		POL														
		PV1	3,060	-0.34	[-4.08,3.40]	26.69	[21.27,32.12]	11.60	[-37.82,61.02]	1.22						
DV: Math Achievement	**High loading**	PV2	3,060	0.28	[-3.45,4.01]	26.97	[21.68,32.26]	12.49	[-37.97,62.95]	1.22						
		PV3	3,060	-0.02	[-3.77,3.74]	25.98	[20.60,31.35]	14.89	[-35.20,64.98]	1.22						
		PV4	3,060	-0.21	[-3.96,3.55]	26.70	[21.27,32.13]	6.03	[-44.65,56.70]	1.22						
		PV5	3,060	-0.37	[-4.11,3.36]	27.04	[21.48,32.60]	2.78	[-39.00,44.55]	1.17						
		PRT														
		PV1	3,719	1.81	[-1.86,5.47]	11.97	[5.48,18.47]	2.49	[-20.91,25.88]	0.49						
		PV2	3,719	2.58	[-1.07,6.24]	11.83	[5.40,18.25]	4.14	[-19.62,27.90]	0.49						
		PV3	3,719	1.87	[-1.78,5.52]	12.42	[5.86,18.98]	7.68	[-14.65,30.01]	0.46						
		PV4	3,719	2.32	[-1.33,5.97]	12.03	[5.68,18.39]	4.23	[-19.73,28.19]	0.50						
		PV5	3,719	1.85	[-1.78,5.48]	12.59	[6.05,19.13]	7.09	[-14.94,29.11]	0.47						

Table S13 (continued).

MODEL		Country /Region	Quadratic Regression			Interrupted Regression				Before Turn[1]			After Turn[1]		
			N	b_1	99%CI	c_1	99%CI	c_2	99%CI	Turn	*n*	*r*	99%CI	*n*	*r*	99%CI
DV: Math Achievement	High loading	**SVK**														
		PV1	3,021	-5.31	[-9.93,-0.68]	16.02	[7.33,24.71]	-4.50	[-23.76,14.75]	0.40						
		PV2	3,021	-4.50	[-9.07,0.07]	14.17	[5.62,22.73]	-3.16	[-23.00,16.68]	0.39						
		PV3	3,021	-5.27	[-9.87,-0.67]	15.48	[6.76,24.20]	-4.83	[-24.25,14.58]	0.38						
		PV4	3,021	-5.39	[-9.92,-0.86]	20.64	[10.56,30.71]	5.77	[-8.62,20.17]	0.14						
		PV5	3,021	-5.52	[-10.12,-0.92]	23.16	[11.94,34.38]	1.82	[-11.62,15.26]	0.09						
		SWE														
		PV1	3,053	-3.08	[-6.80,0.64]	22.16	[16.70,27.63]	-38.33	[-71.74,-4.93]	1.02						
		PV2	3,053	-3.58	[-7.35,0.20]	18.92	[13.00,24.85]	-30.07	[-61.57,1.43]	0.94						
		PV3	3,053	-3.21	[-6.96,0.54]	19.54	[13.73,25.35]	-29.95	[-61.65,1.75]	0.94						
		PV4	3,053	-3.69	[-7.45,0.07]	19.81	[13.92,25.70]	-5.35	[-35.05,24.35]	0.90						
		PV5	3,053	-3.30	[-7.02,0.41]	21.54	[16.03,27.04]	-37.34	[-71.58,-3.10]	1.02						
		TAP														
		PV1	4,009	-11.98	[-16.90,-7.07]	40.22	[28.86,51.58]	-3.61	[-19.71,12.48]	0.22						
		PV2	4,009	-11.69	[-16.60,-6.79]	41.43	[30.67,52.19]	-2.09	[-18.98,14.79]	0.28						
		PV3	4,009	-11.62	[-16.54,-6.69]	40.07	[28.65,51.49]	-3.02	[-19.16,13.12]	0.22						
		PV4	4,009	-11.45	[-16.32,-6.58]	41.19	[31.10,51.27]	0.61	[-17.89,19.12]	0.39						
		PV5	4,009	-11.66	[-16.55,-6.78]	40.72	[30.21,51.24]	-3.53	[-21.42,14.36]	0.33						

Note. N/n = sample size; b_1 = the quadratic term of the Perseverance factor in the quadratic regression model; CI = confidence interval; c_1 = the slope before the turning point of the potential U-shaped curve; c_2 = the slope after the tuning point of the potential U-shaped curve; Turn = the turning point of the potential U-shaped curve; DV = dependent variable; PV = a plausible value of math achievement; Low loading = countries/regions with low (i.e., $\lambda < .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; High loading = countries/regions with higher (i.e., $\lambda \geq .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; USA = United States of America; ALB = Albania; ARE = United Arab Emirates; ARG = Argentina; AUS = Australia; AUT = Austria; BEL = Belgium; BGR = Bulgaria; BRA = Brazil; CAN = Canada; CHE = Switzerland; CHL = Chile; COL = Colombia; CRI = Costa Rica; CZE = Czech Republic; DEU = Germany; DNK = Denmark; ESP = Spain; EST = Estonia; FIN = Finland; FRA = France; GBR = United Kingdom; GRC = Greece; HKG = Hong Kong-China; HRV = Croatia; HUN = Hungary; IDN = Indonesia; IRL = Ireland; ISL = Iceland; ISR = Israel; ITA = Italy; JOR = Jordan; JPN = Japan; KAZ = Kazakhstan; KOR = Korea; LTU = Lithuania; LUX = Luxembourg; LVA = Latvia; MAC = Macao-China; MEX = Mexico; MNE = Montenegro; MYS = Malaysia; NLD = Netherlands; NOR = Norway; NZL = New Zealand; PER = Peru; POL = Poland; PRT = Portugal; QAT = Qatar; QCN = Shanghai-China; ROU = Romania; SGP = Singapore; SRB = Serbia; SVK = Slovak Republic; SVN = Slovenia; SWE = Sweden; TAP = Chinese Taipei; THA = Thailand; TUN = Tunisia; TUR = Turkey; URY = Uruguay; VNM = Vietnam.

U-shaped relationships that are both statistically significant at the .01 level and considered important are marked in bold.

[1] Correlations before and after turn were computed only for conditions where a significant U-shaped relationship was found.

Table S14

Predictive Validity of the Standardized Residuals of the Perseverance Items for 9 Cultural Regions (DV: Math Achievement)

Region	SR1		SR2		SR3		SR4		SR5	
	r[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]
North America/Oceania	**.24[.20,.27]**	**0.24[0.20,0.28]**	**.12[.08,.16]**	**0.12[0.08,0.16]**	-.04[-.08,.01]	-0.03[-0.08,0.01]	.01[-.03,.05]	0.02[-0.02,0.05]	**-.06[-.11,-.01]**	**-0.06[-0.11,-0.01]**
MENA	**.26[.23,.29]**	**0.26[0.23,0.30]**	**.16[.13,.20]**	**0.15[0.11,0.18]**	-.03[-.07,.01]	-0.03[-0.07,0.01]	**-.10[-.14,-.06]**	**-0.09[-0.13,-0.05]**	**-.09[-.12,-.06]**	**-0.09[-0.12,-0.06]**
Latin America	**.25[.24,.27]**	**0.26[0.24,0.27]**	**.06[.04,.08]**	**0.06[0.04,0.08]**	-.02[-.04,.00]	-0.02[-0.03,0.00]	**-.07[-.09,-.05]**	**-0.07[-0.09,-0.05]**	**-.03[-.05,-.01]**	**-0.03[-0.05,-0.01]**
Southern Europe	**.21[.19,.23]**	**0.21[0.18,0.23]**	**.08[.05,.11]**	**0.08[0.05,0.10]**	.01[-.01,.03]	0.01[-0.01,0.03]	-.01[-.04,.01]	-0.01[-0.04,0.01]	**-.06[-.09,-.04]**	**-0.07[-0.09,-0.04]**
Western Europe	**.28[.26,.29]**	**0.27[0.26,0.29]**	**.11[.09,.12]**	**0.10[0.08,0.12]**	**.02[.00,.04]**	**0.02[0.00,0.04]**	-.01[-.03,.01]	-0.01[-0.04,0.01]	**-.12[-.14,-.10]**	**-0.12[-0.14,-0.10]**
Former Communist countries	**.13[.10,.15]**	**0.13[0.10,0.16]**	**.04[.00,.07]**	**0.04[0.01,0.07]**	.03[-.01,.06]	0.03[-0.01,0.07]	.02[-.01,.05]	0.01[-0.02,0.04]	**-.05[-.08,-.02]**	**-0.06[-0.08,-0.03]**
The Nordics	**.27[.25,.30]**	**0.27[0.24,0.30]**	**.18[.15,.20]**	**0.16[0.13,0.19]**	**.04[.01,.07]**	**0.04[0.02,0.07]**	-.01[-.04,.02]	-0.01[-0.04,0.02]	**-.05[-.08,-.03]**	**-0.05[-0.08,-0.02]**
East Asia	**.20[.18,.23]**	**0.19[0.17,0.22]**	**.10[.08,.13]**	**0.10[0.07,0.13]**	**.05[.02,.08]**	**0.04[0.01,0.07]**	.02[-.01,.04]	0.02[-0.01,0.05]	-.02[-.05,.01]	-0.01[-0.04,0.02]
Southeast Asia	**.21[.18,.24]**	**0.21[0.18,0.24]**	**.14[.09,.18]**	**0.13[0.09,0.18]**	**.06[.03,.10]**	**0.07[0.03,0.10]**	**-.07[-.10,-.03]**	**-0.06[-0.09,-0.03]**	**-.14[-.17,-.11]**	**-0.13[-0.17,-0.10]**

Note. SR1 = standardized residual of Item 1 “When confronted with a problem, I give up easily”; SR2 = standardized residual of Item 2 “I put off difficult problems”; SR3 = standardized residual of Item 3 “I remain interested in tasks that I start”; SR4 = standardized residual of Item 4 “I continue working on tasks until everything is perfect”; SR5 = standardized residual of Item 5 “When confronted with a problem, I do more than what is expected of me”; *r* = correlation between the standardized residual and math achievement; β = standardized coefficient of the standardized residual controlling for the perseverance facet total (excluding the item to which the nuance belonged); CI = confidence interval. Effect sizes that are significant at the .01 level and their 99%CIs are marked in bold.

Table S15

Predictive Validity of the Standardized Residuals of the Perseverance Items for 9 Cultural Regions (DV: Truancy)

Region	SR1		SR2		SR3		SR4		SR5	
	r[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]
North America/Oceania	**-.08[-.10,-.07]**	**-0.06[-0.11,-0.02]**	**-.04[-.05,-.03]**	-0.02[-0.06,0.02]	**-.03[-.05,-.02]**	**-0.05[-0.09,-0.01]**	**-.05[-.07,-.04]**	**-0.07[-0.11,-0.02]**	**-.02[-.03,.00]**	-0.03[-0.06,0.00]
MENA	**-.06[-.08,-.05]**	**-0.06[-0.10,-0.02]**	**-.05[-.06,-.03]**	**-0.04[-0.09,0.00]**	**-.04[-.05,-.02]**	-0.02[-0.05,0.02]	**-.05[-.07,-.04]**	**-0.05[-0.09,0.00]**	**-.02[-.03,.00]**	0.01[-0.03,0.06]
Latin America	**-.05[-.06,-.04]**	**-0.05[-0.07,-0.03]**	**-.04[-.05,-.03]**	**-0.03[-0.05,-0.01]**	**-.06[-.07,-.05]**	**-0.05[-0.07,-0.03]**	**-.05[-.06,-.04]**	**-0.05[-0.07,-0.03]**	.00[-.02,.01]	-0.01[-0.03,0.01]
Southern Europe	**-.07[-.08,-.05]**	**-0.09[-0.12,-0.06]**	**-.07[-.09,-.05]**	**-0.09[-0.12,-0.07]**	**-.03[-.05,-.01]**	-0.02[-0.04,0.01]	**-.06[-.07,-.04]**	**-0.05[-0.07,-0.02]**	.02[.00,.03]	0.02[0.00,0.05]
Western Europe	**-.07[-.08,-.06]**	**-0.09[-0.11,-0.07]**	.00[-.01,.01]	**-0.02[-0.04,0.00]**	**-.04[-.05,-.03]**	**-0.03[-0.05,-0.01]**	**-.08[-.09,-.07]**	**-0.06[-0.08,-0.04]**	**.07[.06,.08]**	**0.07[0.05,0.09]**
Former Communist countries	**-.03[-.05,-.02]**	**-0.03[-0.06,0.00]**	-.01[-.02,.01]	**-0.04[-0.07,-0.01]**	**-.04[-.05,-.02]**	**-0.05[-0.08,-0.02]**	**-.05[-.06,-.04]**	-0.01[-0.04,0.02]	**.04[.02,.05]**	0.02[-0.01,0.06]
The Nordics	**-.09[-.10,-.07]**	**-0.09[-0.13,-0.06]**	**-.06[-.08,-.04]**	**-0.07[-0.10,-0.04]**	-.01[-.03,.01]	-0.02[-0.04,0.01]	**-.06[-.08,-.04]**	**-0.05[-0.08,-0.03]**	.01[-.01,.03]	0.02[-0.01,0.05]
East Asia	**-.03[-.05,-.01]**	**-0.04[-0.07,-0.02]**	.00[-.01,.02]	0.03[0.00,0.05]	**-.04[-.06,-.03]**	-0.03[-0.06,0.01]	**-.03[-.05,-.02]**	**-0.04[-0.06,-0.01]**	.01[-.01,.03]	0.00[-0.02,0.03]
Southeast Asia	**-.10[-.12,-.08]**	**-0.09[-0.13,-0.06]**	**-.10[-.12,-.08]**	**-0.08[-0.12,-0.05]**	-.02[-.04,.00]	-0.02[-0.05,0.01]	.00[-.02,.02]	0.00[-0.03,0.04]	**.05[.03,.07]**	**0.03[0.01,0.06]**

Note. SR1 = standardized residual of Item 1 "When confronted with a problem, I give up easily"; SR2 = standardized residual of Item 2 "I put off difficult problems"; SR3 = standardized residual of Item 3 "I remain interested in tasks that I start"; SR4 = standardized residual of Item 4 "I

continue working on tasks until everything is perfect"; SR5 = standardized residual of Item 5 "When confronted with a problem, I do more than what is expected of me"; *r* = correlation between the standardized residual and truancy; β = standardized coefficient of the standardized residual controlling for the perseverance facet total (excluding the item to which the nuance belonged); CI = confidence interval.

Effect sizes that are significant at the .01 level and their 99%CIs are marked in bold.

Table S16

Predictive Validity of the Standardized Residuals of the Perseverance Items for 62 Countries/Regions (DV: Math Achievement)

	Country/ Region	SR1		SR2		SR3		SR4		SR5	
		r[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]
	ALB	.01[-.05,.07]	0.01[-0.05,0.07]	-.02[-.09,.04]	-0.02[-0.09,0.04]	.00[-.06,.07]	0.00[-0.06,0.07]	.01[-.04,.06]	0.01[-0.04,0.06]	.01[-.06,.07]	0.01[-0.06,0.07]
	ARE	**.36[.32,.39]**	**0.36[0.32,0.39]**	**.29[.25,.32]**	**0.29[0.25,0.32]**	**-.10[-.13,-.06]**	**-0.09[-0.13,-0.05]**	**-.08[-.12,-.05]**	**-0.08[-0.11,-0.05]**	**-.15[-.19,-.11]**	**-0.15[-0.18,-0.11]**
	ARG	**.28[.24,.32]**	**0.28[0.24,0.33]**	**.11[.07,.15]**	**0.12[0.07,0.16]**	**-.08[-.14,-.03]**	**-0.08[-0.14,-0.03]**	**-.08[-.12,-.03]**	**-0.08[-0.13,-0.03]**	**-.06[-.12,-.01]**	**-0.06[-0.12,-0.01]**
	BGR	**.22[.16,.27]**	**0.22[0.16,0.27]**	**.20[.15,.25]**	**0.20[0.15,0.25]**	.01[-.05,.06]	0.01[-0.05,0.06]	-.03[-.09,.02]	-0.03[-0.08,0.02]	**-.11[-.16,-.06]**	**-0.11[-0.16,-0.06]**
	BRA	**.26[.23,.29]**	**0.26[0.22,0.29]**	.03[-.01,.07]	0.03[-0.01,0.07]	.02[-.01,.06]	0.02[-0.01,0.06]	**-.07[-.10,-.03]**	**-0.07[-0.11,-0.03]**	**-.05[-.09,-.01]**	**-0.05[-0.09,-0.02]**
	CHL	**.21[.16,.25]**	**0.21[0.16,0.25]**	**.05[.00,.10]**	**0.06[0.01,0.11]**	.01[-.04,.06]	0.01[-0.04,0.06]	.01[-.03,.06]	0.01[-0.03,0.06]	**-.07[-.12,-.02]**	**-0.06[-0.12,-0.01]**
	COL	**.23[.17,.28]**	**0.23[0.17,0.28]**	**.09[.03,.14]**	**0.09[0.03,0.14]**	-.02[-.08,.04]	-0.02[-0.08,0.04]	**-.15[-.20,-.09]**	**-0.15[-0.20,-0.09]**	-.03[-.09,.03]	-0.03[-0.09,0.03]
Low	CRI	**.19[.13,.25]**	**0.19[0.13,0.25]**	**.11[.06,.17]**	**0.11[0.06,0.17]**	**-.08[-.15,-.01]**	**-0.08[-0.14,-0.01]**	-.05[-.11,.02]	-0.05[-0.11,0.02]	-.03[-.09,.03]	-0.03[-0.09,0.02]
loading	ESP	**.24[.21,.27]**	**0.23[0.19,0.27]**	**.05[.01,.09]**	0.04[0.00,0.08]	**.06[.02,.10]**	**0.06[0.02,0.10]**	.02[-.01,.06]	0.03[-0.01,0.06]	**-.04[-.07,.00]**	-0.04[-0.07,0.00]
	GRC	**.22[.16,.28]**	**0.22[0.17,0.28]**	**.12[.08,.17]**	**0.12[0.07,0.16]**	**.06[.01,.11]**	**0.06[0.01,0.11]**	-.02[-.07,.03]	-0.02[-0.08,0.03]	.01[-.05,.06]	0.01[-0.05,0.06]
	HKG	**.11[.06,.16]**	**0.11[0.06,0.17]**	**-.08[-.13,-.03**	**-0.08[-0.13,-0.04]**	**.14[.09,.19]**	**0.14[0.09,0.19]**	**.07[.02,.13]**	**0.07[0.01,0.13]**	.01[-.03,.06]	0.02[-0.03,0.06]
	HUN	**.12[.07,.17]**	**0.12[0.07,0.18]**	.02[-.04,.08]	0.02[-0.04,0.08]	**.06[.00,.12]**	**0.07[0.00,0.13]**	**.11[.05,.17]**	**0.11[0.05,0.17]**	**-.09[-.15,-.03]**	**-0.09[-0.15,-0.03]**
	IDN	**.15[.09,.20]**	**0.15[0.09,0.20]**	-.03[-.09,.04]	-0.03[-0.09,0.04]	.06[-.01,.12]	0.06[-0.01,0.12]	-.01[-.08,.05]	-0.01[-0.08,0.06]	.02[-.03,.08]	0.02[-0.03,0.08]
	JOR	**.31[.27,.35]**	**0.31[0.26,0.35]**	**.15[.09,.20]**	**0.15[0.09,0.21]**	.01[-.05,.06]	0.01[-0.05,0.06]	-.01[-.07,.04]	-0.01[-0.06,0.05]	**-.06[-.11,-.01]**	**-0.05[-0.10,0.00]**
	JPN	**.19[.15,.23]**	**0.19[0.14,0.23]**	**.11[.06,.15]**	**0.11[0.06,0.15]**	.02[-.03,.06]	0.02[-0.02,0.06]	.03[-.02,.07]	0.03[-0.02,0.07]	-.04[-.09,.02]	-0.04[-0.09,0.02]
	KAZ	**.14[.09,.19]**	**0.14[0.09,0.19]**	**.12[.07,.17]**	**0.12[0.06,0.17]**	-.02[-.08,.04]	-0.02[-0.08,0.04]	**-.06[-.11,.00]**	**-0.06[-0.11,-0.01]**	.04[-.01,.08]	0.04[-0.01,0.08]

Table S16 (continued).

	Country/ Region	SR1		SR2		SR3		SR4		SR5	
		r[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]
Low loading	KOR	**.21[.17,.25]**	**0.21[0.17,0.25]**	**.07[.02,.13]**	**0.07[0.02,0.12]**	.05[.00,.11]	**0.05[0.00,0.10]**	.03[-.02,.07]	0.03[-0.02,0.07]	.03[-.02,.08]	0.03[-0.02,0.08]
	LTU	**.14[.08,.19]**	**0.14[0.08,0.19]**	-.04[-.10,.01]	-0.04[-0.10,0.01]	**.07[.03,.12]**	**0.07[0.03,0.12]**	**.08[.03,.12]**	**0.08[0.03,0.12]**	.01[-.04,.06]	0.01[-0.03,0.06]
	LUX	**.22[.18,.26]**	**0.22[0.18,0.26]**	**.10[.06,.14]**	**0.10[0.06,0.14]**	**.06[.01,.11]**	**0.06[0.01,0.11]**	-.04[-.08,.00]	-0.04[-0.08,0.00]	**-.11[-.15,-.06]**	**-0.11[-0.15,-0.06]**
	MAC	**.14[.10,.18]**	**0.14[0.10,0.18]**	.01[-.03,.05]	0.01[-0.03,0.05]	**.08[.03,.13]**	**0.08[0.03,0.13]**	.00[-.04,.04]	0.00[-0.04,0.04]	**.06[.01,.10]**	**0.06[0.01,0.10]**
	MEX	**.25[.22,.27]**	**0.25[0.22,0.28]**	**.07[.05,.09]**	**0.07[0.05,0.10]**	**-.05[-.07,-.02]**	**-0.04[-0.07,-0.02]**	**-.03[-.06,.00]**	**-0.03[-0.06,0.00]**	.03[.00,.05]	0.03[0.00,0.05]
	MNE	**.25[.21,.30]**	**0.25[0.20,0.30]**	**.15[.09,.20]**	**0.14[0.09,0.20]**	-.01[-.06,.05]	0.00[-0.06,0.05]	-.04[-.10,.01]	-0.04[-0.10,0.02]	**-.07[-.12,-.02]**	**-0.07[-0.12,-0.02]**
	MYS	**.24[.19,.28]**	**0.23[0.18,0.29]**	**.08[.03,.13]**	**0.08[0.03,0.13]**	.01[-.04,.06]	0.01[-0.04,0.06]	-.02[-.07,.03]	-0.02[-0.07,0.02]	**-.06[-.10,-.01]**	**-0.05[-0.10,-0.01]**
	NLD	**.17[.11,.23]**	**0.17[0.11,0.24]**	-.04[-.11,.02]	-0.04[-0.11,0.02]	.05[.00,.11]	0.05[0.00,0.11]	.00[-.05,.06]	0.00[-0.05,0.05]	**-.10[-.16,-.04]**	**-0.10[-0.16,-0.05]**
	PER	**.28[.24,.32]**	**0.28[0.24,0.32]**	**.10[.05,.16]**	**0.10[0.05,0.15]**	**-.06[-.10,-.02]**	**-0.06[-0.10,-0.02]**	**-.15[-.20,-.10]**	**-0.15[-0.20,-0.10]**	.01[-.03,.06]	0.01[-0.03,0.06]
	QAT	**.31[.28,.34]**	**0.31[0.28,0.34]**	**.26[.23,.29]**	**0.26[0.23,0.29]**	-.03[-.06,.00]	-0.03[-0.06,0.00]	**-.07[-.10,-.03]**	**-0.07[-0.10,-0.03]**	**-.11[-.15,-.08]**	**-0.11[-0.14,-0.08]**
	QCN	**.13[.09,.18]**	**0.13[0.09,0.18]**	-.01[-.06,.04]	-0.01[-0.06,0.04]	.04[-.01,.08]	0.04[0.00,0.08]	.03[-.01,.07]	0.03[-0.01,0.07]	.05[-.01,.10]	0.05[0.00,0.10]
	ROU	**.16[.10,.22]**	**0.16[0.10,0.22]**	**.06[.01,.12]**	**0.06[0.01,0.12]**	.03[-.02,.08]	0.03[-0.02,0.08]	-.01[-.06,.05]	-0.01[-0.06,0.05]	-.03[-.08,.03]	-0.03[-0.08,0.03]
	SGP	**.22[.17,.27]**	**0.22[0.17,0.27]**	**.18[.13,.22]**	**0.18[0.13,0.22]**	**-.08[-.13,-.03]**	**-0.08[-0.13,-0.03]**	-.05[-.10,.00]	-0.05[-0.10,0.00]	**-.14[-.19,-.09]**	**-0.14[-0.19,-0.09]**
	SRB	**.19[.15,.24]**	**0.19[0.15,0.24]**	**.06[.00,.12]**	**0.06[0.00,0.12]**	.02[-.02,.07]	0.02[-0.02,0.07]	.04[-.03,.11]	0.04[-0.03,0.11]	**-.13[-.19,-.07]**	**-0.13[-0.19,-0.07]**
	SVN	**.26[.21,.30]**	**0.26[0.20,0.31]**	.02[-.04,.08]	0.01[-0.05,0.07]	-.01[-.07,.04]	-0.01[-0.06,0.04]	.02[-.03,.07]	0.02[-0.03,0.07]	**-.14[-.20,-.08]**	**-0.14[-0.20,-0.08]**
	THA	**.19[.14,.23]**	**0.19[0.14,0.23]**	.01[-.04,.06]	0.02[-0.03,0.06]	**.11[.06,.15]**	**0.11[0.06,0.15]**	**.07[.02,.11]**	**0.07[0.03,0.11]**	.02[-.03,.07]	0.02[-0.02,0.07]
	TUN	**.24[.20,.29]**	**0.24[0.19,0.29]**	**.08[.02,.15]**	**0.08[0.02,0.15]**	.03[-.03,.09]	0.03[-0.03,0.09]	-.05[-.10,.01]	-0.05[-0.10,0.01]	-.05[-.10,.01]	-0.05[-0.10,0.01]

Table S16 (continued).

	Country/ Region	SR1		SR2		SR3		SR4		SR5	
		r[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]
Low loading	TUR	**.23[.18,.27]**	**0.23[0.18,0.28]**	**.14[.09,.18]**	**0.14[0.09,0.18]**	-.01[-.07,.06]	-0.01[-0.07,0.06]	**-.08[-.14,-.02]**	**-0.08[-0.13,-0.02]**	**-.09[-.13,-.04]**	**-0.09[-0.13,-0.04]**
	URY	**.28[.23,.34]**	**0.29[0.22,0.35]**	**.08[.02,.13]**	**0.08[0.03,0.13]**	-.04[-.09,.01]	-0.04[-0.09,0.01]	**-.05[-.10,-.01]**	**-0.05[-0.10,0.00]**	**-.07[-.12,-.01]**	**-0.06[-0.12,-0.01]**
	VNM	**.16[.11,.21]**	**0.16[0.11,0.21]**	**.07[.01,.12]**	**0.07[0.01,0.12]**	.03[-.02,.08]	0.03[-0.02,0.07]	**-.07[-.12,-.02]**	**-0.07[-0.12,-0.02]**	-.04[-.10,.02]	-0.04[-0.10,0.02]
High loading	USA	**.25[.21,.29]**	**0.24[0.20,0.29]**	**.13[.08,.17]**	**0.13[0.08,0.17]**	-.04[-.09,.01]	-0.04[-0.09,0.01]	.02[-.02,.07]	0.02[-0.03,0.06]	**-.06[-.11,.00]**	**-0.06[-0.12,-0.01]**
	AUS	**.23[.20,.27]**	**0.24[0.20,0.27]**	**.07[.04,.10]**	**0.07[0.04,0.10]**	.02[-.01,.05]	0.02[-0.01,0.05]	**.04[.00,.07]**	**0.03[0.00,0.06]**	.00[-.04,.03]	-0.01[-0.04,0.03]
	AUT	**.25[.21,.29]**	**0.25[0.21,0.30]**	.04[-.01,.10]	0.04[-0.01,0.10]	.04[-.01,.09]	0.04[-0.01,0.09]	-.03[-.09,.02]	-0.03[-0.09,0.02]	**-.09[-.15,-.03]**	**-0.09[-0.15,-0.03]**
	BEL	**.21[.16,.25]**	**0.21[0.16,0.25]**	.04[.00,.09]	0.04[-0.01,0.09]	.04[-.01,.09]	0.04[-0.01,0.09]	.00[-.04,.04]	0.00[-0.04,0.04]	**-.09[-.14,-.05]**	**-0.10[-0.14,-0.05]**
	CAN	**.24[.21,.27]**	**0.25[0.21,0.28]**	**.09[.05,.12]**	**0.09[0.05,0.12]**	.00[-.04,.04]	0.00[-0.04,0.03]	.01[-.03,.05]	0.01[-0.03,0.05]	-.02[-.05,.01]	-0.02[-0.05,0.01]
	CHE	**.28[.24,.31]**	**0.28[0.24,0.32]**	**.07[.03,.11]**	**0.07[0.03,0.11]**	**.09[.05,.13]**	**0.10[0.05,0.14]**	**-.06[-.10,-.01]**	**-0.06[-0.11,-0.02]**	**-.20[-.24,-.16]**	**-0.20[-0.24,-0.16]**
	CZE	**.20[.14,.26]**	**0.20[0.14,0.26]**	-.03[-.08,.02]	-0.03[-0.08,0.02]	.04[-.03,.10]	0.04[-0.02,0.10]	.03[-.02,.08]	0.03[-0.02,0.09]	**-.07[-.14,.00]**	**-0.07[-0.14,0.00]**
	DEU	**.24[.19,.28]**	**0.23[0.18,0.29]**	**.09[.03,.15]**	**0.09[0.03,0.14]**	**.08[.03,.12]**	**0.08[0.03,0.12]**	-.04[-.10,.02]	-0.04[-0.10,0.02]	**-.09[-.15,-.03]**	**-0.09[-0.15,-0.03]**
	DNK	**.31[.26,.35]**	**0.30[0.25,0.35]**	**.06[.01,.12]**	**0.05[0.00,0.11]**	.01[-.04,.06]	0.01[-0.04,0.05]	.03[-.03,.08]	0.03[-0.02,0.08]	-.02[-.08,.04]	-0.01[-0.07,0.04]
	EST	**.13[.07,.18]**	**0.13[0.07,0.18]**	-.03[-.09,.03]	-0.03[-0.09,0.03]	-.05[-.11,.00]	-0.05[-0.11,0.00]	**.07[.01,.12]**	**0.07[0.01,0.12]**	-.03[-.09,.03]	-0.03[-0.09,0.03]
	FIN	**.15[.10,.19]**	**0.15[0.11,0.19]**	**.18[.14,.22]**	**0.16[0.13,0.20]**	**.07[.02,.11]**	**0.06[0.02,0.10]**	**.09[.05,.14]**	**0.08[0.04,0.13]**	.00[-.05,.05]	-0.01[-0.06,0.04]
	FRA	**.32[.27,.36]**	**0.32[0.27,0.37]**	**.18[.13,.22]**	**0.18[0.13,0.23]**	-.01[-.05,.04]	0.00[-0.05,0.05]	-.05[-.09,.00]	**-0.05[-0.09,0.00]**	**-.12[-.17,-.06]**	**-0.12[-0.18,-0.06]**
	GBR	**.26[.22,.30]**	**0.26[0.22,0.31]**	**.12[.07,.17]**	**0.12[0.07,0.16]**	-.02[-.06,.03]	-0.02[-0.06,0.03]	.03[-.05,.11]	0.03[-0.04,0.11]	**-.07[-.11,-.02]**	**-0.07[-0.11,-0.03]**

Table S16 (continued).

	Country/ Region	SR1		SR2		SR3		SR4		SR5	
		r[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]
	HRV	**.18[.13,.23]**	**0.18[0.13,0.23]**	.02[-.03,.08]	0.02[-0.03,0.08]	-.01[-.06,.04]	-0.01[-0.06,0.04]	.00[-.06,.07]	0.00[-0.06,0.07]	**-.11[-.16,-.06]**	**-0.11[-0.16,-0.06]**
	IRL	**.26[.21,.30]**	**0.26[0.21,0.31]**	**.11[.07,.16]**	**0.12[0.07,0.16]**	-.03[-.08,.03]	-0.03[-0.08,0.02]	.00[-.05,.05]	0.00[-0.05,0.04]	-.01[-.06,.04]	-0.01[-0.06,0.03]
	ISL	**.31[.26,.35]**	**0.31[0.26,0.36]**	**.13[.08,.19]**	**0.13[0.08,0.19]**	.02[-.05,.08]	0.02[-0.04,0.08]	**.07[.01,.12]**	**0.06[0.01,0.12]**	**-.06[-.12,.00]**	**-0.06[-0.12,-0.01]**
	ISR	**.27[.21,.33]**	**0.27[0.21,0.33]**	.04[-.01,.09]	0.04[-0.01,0.09]	**-.10[-.16,-.04]**	**-0.10[-0.16,-0.04]**	**-.10[-.15,-.05]**	**-0.10[-0.16,-0.05]**	**-.13[-.18,-.07]**	**-0.13[-0.19,-0.07]**
	ITA	**.21[.19,.23]**	**0.21[0.19,0.24]**	**.14[.11,.17]**	**0.15[0.12,0.18]**	-.02[-.04,.01]	-0.02[-0.05,0.01]	**-.07[-.10,-.04]**	**-0.07[-0.10,-0.04]**	**-.09[-.12,-.06]**	**-0.10[-0.13,-0.07]**
	LVA	**.10[.03,.17]**	**0.11[0.04,0.18]**	**.07[.01,.14]**	**0.08[0.02,0.14]**	.05[-.01,.12]	0.05[-0.01,0.11]	**.07[.01,.13]**	**0.07[0.02,0.13]**	.00[-.06,.06]	0.00[-0.06,0.06]
High	NOR	**.27[.22,.31]**	**0.27[0.22,0.32]**	**.14[.09,.20]**	**0.14[0.09,0.20]**	.06[.00,.12]	**0.06[0.01,0.11]**	-.01[-.06,.05]	-0.01[-0.05,0.04]	-.03[-.08,.02]	-0.03[-0.08,0.02]
loading	NZL	**.28[.23,.32]**	**0.28[0.23,0.33]**	**.13[.08,.17]**	**0.13[0.09,0.18]**	-.02[-.08,.04]	-0.01[-0.07,0.04]	.00[-.05,.05]	0.00[-0.04,0.05]	-.04[-.10,.02]	-0.04[-0.10,0.01]
	POL	**.11[.05,.16]**	**0.11[0.05,0.16]**	**.12[.07,.18]**	**0.13[0.07,0.18]**	**.12[.07,.17]**	**0.12[0.07,0.17]**	**.09[.03,.15]**	**0.09[0.04,0.15]**	-.04[-.09,.01]	-0.04[-0.08,0.01]
	PRT	**.32[.28,.36]**	**0.32[0.27,0.36]**	**.20[.15,.25]**	**0.20[0.15,0.25]**	-.05[-.09,.00]	-0.04[-0.08,0.01]	**-.07[-.12,-.03]**	**-0.07[-0.11,-0.03]**	**-.09[-.14,-.04]**	**-0.09[-0.13,-0.04]**
	SVK	**.33[.28,.37]**	**0.33[0.28,0.38]**	**.18[.13,.23]**	**0.18[0.13,0.23]**	-.02[-.08,.03]	-0.03[-0.08,0.03]	-.06[-.12,.00]	-0.06[-0.12,0.00]	**-.14[-.20,-.08]**	**-0.14[-0.20,-0.09]**
	SWE	**.28[.22,.33]**	**0.28[0.22,0.33]**	**.23[.18,.27]**	**0.23[0.17,0.28]**	.02[-.04,.08]	0.02[-0.03,0.07]	**-.08[-.14,-.03]**	**-0.08[-0.13,-0.03]**	**-.08[-.13,-.03]**	**-0.08[-0.13,-0.03]**
	TAP	**.24[.19,.28]**	**0.24[0.19,0.28]**	**.15[.11,.19]**	**0.15[0.11,0.19]**	.01[-.04,.06]	0.01[-0.03,0.06]	-.02[-.07,.03]	-0.02[-0.07,0.03]	-.04[-.08,.01]	-0.04[-0.08,0.01]

Note. SR1 = standardized residual of Item 1 “When confronted with a problem, I give up easily”; SR2 = standardized residual of Item 2 “I put off difficult problems”; SR3 = standardized residual of Item 3 “I remain interested in tasks that I start”; SR4 = standardized residual of Item 4 “I continue working on tasks until everything is perfect”; SR5 = standardized residual of Item 5 “When confronted with a problem, I do more than what is expected of me”; *r* = correlation between the standardized residual and math achievement; *β* = standardized coefficient of the standardized residual controlling for the perseverance facet total (excluding the item to which the nuance belonged); CI =

confidence interval; Low loading = countries/regions with low (i.e., $\lambda < .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; High loading = countries/regions with higher (i.e., $\lambda \geq .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; USA = United States of America; ALB = Albania; ARE = United Arab Emirates; ARG = Argentina; AUS = Australia; AUT = Austria; BEL = Belgium; BGR = Bulgaria; BRA = Brazil; CAN = Canada; CHE = Switzerland; CHL = Chile; COL = Colombia; CRI = Costa Rica; CZE = Czech Republic; DEU = Germany; DNK = Denmark; ESP = Spain; EST = Estonia; FIN = Finland; FRA = France; GBR = United Kingdom; GRC = Greece; HKG = Hong Kong-China; HRV = Croatia; HUN = Hungary; IDN = Indonesia; IRL = Ireland; ISL = Iceland; ISR = Israel; ITA = Italy; JOR = Jordan; JPN = Japan; KAZ = Kazakhstan; KOR = Korea; LTU = Lithuania; LUX = Luxembourg; LVA = Latvia; MAC = Macao-China; MEX = Mexico; MNE = Montenegro; MYS = Malaysia; NLD = Netherlands; NOR = Norway; NZL = New Zealand; PER = Peru; POL = Poland; PRT = Portugal; QAT = Qatar; QCN = Shanghai-China; ROU = Romania; SGP = Singapore; SRB = Serbia; SVK = Slovak Republic; SVN = Slovenia; SWE = Sweden; TAP = Chinese Taipei; THA = Thailand; TUN = Tunisia; TUR = Turkey; URY = Uruguay; VNM = Vietnam.

Effect sizes that are significant at the .01 level and their 99%CIs are marked in bold.

Table S17

Predictive Validity of the Standardized Residuals of the Perseverance Items for 62 Countries/Regions (DV: Truancy)

	Country/ Region	SR1		SR2		SR3		SR4		SR5	
		r[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]
Low	ALB	**-.07[-.12,-.02]**	-0.06[-0.12,0.00]	**-.07[-.12,-.02]**	**-0.07[-0.12,-0.01]**	**-.07[-.12,-.02]**	**-0.07[-0.13,-0.01]**	**-.10[-.15,-.05]**	**-0.11[-0.17,-0.05]**	.00[-.05,.05]	0.00[-0.05,0.06]
	ARE	**-.08[-.11,-.05]**	**-0.06[-0.10,-0.02]**	**-.08[-.11,-.05]**	**-0.08[-0.12,-0.04]**	**-.05[-.08,-.01]**	**-0.06[-0.11,-0.01]**	-.03[-.06,.00]	**-0.05[-0.08,-0.02]**	.01[-.02,.04]	0.00[-0.05,0.04]
	ARG	**-.10[-.14,-.06]**	**-0.10[-0.15,-0.05]**	-.03[-.08,.01]	-0.02[-0.07,0.03]	-.01[-.05,.04]	-0.01[-0.05,0.04]	-.02[-.06,.02]	-0.02[-0.08,0.04]	.01[-.04,.05]	0.00[-0.05,0.04]
	BGR	-.02[-.06,.03]	-0.02[-0.08,0.04]	-.01[-.06,.03]	-0.01[-0.07,0.04]	**-.07[-.11,-.02]**	**-0.06[-0.11,-0.01]**	**-.09[-.13,-.04]**	**-0.09[-0.14,-0.03]**	-.02[-.07,.02]	-0.03[-0.08,0.03]
	BRA	**-.04[-.06,-.01]**	-0.02[-0.06,0.01]	-.01[-.03,.02]	0.01[-0.03,0.04]	**-.05[-.08,-.03]**	**-0.05[-0.09,-0.01]**	**-.05[-.07,-.03]**	**-0.05[-0.09,-0.02]**	-.02[-.04,.00]	-0.02[-0.05,0.02]
	CHL	**-.07[-.11,-.03]**	**-0.07[-0.11,-0.03]**	-.01[-.05,.02]	-0.01[-0.06,0.05]	.00[-.04,.04]	0.01[-0.04,0.06]	**-.07[-.11,-.04]**	**-0.07[-0.12,-0.03]**	-.01[-.04,.03]	-0.03[-0.09,0.04]
	COL	**-.04[-.08,.00]**	-0.01[-0.07,0.04]	**-.04[-.07,.00]**	-0.03[-0.08,0.02]	-.01[-.04,.03]	-0.01[-0.08,0.05]	**-.08[-.11,-.04]**	**-0.09[-0.13,-0.04]**	-.01[-.05,.02]	-0.04[-0.10,0.01]
	CRI	-.05[-.09,.00]	-0.03[-0.09,0.03]	-.02[-.07,.03]	-0.02[-0.07,0.03]	**-.07[-.12,-.02]**	**-0.08[-0.13,-0.03]**	**-.06[-.10,-.01]**	**-0.07[-0.13,-0.01]**	-.02[-.07,.02]	-0.03[-0.10,0.03]
	ESP	**-.05[-.07,-.02]**	**-0.06[-0.09,-0.02]**	.02[.00,.04]	0.00[-0.04,0.03]	**-.08[-.10,-.06]**	**-0.06[-0.09,-0.02]**	**-.07[-.09,-.05]**	**-0.07[-0.10,-0.04]**	-.01[-.03,.01]	0.01[-0.03,0.05]
	GRC	**-.10[-.14,-.05]**	**-0.10[-0.16,-0.04]**	-.04[-.08,.01]	-0.04[-0.09,0.01]	-.01[-.05,.04]	-0.01[-0.06,0.04]	**-.11[-.16,-.07]**	**-0.10[-0.16,-0.04]**	.00[-.04,.05]	0.01[-0.04,0.06]
	HKG	**-.06[-.11,-.01]**	-0.05[-0.11,0.00]	-.03[-.07,.02]	-0.03[-0.08,0.03]	-.01[-.06,.03]	-0.02[-0.07,0.04]	.01[-.03,.06]	0.01[-0.05,0.08]	.02[-.03,.07]	0.02[-0.03,0.08]
	HUN	-.01[-.05,.04]	-0.01[-0.08,0.07]	-.03[-.07,.02]	-0.01[-0.07,0.05]	**-.05[-.10,.00]**	**-0.07[-0.12,-0.02]**	**-.06[-.11,-.02]**	**-0.07[-0.13,-0.01]**	.04[-.01,.08]	0.03[-0.03,0.10]
	IDN	**-.08[-.12,-.04]**	**-0.07[-0.13,-0.02]**	-.04[-.08,.00]	-0.04[-0.09,0.02]	.00[-.05,.04]	0.00[-0.05,0.05]	.00[-.05,.04]	0.00[-0.06,0.06]	.00[-.05,.04]	0.00[-0.05,0.04]
	JOR	**-.09[-.13,-.05]**	**-0.10[-0.14,-0.05]**	-.03[-.07,.01]	-0.04[-0.08,0.00]	-.04[-.08,.00]	-0.03[-0.09,0.03]	**-.05[-.09,-.01]**	-0.04[-0.09,0.01]	**-.04[-.08,.00]**	-0.05[-0.10,0.00]
	JPN	**-.07[-.11,-.03]**	**-0.07[-0.12,-0.03]**	.00[-.04,.04]	0.00[-0.04,0.05]	-.02[-.06,.02]	-0.03[-0.08,0.03]	-.03[-.07,.01]	-0.04[-0.08,0.01]	-.01[-.05,.03]	-0.02[-0.06,0.03]
	KAZ	**-.08[-.13,-.04]**	**-0.08[-0.14,-0.02]**	**-.12[-.16,-.08]**	**-0.12[-0.18,-0.07]**	-.02[-.06,.02]	-0.01[-0.07,0.04]	-.04[-.08,.00]	-0.04[-0.09,0.02]	.02[-.02,.06]	0.02[-0.03,0.07]
	KOR	**-.05[-.09,-.01]**	-0.05[-0.12,0.01]	.01[-.03,.06]	0.00[-0.05,0.06]	**-.06[-.10,-.01]**	-0.05[-0.11,0.01]	-.02[-.07,.02]	-0.02[-0.07,0.03]	**-.05[-.09,.00]**	-0.04[-0.11,0.02]
	LTU	-.03[-.07,.02]	-0.03[-0.09,0.03]	-.03[-.07,.02]	-0.02[-0.09,0.04]	**-.06[-.10,-.01]**	**-0.06[-0.11,0.00]**	**-.06[-.10,-.01]**	**-0.07[-0.12,-0.01]**	.02[-.03,.06]	0.02[-0.04,0.08]

Table S17 (continued).

	Country/ Region	SR1		SR2		SR3		SR4		SR5	
		r[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]
Low	LUX	**-.07[-.11,-.02]**	**-0.07[-0.12,-0.01]**	-.04[-.09,.00]	-0.04[-0.10,0.01]	-.02[-.07,.02]	-0.02[-0.07,0.02]	**-.06[-.10,-.01]**	**-0.06[-0.11,-0.01]**	-.02[-.06,.03]	-0.02[-0.07,0.04]
	MAC	-.03[-.07,.02]	-0.03[-0.06,0.01]	**-.05[-.09,.00]**	**-0.04[-0.09,0.00]**	-.01[-.05,.04]	-0.01[-0.05,0.04]	.00[-.05,.04]	0.00[-0.05,0.04]	-.02[-.06,.03]	-0.02[-0.06,0.03]
	MEX	**-.06[-.08,-.04]**	**-0.06[-0.09,-0.03]**	**-.04[-.05,-.02]**	**-0.03[-0.06,0.00]**	**-.08[-.10,-.06]**	**-0.08[-0.11,-0.05]**	**-.05[-.07,-.03]**	**-0.04[-0.07,-0.02]**	.00[-.02,.02]	0.00[-0.02,0.03]
	MNE	-.02[-.07,.02]	-0.01[-0.07,0.04]	-.01[-.06,.04]	-0.01[-0.06,0.05]	**-.09[-.13,-.04]**	**-0.09[-0.15,-0.04]**	**-.07[-.12,-.03]**	**-0.07[-0.12,-0.02]**	-.04[-.09,.01]	-0.05[-0.11,0.01]
	MYS	**-.09[-.13,-.04]**	**-0.08[-0.14,-0.03]**	**-.06[-.10,-.02]**	-0.05[-0.11,0.01]	-.03[-.07,.02]	-0.03[-0.08,0.02]	**-.05[-.09,.00]**	**-0.06[-0.11,0.00]**	.03[-.02,.07]	0.02[-0.03,0.08]
	NLD	.00[-.05,.04]	0.00[-0.06,0.06]	**-.06[-.11,-.01]**	**-0.07[-0.13,-0.01]**	-.03[-.08,.02]	-0.03[-0.09,0.02]	**-.06[-.11,-.01]**	**-0.07[-0.13,-0.01]**	-.03[-.08,.01]	-0.03[-0.08,0.02]
	PER	**-.08[-.12,-.03]**	**-0.08[-0.12,-0.03]**	**-.05[-.09,-.01]**	-0.04[-0.09,0.00]	**-.05[-.09,-.01]**	**-0.06[-0.10,-0.01]**	**-.05[-.09,.00]**	-0.05[-0.10,0.01]	-.02[-.07,.02]	-0.03[-0.08,0.02]
	QAT	**-.09[-.12,-.05]**	**-0.08[-0.12,-0.05]**	**-.05[-.08,-.01]**	**-0.05[-0.07,-0.02]**	**-.06[-.09,-.03]**	**-0.06[-0.09,-0.03]**	**-.05[-.08,-.02]**	**-0.05[-0.09,-0.01]**	**-.06[-.09,-.02]**	**-0.06[-0.09,-0.02]**
	QCN	-.02[-.06,.03]	-0.01[-0.08,0.05]	**-.06[-.11,-.02]**	**-0.07[-0.11,-0.02]**	-.04[-.08,.00]	-0.05[-0.09,0.00]	-.02[-.06,.03]	-0.02[-0.07,0.03]	.01[-.04,.05]	0.01[-0.03,0.05]
	ROU	**-.05[-.09,.00]**	-0.05[-0.11,0.00]	-.02[-.07,.02]	-0.03[-0.08,0.03]	**-.06[-.10,-.01]**	**-0.06[-0.11,-0.01]**	**-.06[-.11,-.02]**	**-0.06[-0.12,0.00]**	-.02[-.06,.03]	-0.02[-0.07,0.04]
	SGP	**-.07[-.11,-.02]**	**-0.07[-0.11,-0.03]**	**-.07[-.11,-.03]**	**-0.07[-0.12,-0.03]**	.02[-.03,.06]	0.02[-0.03,0.07]	.02[-.03,.06]	0.02[-0.03,0.06]	.02[-.02,.06]	0.02[-0.02,0.06]
	SRB	**-.07[-.12,-.02]**	**-0.08[-0.13,-0.02]**	**-.11[-.16,-.06]**	**-0.12[-0.18,-0.06]**	-.02[-.07,.02]	-0.02[-0.07,0.03]	-.03[-.08,.02]	-0.02[-0.08,0.03]	.02[-.03,.06]	0.02[-0.04,0.08]
	SVN	**-.05[-.09,-.01]**	-0.05[-0.12,0.02]	**-.05[-.09,-.01]**	-0.05[-0.10,0.01]	.00[-.05,.04]	0.00[-0.06,0.06]	**-.10[-.14,-.05]**	**-0.11[-0.17,-0.05]**	.02[-.02,.07]	0.03[-0.02,0.09]
	THA	**-.08[-.12,-.05]**	**-0.08[-0.12,-0.04]**	-.03[-.07,.01]	-0.04[-0.07,0.00]	**-.06[-.10,-.02]**	**-0.07[-0.11,-0.02]**	**-.06[-.09,-.02]**	**-0.06[-0.10,-0.03]**	-.01[-.05,.03]	-0.02[-0.07,0.03]
	TUN	**-.11[-.16,-.06]**	**-0.11[-0.16,-0.06]**	**-.07[-.12,-.02]**	**-0.07[-0.12,-0.02]**	.00[-.05,.05]	0.00[-0.05,0.06]	-.03[-.08,.02]	-0.03[-0.08,0.02]	-.03[-.08,.02]	-0.03[-0.08,0.03]
	TUR	**-.07[-.12,-.03]**	**-0.07[-0.12,-0.02]**	**-.06[-.10,-.01]**	-0.05[-0.11,0.00]	-.02[-.07,.02]	-0.02[-0.07,0.03]	-.03[-.07,.02]	-0.03[-0.09,0.03]	.02[-.02,.07]	0.02[-0.04,0.08]
	URY	-.04[-.08,.01]	-0.04[-0.09,0.01]	-.04[-.09,.00]	-0.03[-0.08,0.01]	**-.07[-.12,-.03]**	**-0.08[-0.14,-0.02]**	**-.11[-.16,-.07]**	**-0.11[-0.17,-0.05]**	.00[-.04,.05]	0.00[-0.05,0.05]
	VNM	**-.08[-.12,-.03]**	**-0.09[-0.14,-0.03]**	**-.09[-.13,-.04]**	**-0.10[-0.15,-0.04]**	.01[-.04,.05]	0.01[-0.04,0.05]	.01[-.03,.06]	0.02[-0.05,0.08]	.04[.00,.09]	**0.05[0.00,0.11]**

Table S17 (continued).

	Country/ Region	SR1		SR2		SR3		SR4		SR5	
		r[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]
High	USA	**-.06[-.09,-.03]**	**-0.06[-0.11,-0.01]**	-.03[-.06,.00]	-0.02[-0.07,0.04]	**-.07[-.10,-.04]**	**-0.06[-0.11,-0.01]**	**-.04[-.07,-.01]**	**-0.07[-0.12,-0.02]**	-.01[-.04,.02]	-0.03[-0.07,0.01]
	AUS	**-.09[-.12,-.06]**	**-0.08[-0.11,-0.04]**	**-.05[-.08,-.03]**	**-0.04[-0.07,-0.01]**	-.02[-.05,.00]	-0.04[-0.08,0.00]	**-.06[-.08,-.03]**	**-0.05[-0.08,-0.02]**	-.02[-.05,.00]	**-0.03[-0.06,0.00]**
	AUT	-.04[-.09,.01]	**-0.04[-0.08,0.00]**	**-.05[-.10,.00]**	**-0.05[-0.10,0.00]**	-.01[-.06,.03]	0.00[-0.06,0.05]	-.03[-.08,.01]	-0.03[-0.08,0.02]	.01[-.03,.06]	0.02[-0.04,0.07]
	BEL	**-.05[-.08,-.01]**	-0.04[-0.09,0.00]	**-.04[-.07,.00]**	**-0.05[-0.09,-0.01]**	-.01[-.05,.02]	-0.01[-0.05,0.03]	**-.05[-.08,-.01]**	**-0.04[-0.07,-0.01]**	-.01[-.04,.03]	0.00[-0.04,0.05]
	CAN	**-.08[-.10,-.06]**	**-0.07[-0.11,-0.03]**	**-.04[-.06,-.01]**	-0.03[-0.07,0.01]	**-.03[-.05,-.01]**	-0.03[-0.07,0.00]	**-.05[-.08,-.03]**	**-0.06[-0.10,-0.02]**	-.01[-.03,.01]	-0.01[-0.05,0.02]
	CHE	**-.07[-.10,-.04]**	**-0.08[-0.13,-0.03]**	**-.04[-.07,-.01]**	-0.02[-0.06,0.02]	**-.03[-.06,.00]**	**-0.05[-0.10,-0.01]**	**-.07[-.10,-.03]**	**-0.07[-0.12,-0.03]**	.00[-.03,.03]	0.00[-0.04,0.05]
	CZE	-.01[-.05,.04]	0.00[-0.07,0.06]	.01[-.04,.05]	0.02[-0.04,0.08]	-.03[-.08,.01]	-0.01[-0.06,0.04]	**-.07[-.11,-.03]**	**-0.10[-0.15,-0.05]**	-.01[-.05,.04]	-0.01[-0.06,0.04]
	DEU	**-.07[-.11,-.02]**	**-0.07[-0.13,0.00]**	-.05[-.10,.00]	-0.05[-0.10,0.01]	-.02[-.07,.03]	-0.02[-0.08,0.04]	-.01[-.05,.04]	0.00[-0.06,0.05]	-.01[-.06,.04]	-0.01[-0.07,0.05]
	DNK	**-.12[-.16,-.08]**	**-0.12[-0.19,-0.05]**	**-.11[-.15,-.07]**	**-0.12[-0.17,-0.08]**	-.01[-.05,.03]	0.01[-0.05,0.07]	-.02[-.06,.02]	-0.04[-0.08,0.01]	**.04[.00,.08]**	0.04[-0.01,0.09]
	EST	-.03[-.07,.02]	-0.04[-0.10,0.03]	**-.07[-.11,-.02]**	**-0.06[-0.12,0.00]**	-.03[-.07,.02]	-0.03[-0.07,0.02]	**-.07[-.12,-.03]**	**-0.07[-0.13,0.00]**	.03[-.02,.07]	0.02[-0.03,0.08]
	FIN	**-.05[-.09,-.02]**	**-0.05[-0.10,0.00]**	**-.05[-.09,-.02]**	-0.02[-0.06,0.02]	**-.04[-.08,-.01]**	**-0.06[-0.10,-0.02]**	**-.05[-.09,-.02]**	**-0.08[-0.12,-0.04]**	.00[-.04,.03]	0.01[-0.03,0.05]
	FRA	**-.06[-.10,-.01]**	**-0.06[-0.11,0.00]**	-.04[-.09,.00]	-0.05[-0.10,0.00]	-.01[-.06,.03]	-0.02[-0.06,0.03]	**-.07[-.11,-.02]**	**-0.07[-0.11,-0.02]**	.00[-.05,.05]	0.00[-0.06,0.07]
	GBR	**-.07[-.10,-.04]**	**-0.07[-0.13,-0.02]**	**-.04[-.07,-.01]**	**-0.07[-0.12,-0.02]**	**-.03[-.06,.00]**	-0.03[-0.09,0.02]	**-.04[-.07,-.01]**	-0.01[-0.06,0.04]	.00[-.03,.03]	0.01[-0.04,0.05]
	HRV	-.04[-.08,.01]	-0.04[-0.09,0.02]	-.04[-.09,.00]	-0.04[-0.10,0.02]	-.02[-.07,.02]	-0.02[-0.08,0.04]	-.04[-.09,.00]	-0.04[-0.10,0.02]	.03[-.01,.08]	0.03[-0.03,0.09]
	IRL	-.02[-.06,.03]	-0.01[-0.07,0.04]	-.03[-.08,.01]	-0.03[-0.08,0.02]	-.02[-.07,.02]	-0.03[-0.09,0.03]	**-.06[-.11,-.02]**	**-0.07[-0.12,-0.03]**	.02[-.03,.06]	0.02[-0.02,0.07]
	ISL	**-.13[-.18,-.07]**	**-0.13[-0.20,-0.05]**	-.03[-.08,.03]	-0.03[-0.09,0.04]	-.01[-.06,.05]	-0.01[-0.07,0.05]	**-.12[-.18,-.07]**	**-0.12[-0.18,-0.06]**	-.01[-.07,.04]	-0.01[-0.07,0.05]
	ISR	**-.08[-.12,-.03]**	**-0.08[-0.14,-0.01]**	**-.08[-.13,-.03]**	**-0.07[-0.12,-0.01]**	.01[-.04,.06]	0.01[-0.05,0.06]	**-.06[-.10,-.01]**	**-0.06[-0.12,0.00]**	.00[-.04,.05]	0.00[-0.06,0.06]
	ITA	**-.02[-.04,.00]**	-0.01[-0.04,0.01]	**-.03[-.04,-.01]**	-0.02[-0.05,0.01]	**-.05[-.07,-.03]**	**-0.05[-0.08,-0.02]**	**-.05[-.07,-.04]**	**-0.04[-0.07,-0.01]**	**.03[.01,.05]**	0.00[-0.03,0.03]

Table S17 (continued).

	Country/ Region	SR1		SR2		SR3		SR4		SR5	
		r[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]	*r*[99%CI]	*β*[99%CI]
High	LVA	.01[-.04,.06]	0.01[-0.04,0.06]	-.01[-.06,.04]	-0.01[-0.07,0.05]	**-.06[-.11,-.01]**	**-0.07[-0.13,-0.02]**	**-.09[-.14,-.04]**	**-0.09[-0.14,-0.04]**	.02[-.03,.07]	0.02[-0.04,0.08]
	NOR	**-.12[-.16,-.07]**	**-0.12[-0.19,-0.05]**	**-.06[-.10,-.01]**	-0.05[-0.12,0.02]	-.02[-.07,.03]	-0.02[-0.07,0.04]	-.02[-.07,.03]	-0.02[-0.07,0.03]	.01[-.04,.06]	0.01[-0.05,0.07]
	NZL	**-.12[-.17,-.07]**	**-0.12[-0.18,-0.07]**	-.03[-.08,.02]	-0.04[-0.10,0.02]	.01[-.04,.06]	0.01[-0.04,0.06]	**-.06[-.11,-.01]**	-0.05[-0.10,0.00]	-.03[-.08,.02]	-0.01[-0.07,0.04]
	POL	.01[-.04,.06]	0.02[-0.04,0.08]	-.05[-.09,.00]	-0.05[-0.11,0.01]	**-.08[-.12,-.03]**	**-0.08[-0.13,-0.03]**	**-.08[-.12,-.03]**	**-0.07[-0.14,-0.01]**	.01[-.04,.06]	0.01[-0.04,0.06]
	PRT	**-.06[-.11,-.02]**	-0.08[-0.17,0.02]	-.04[-.08,.00]	-0.05[-0.11,0.00]	-.04[-.08,.00]	-0.03[-0.11,0.05]	**-.05[-.09,-.01]**	-0.05[-0.12,0.02]	.01[-.04,.05]	0.02[-0.05,0.08]
	SVK	**-.06[-.11,-.02]**	**-0.07[-0.12,-0.02]**	**-.05[-.10,.00]**	-0.05[-0.11,0.00]	.01[-.04,.05]	0.01[-0.04,0.06]	-.01[-.06,.04]	0.00[-0.05,0.05]	.03[-.02,.07]	0.03[-0.03,0.09]
	SWE	**-.08[-.12,-.03]**	**-0.08[-0.14,-0.02]**	**-.13[-.17,-.08]**	**-0.13[-0.18,-0.08]**	.02[-.03,.07]	0.02[-0.02,0.07]	**-.05[-.10,.00]**	-0.05[-0.10,0.01]	.00[-.05,.05]	0.01[-0.05,0.06]
	TAP	-.03[-.07,.01]	-0.03[-0.08,0.03]	-.01[-.05,.03]	-0.01[-0.05,0.03]	**-.07[-.11,-.03]**	**-0.07[-0.11,-0.04]**	**-.06[-.10,-.02]**	**-0.07[-0.11,-0.02]**	-.01[-.05,.03]	-0.02[-0.05,0.02]

Note. SR1 = standardized residual of Item 1 “When confronted with a problem, I give up easily”; SR2 = standardized residual of Item 2 “I put off difficult problems”; SR3 = standardized residual of Item 3 “I remain interested in tasks that I start”; SR4 = standardized residual of Item 4 “I continue working on tasks until everything is perfect”; SR5 = standardized residual of Item 5 “When confronted with a problem, I do more than what is expected of me”; *r* = correlation between the standardized residual and truancy; *β* = standardized coefficient of the standardized residual controlling for the perseverance facet total (excluding the item to which the nuance belonged); CI = confidence interval; Low = countries/regions with low (i.e., $\lambda < .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; High = countries/regions with higher (i.e., $\lambda \geq .20$) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; USA = United States of America; ALB = Albania; ARE = United Arab Emirates; ARG = Argentina; AUS = Australia; AUT = Austria; BEL = Belgium; BGR = Bulgaria; BRA = Brazil; CAN = Canada; CHE = Switzerland; CHL = Chile; COL = Colombia; CRI = Costa Rica; CZE = Czech Republic; DEU = Germany; DNK = Denmark; ESP = Spain; EST = Estonia; FIN = Finland; FRA = France; GBR = United Kingdom; GRC = Greece; HKG = Hong

Kong-China; HRV = Croatia; HUN = Hungary; IDN = Indonesia; IRL = Ireland; ISL = Iceland; ISR = Israel; ITA = Italy; JOR = Jordan; JPN = Japan; KAZ = Kazakhstan; KOR = Korea; LTU = Lithuania; LUX = Luxembourg; LVA = Latvia; MAC = Macao-China; MEX = Mexico; MNE = Montenegro; MYS = Malaysia; NLD = Netherlands; NOR = Norway; NZL = New Zealand; PER = Peru; POL = Poland; PRT = Portugal; QAT = Qatar; QCN = Shanghai-China; ROU = Romania; SGP = Singapore; SRB = Serbia; SVK = Slovak Republic; SVN = Slovenia; SWE = Sweden; TAP = Chinese Taipei; THA = Thailand; TUN = Tunisia; TUR = Turkey; URY = Uruguay; VNM = Vietnam.

Effect sizes that are significant at the .01 level and their 99%CIs are marked in bold.

Table S18

Standardized Results of Linear Regression for Skipping Behavior and Lateness for 9 Cultural Regions

Region	DV: Skipping (with controls)				DV: Skipping (without controls)		DV: Late (with controls)				DV: Late (without controls)	
	N	Perseverance	Gender	SES	*N*	Perseverance	*N*	Perseverance	Gender	SES	*N*	Perseverance
		β[99%CI]	*β*[99%CI]	*β*[99%CI]		*β*[99%CI]		*β*[99%CI]	*β*[99%CI]	*β*[99%CI]		*β*[99%CI]
1	48,643	**-0.15[-0.20,-0.11]**	-0.02[-0.05,0.01]	**-0.09[-0.12,-0.05]**	49,783	**-0.17[-0.21,-0.12]**	48,694	**-0.15[-0.20,-0.11]**	0.03[-0.01,0.06]	**-0.08[-0.11,-0.04]**	49,841	**-0.16[-0.21,-0.12]**
2	42,571	**-0.06[-0.10,-0.02]**	**0.11[0.08,0.14]**	**-0.03[-0.06,0.00]**	43,180	**-0.07[-0.11,-0.03]**	42,624	**-0.09[-0.13,-0.06]**	**0.09[0.07,0.12]**	0.00[-0.02,0.03]	43,257	**-0.10[-0.14,-0.06]**
3	89,084	**-0.10[-0.12,-0.08]**	**0.05[0.03,0.06]**	**0.02[0.00,0.03]**	89,993	**-0.10[-0.12,-0.08]**	89,198	**-0.09[-0.11,-0.07]**	**0.02[0.00,0.03]**	**0.04[0.03,0.05]**	90,117	**-0.09[-0.11,-0.07]**
4	35,028	**-0.11[-0.14,-0.09]**	**0.08[0.06,0.09]**	0.00[-0.02,0.02]	35,309	**-0.12[-0.14,-0.09]**	35,097	**-0.12[-0.15,-0.10]**	**0.05[0.03,0.06]**	0.01[-0.01,0.02]	35,382	**-0.12[-0.15,-0.10]**
5	113,425	**-0.06[-0.08,-0.04]**	**0.02[0.01,0.03]**	**-0.05[-0.07,-0.04]**	116,695	**-0.07[-0.09,-0.05]**	113,462	**-0.10[-0.12,-0.08]**	**0.03[0.02,0.04]**	-0.01[-0.03,0.00]	116,745	**-0.11[-0.13,-0.09]**
6	55,311	**-0.05[-0.08,-0.01]**	**0.04[0.02,0.06]**	-0.01[-0.03,0.01]	55,986	**-0.05[-0.08,-0.02]**	55,337	**-0.08[-0.11,-0.04]**	**0.08[0.06,0.10]**	0.01[-0.01,0.03]	56,020	**-0.08[-0.11,-0.04]**
7	27,956	**-0.15[-0.18,-0.12]**	0.00[-0.02,0.02]	**-0.03[-0.06,-0.01]**	28,757	**-0.16[-0.18,-0.13]**	27,966	**-0.14[-0.17,-0.11]**	**0.06[0.04,0.08]**	-0.01[-0.03,0.01]	28,771	**-0.14[-0.17,-0.11]**
8	31,963	**-0.08[-0.11,-0.05]**	**0.03[0.02,0.05]**	**-0.08[-0.10,-0.06]**	32,383	**-0.08[-0.11,-0.05]**	31,973	**-0.03[-0.06,-0.01]**	**0.04[0.02,0.06]**	**-0.05[-0.07,-0.04]**	32,391	**-0.03[-0.06,-0.01]**
9	27,734	-0.03[-0.07,0.00]	**0.11[0.09,0.13]**	**0.03[0.01,0.06]**	27,859	**-0.04[-0.07,0.00]**	27,737	**-0.06[-0.09,-0.02]**	**0.08[0.06,0.10]**	**0.05[0.03,0.07]**	27,864	**-0.06[-0.09,-0.02]**

Note. DV = dependent variable; *N* = sample size; *β* = standardized regression coefficient; CI = confidence interval; 1 = North America/Oceania; 2 = MENA; 3 = Latin America; 4 = Southern Europe; 5 = Western Europe; 6 = Former Communist Countries; 7 = The Nordics; 8 = East Asia.

Standardized regression coefficients that are significant at the .01 level and their 99%CIs are marked in bold.

Table S19

Standardized Results of Linear Regression for Skipping Behavior and Lateness for 62 Countries/Regions

	C/R	DV: Skipping (with controls)			DV: Skipping (without controls)		DV: Late (with controls)				DV: Late (without controls)	
		N	Perseverance	Gender	SES	*N*	Perseverance	*N*	Perseverance	Gender	SES	*N*	Perseverance
			β[99%CI]	*β*[99%CI]	*β*[99%CI]		*β*[99%CI]		*β*[99%CI]	*β*[99%CI]	*β*[99%CI]		*β*[99%CI]
Low	ALB	4,408	**-0.17[-0.24,-0.10]**	0.00[-0.04,0.04]	0.00[-0.04,0.05]	4,408	**-0.17[-0.24,-0.10]**	4,453	**-0.13[-0.20,-0.05]**	0.03[-0.02,0.07]	0.02[-0.03,0.06]	4,453	**-0.12[-0.20,-0.05]**
	ARE	11,313	**-0.09[-0.14,-0.05]**	0.00[-0.03,0.03]	**-0.04[-0.07,-0.01]**	11,421	**-0.09[-0.14,-0.05]**	11,318	**-0.12[-0.17,-0.08]**	**0.07[0.04,0.10]**	-0.01[-0.04,0.02]	11,429	**-0.12[-0.17,-0.08]**
	ARG	5,644	-0.06[-0.12,0.01]	0.00[-0.04,0.04]	-0.04[-0.09,0.00]	5,863	-0.05[-0.12,0.01]	5,644	**-0.09[-0.15,-0.02]**	0.01[-0.03,0.05]	-0.04[-0.08,0.00]	5,863	**-0.08[-0.14,-0.02]**
	BGR	5,129	**-0.12[-0.18,-0.06]**	**0.08[0.05,0.12]**	**-0.09[-0.13,-0.05]**	5,232	**-0.13[-0.19,-0.07]**	5,138	**-0.12[-0.17,-0.06]**	**0.06[0.02,0.10]**	**-0.08[-0.12,-0.04]**	5,243	**-0.13[-0.18,-0.07]**
	BRA	18,773	**-0.07[-0.11,-0.03]**	**0.06[0.03,0.08]**	0.00[-0.03,0.03]	18,959	**-0.07[-0.11,-0.04]**	18,808	**-0.07[-0.11,-0.03]**	0.02[-0.01,0.05]	**0.04[0.01,0.06]**	18,998	**-0.07[-0.11,-0.03]**
	CHL	6,657	**-0.10[-0.15,-0.04]**	**0.04[0.00,0.08]**	**-0.07[-0.11,-0.02]**	6,776	**-0.10[-0.15,-0.04]**	6,660	**-0.10[-0.15,-0.05]**	-0.01[-0.05,0.03]	**-0.04[-0.08,0.00]**	6,780	**-0.10[-0.15,-0.05]**
	COL	8,953	**-0.08[-0.16,-0.01]**	**0.11[0.07,0.15]**	0.01[-0.03,0.06]	8,995	**-0.09[-0.16,-0.02]**	8,970	**-0.11[-0.17,-0.04]**	0.03[-0.01,0.07]	0.02[-0.02,0.06]	9,013	**-0.11[-0.17,-0.04]**
	CRI	4,542	**-0.11[-0.17,-0.04]**	0.02[-0.02,0.06]	-0.01[-0.05,0.03]	4,565	**-0.11[-0.17,-0.05]**	4,554	**-0.14[-0.20,-0.08]**	0.02[-0.02,0.06]	**0.05[0.00,0.09]**	4,578	**-0.14[-0.20,-0.08]**
	ESP	24,774	**-0.09[-0.13,-0.05]**	-0.02[-0.04,0.01]	**-0.08[-0.11,-0.05]**	25,142	**-0.10[-0.14,-0.06]**	24,735	**-0.15[-0.19,-0.11]**	0.00[-0.03,0.03]	-0.02[-0.05,0.01]	25,105	**-0.14[-0.18,-0.10]**
	GRC	5,057	**-0.14[-0.21,-0.08]**	**0.12[0.08,0.15]**	-0.01[-0.05,0.03]	5,099	**-0.14[-0.21,-0.08]**	5,061	**-0.15[-0.20,-0.09]**	**0.04[0.00,0.08]**	**0.06[0.02,0.10]**	5,104	**-0.14[-0.19,-0.09]**
	HKG	4,476	-0.01[-0.06,0.05]	0.00[-0.04,0.05]	-0.01[-0.05,0.04]	4,581	-0.01[-0.06,0.05]	4,477	-0.03[-0.08,0.02]	0.03[-0.01,0.07]	-0.02[-0.07,0.02]	4,581	-0.03[-0.09,0.02]
	HUN	4,687	-0.03[-0.10,0.04]	**0.05[0.00,0.09]**	**-0.11[-0.17,-0.06]**	4,776	-0.04[-0.11,0.03]	4,689	**-0.11[-0.19,-0.03]**	0.04[0.00,0.08]	**-0.06[-0.12,-0.01]**	4,778	**-0.11[-0.19,-0.04]**
	IDN	5,579	-0.03[-0.09,0.03]	**0.09[0.06,0.13]**	0.04[0.00,0.07]	5,603	-0.03[-0.09,0.03]	5,572	**-0.06[-0.12,-0.01]**	**0.08[0.04,0.11]**	**0.07[0.03,0.11]**	5,597	**-0.06[-0.11,0.00]**
	JOR	6,798	**-0.13[-0.18,-0.07]**	**0.04[0.01,0.08]**	0.01[-0.03,0.05]	6,890	**-0.13[-0.18,-0.07]**	6,809	**-0.09[-0.14,-0.04]**	**0.10[0.07,0.14]**	0.01[-0.02,0.05]	6,908	**-0.10[-0.15,-0.04]**
	JPN	6,091	**-0.08[-0.13,-0.03]**	0.02[-0.01,0.05]	**-0.07[-0.10,-0.03]**	6,257	**-0.09[-0.14,-0.04]**	6,091	**-0.09[-0.14,-0.05]**	**0.05[0.02,0.08]**	-0.03[-0.06,0.00]	6,257	**-0.09[-0.14,-0.05]**
	KAZ	5,798	**-0.09[-0.14,-0.03]**	**0.06[0.02,0.10]**	**-0.04[-0.08,-0.01]**	5,805	**-0.09[-0.15,-0.04]**	5,799	**-0.11[-0.16,-0.05]**	**0.07[0.03,0.11]**	-0.02[-0.05,0.02]	5,806	**-0.11[-0.17,-0.06]**

Table S19 (continue).

C/R		DV: Skipping (with controls)			DV: Skipping (without controls)		DV: Late (with controls)				DV: Late (without controls)	
	N	Perseverance	Gender	SES	*N*	Perseverance	*N*	Perseverance	Gender	SES	*N*	Perseverance
		β[99%CI]	*β*[99%CI]	*β*[99%CI]		*β*[99%CI]		*β*[99%CI]	*β*[99%CI]	*β*[99%CI]		*β*[99%CI]
	KOR	4,980	**-0.08[-0.15,-0.01]**	**0.04[0.00,0.08]**	**-0.06[-0.10,-0.01]**	5,027	**-0.08[-0.16,-0.01]**	4,982	**-0.11[-0.17,-0.06]**	0.03[-0.01,0.07]	**-0.06[-0.10,-0.02]**	5,029	**-0.11[-0.17,-0.06]**
	LTU	4,524	**-0.10[-0.15,-0.04]**	**0.10[0.06,0.14]**	**-0.08[-0.12,-0.04]**	4,599	**-0.12[-0.17,-0.06]**	4,526	**-0.06[-0.12,0.00]**	**0.13[0.10,0.17]**	0.00[-0.03,0.04]	4,602	**-0.07[-0.13,-0.02]**
	LUX	4,890	**-0.09[-0.14,-0.03]**	0.01[-0.03,0.04]	0.00[-0.04,0.04]	5,233	**-0.08[-0.14,-0.03]**	4,898	**-0.14[-0.19,-0.09]**	**0.05[0.01,0.08]**	0.02[-0.01,0.06]	5,245	**-0.13[-0.18,-0.08]**
	MAC	5,247	-0.05[-0.10,0.00]	**0.04[0.01,0.07]**	0.01[-0.03,0.05]	5,319	-0.05[-0.11,0.00]	5,249	-0.04[-0.09,0.02]	**0.04[0.00,0.07]**	-0.03[-0.06,0.01]	5,321	-0.04[-0.09,0.01]
	MEX	33,411	**-0.11[-0.14,-0.08]**	**0.03[0.01,0.05]**	**0.05[0.03,0.07]**	33,587	**-0.11[-0.14,-0.08]**	33,435	**-0.11[-0.13,-0.08]**	0.01[-0.01,0.03]	**0.06[0.04,0.08]**	33,613	**-0.10[-0.13,-0.08]**
	MNE	4,673	**-0.12[-0.19,-0.06]**	**0.12[0.08,0.16]**	**0.06[0.01,0.10]**	4,695	**-0.12[-0.19,-0.06]**	4,674	**-0.12[-0.18,-0.06]**	**0.09[0.06,0.13]**	**0.05[0.01,0.09]**	4,697	**-0.12[-0.18,-0.06]**
	MYS	5,168	**-0.08[-0.14,-0.02]**	**0.13[0.09,0.16]**	0.02[-0.02,0.06]	5,180	**-0.09[-0.15,-0.03]**	5,170	**-0.07[-0.13,-0.01]**	**0.07[0.03,0.11]**	0.00[-0.03,0.04]	5,183	**-0.07[-0.13,-0.02]**
	NLD	4,295	**-0.15[-0.21,-0.08]**	-0.02[-0.06,0.03]	0.04[-0.01,0.09]	4,403	**-0.15[-0.21,-0.08]**	4,295	**-0.11[-0.17,-0.05]**	0.01[-0.03,0.06]	0.02[-0.02,0.06]	4,403	**-0.11[-0.17,-0.05]**
Low	PER	5,934	**-0.10[-0.16,-0.04]**	**0.13[0.10,0.16]**	**-0.06[-0.10,-0.02]**	5,987	**-0.11[-0.17,-0.05]**	5,952	**-0.11[-0.17,-0.06]**	0.03[-0.01,0.06]	-0.01[-0.05,0.03]	6,005	**-0.11[-0.16,-0.05]**
	QAT	10,642	**-0.15[-0.18,-0.11]**	**0.07[0.05,0.09]**	**0.07[0.05,0.09]**	10,824	**-0.15[-0.18,-0.11]**	10,653	**-0.12[-0.16,-0.08]**	**0.05[0.03,0.08]**	0.00[-0.02,0.03]	10,844	**-0.12[-0.16,-0.08]**
	QCN	5,165	-0.05[-0.11,0.01]	**0.07[0.04,0.10]**	0.02[-0.01,0.05]	5,171	-0.05[-0.11,0.02]	5,165	**-0.08[-0.14,-0.02]**	**0.07[0.03,0.10]**	-0.01[-0.05,0.03]	5,170	**-0.08[-0.14,-0.02]**
	ROU	5,039	**-0.11[-0.16,-0.06]**	**0.05[0.01,0.09]**	**-0.08[-0.13,-0.04]**	5,060	**-0.12[-0.17,-0.06]**	5,040	**-0.09[-0.14,-0.03]**	**0.07[0.03,0.10]**	**-0.06[-0.10,-0.02]**	5,063	**-0.09[-0.15,-0.04]**
	SGP	5,501	-0.02[-0.08,0.03]	**0.05[0.01,0.08]**	-0.03[-0.07,0.00]	5,527	-0.02[-0.07,0.04]	5,501	-0.04[-0.09,0.01]	**0.06[0.03,0.09]**	**-0.06[-0.10,-0.03]**	5,527	-0.04[-0.09,0.01]
	SRB	4,599	**-0.07[-0.13,-0.01]**	**0.14[0.11,0.18]**	0.02[-0.02,0.07]	4,626	**-0.07[-0.13,-0.01]**	4,605	**-0.10[-0.16,-0.04]**	**0.10[0.06,0.14]**	**0.07[0.03,0.10]**	4,633	**-0.10[-0.16,-0.04]**
	SVN	5,756	**-0.11[-0.18,-0.04]**	**0.05[0.01,0.09]**	-0.04[-0.08,0.00]	5,853	**-0.11[-0.17,-0.04]**	5,759	**-0.12[-0.18,-0.06]**	0.01[-0.03,0.05]	0.01[-0.03,0.05]	5,857	**-0.12[-0.19,-0.06]**
	THA	6,552	**-0.10[-0.15,-0.05]**	**0.17[0.13,0.20]**	0.00[-0.04,0.03]	6,593	**-0.12[-0.17,-0.07]**	6,561	**-0.08[-0.13,-0.04]**	**0.13[0.09,0.17]**	0.01[-0.02,0.05]	6,602	**-0.10[-0.15,-0.05]**
	TUN	4,267	**-0.11[-0.17,-0.05]**	**0.21[0.18,0.25]**	0.03[-0.01,0.07]	4,332	**-0.11[-0.17,-0.05]**	4,279	**-0.11[-0.17,-0.05]**	**0.11[0.07,0.15]**	0.04[0.00,0.08]	4,347	**-0.11[-0.16,-0.05]**

Table S19 (continue).

C/R		DV: Skipping (with controls)				DV: Skipping (without controls)		DV: Late (with controls)				DV: Late (without controls)	
		N	Perseverance	Gender	SES	*N*	Perseverance	*N*	Perseverance	Gender	SES	*N*	Perseverance
			β[99%CI]	*β*[99%CI]	*β*[99%CI]		*β*[99%CI]		*β*[99%CI]	*β*[99%CI]	*β*[99%CI]		*β*[99%CI]
Low	TUR	4,777	**-0.06[-0.12,-0.01]**	**0.11[0.08,0.15]**	**0.07[0.03,0.11]**	4,821	**-0.07[-0.12,-0.01]**	4,781	**-0.07[-0.13,-0.02]**	**0.11[0.07,0.14]**	0.00[-0.04,0.04]	4,826	**-0.08[-0.14,-0.03]**
	URY	5,170	**-0.12[-0.18,-0.07]**	**0.11[0.08,0.15]**	**-0.09[-0.13,-0.05]**	5,261	**-0.13[-0.18,-0.07]**	5,175	**-0.19[-0.24,-0.13]**	0.02[-0.01,0.06]	0.00[-0.04,0.04]	5,267	**-0.18[-0.23,-0.13]**
	VNM	4,934	0.00[-0.07,0.06]	**0.12[0.09,0.16]**	**-0.07[-0.11,-0.02]**	4,956	-0.01[-0.07,0.06]	4,933	-0.05[-0.11,0.01]	**0.06[0.02,0.10]**	**-0.04[-0.08,0.00]**	4,955	-0.06[-0.12,0.01]
High	USA	10,053	**-0.15[-0.21,-0.09]**	-0.02[-0.05,0.02]	**-0.10[-0.14,-0.05]**	10,212	**-0.17[-0.22,-0.11]**	10,057	**-0.15[-0.21,-0.09]**	0.03[-0.01,0.07]	**-0.09[-0.13,-0.05]**	10,216	**-0.17[-0.22,-0.11]**
	AUS	13,822	**-0.15[-0.19,-0.12]**	**-0.04[-0.07,-0.01]**	**-0.07[-0.09,-0.04]**	14,218	**-0.17[-0.21,-0.13]**	13,830	**-0.15[-0.19,-0.11]**	0.00[-0.03,0.02]	**-0.03[-0.06,-0.01]**	14,229	**-0.15[-0.19,-0.12]**
	AUT	4,623	**-0.09[-0.16,-0.02]**	-0.01[-0.05,0.03]	0.02[-0.02,0.07]	4,726	**-0.09[-0.16,-0.01]**	4,629	-0.06[-0.13,0.01]	0.02[-0.02,0.06]	**0.06[0.02,0.11]**	4,733	-0.06[-0.12,0.01]
	BEL	8,120	**-0.08[-0.13,-0.03]**	**0.04[0.01,0.07]**	-0.02[-0.06,0.01]	8,505	**-0.07[-0.12,-0.02]**	8,126	**-0.11[-0.16,-0.06]**	**0.04[0.01,0.07]**	**-0.04[-0.08,-0.01]**	8,512	**-0.11[-0.15,-0.06]**
	CAN	20,865	**-0.14[-0.18,-0.10]**	**-0.03[-0.06,-0.01]**	**-0.06[-0.09,-0.02]**	21,128	**-0.15[-0.18,-0.11]**	20,896	**-0.13[-0.17,-0.09]**	0.02[-0.01,0.05]	**-0.03[-0.06,0.00]**	21,161	**-0.14[-0.18,-0.10]**
	CHE	10,859	**-0.12[-0.17,-0.06]**	0.02[-0.02,0.05]	**0.04[0.00,0.07]**	11,141	**-0.12[-0.17,-0.06]**	10,867	**-0.18[-0.23,-0.13]**	0.02[-0.01,0.06]	**0.06[0.02,0.09]**	11,148	**-0.17[-0.22,-0.12]**
	CZE	5,255	**-0.10[-0.18,-0.02]**	0.02[-0.03,0.06]	0.01[-0.04,0.06]	5,312	**-0.10[-0.18,-0.02]**	5,255	**-0.08[-0.15,-0.02]**	**0.07[0.03,0.12]**	-0.01[-0.06,0.04]	5,312	**-0.09[-0.15,-0.02]**
	DEU	3,933	**-0.08[-0.15,-0.01]**	0.01[-0.03,0.05]	0.01[-0.03,0.06]	4,309	**-0.08[-0.15,-0.02]**	3,935	**-0.09[-0.15,-0.03]**	0.03[-0.01,0.07]	0.02[-0.03,0.06]	4,311	**-0.10[-0.16,-0.04]**
	DNK	7,128	**-0.15[-0.20,-0.11]**	-0.02[-0.06,0.02]	-0.04[-0.10,0.01]	7,387	**-0.16[-0.21,-0.11]**	7,128	**-0.13[-0.18,-0.08]**	**0.07[0.03,0.11]**	-0.02[-0.06,0.02]	7,388	**-0.14[-0.18,-0.09]**
	EST	4,675	**-0.11[-0.17,-0.04]**	**0.05[0.01,0.10]**	0.00[-0.05,0.04]	4,739	**-0.11[-0.17,-0.05]**	4,677	**-0.11[-0.17,-0.05]**	**0.09[0.05,0.13]**	**0.04[0.00,0.08]**	4,741	**-0.12[-0.18,-0.06]**
	FIN	8,540	**-0.15[-0.20,-0.09]**	0.01[-0.04,0.05]	-0.02[-0.06,0.02]	8,715	**-0.15[-0.20,-0.10]**	8,546	**-0.17[-0.22,-0.12]**	**0.07[0.04,0.11]**	-0.02[-0.06,0.01]	8,724	**-0.17[-0.21,-0.12]**
	FRA	4,358	**-0.15[-0.21,-0.09]**	**0.05[0.01,0.08]**	**-0.04[-0.08,0.00]**	4,534	**-0.15[-0.21,-0.09]**	4,366	**-0.11[-0.17,-0.05]**	0.04[0.00,0.08]	-0.04[-0.08,0.00]	4,543	**-0.11[-0.17,-0.05]**
	GBR	11,829	**-0.08[-0.14,-0.03]**	-0.03[-0.06,0.01]	-0.02[-0.06,0.02]	12,526	**-0.08[-0.13,-0.02]**	11,836	**-0.14[-0.20,-0.09]**	0.02[-0.02,0.05]	0.00[-0.04,0.03]	12,535	**-0.15[-0.20,-0.10]**
	HRV	4,973	-0.05[-0.10,0.01]	**0.12[0.08,0.15]**	0.01[-0.03,0.04]	4,993	-0.05[-0.11,0.01]	4,975	**-0.11[-0.17,-0.06]**	**0.10[0.06,0.14]**	0.03[-0.01,0.06]	4,995	**-0.11[-0.17,-0.06]**

Table S19 (continue).

	C/R	DV: Skipping (with controls)				DV: Skipping (without controls)		DV: Late (with controls)				DV: Late (without controls)	
		N	Perseverance	Gender	SES	*N*	Perseverance	*N*	Perseverance	Gender	SES	*N*	Perseverance
			β[99%CI]	*β*[99%CI]	*β*[99%CI]		*β*[99%CI]		*β*[99%CI]	*β*[99%CI]	*β*[99%CI]		*β*[99%CI]
High	IRL	4,933	**-0.10[-0.16,-0.03]**	**0.08[0.04,0.12]**	-0.01[-0.05,0.03]	4,988	**-0.09[-0.15,-0.03]**	4,934	**-0.10[-0.16,-0.04]**	**0.07[0.03,0.11]**	**-0.05[-0.09,0.00]**	4,989	**-0.10[-0.16,-0.05]**
	ISL	3,352	**-0.15[-0.21,-0.08]**	0.03[-0.01,0.08]	-0.01[-0.05,0.04]	3,415	**-0.16[-0.23,-0.10]**	3,347	**-0.19[-0.25,-0.12]**	**0.08[0.04,0.13]**	0.00[-0.05,0.04]	3,410	**-0.19[-0.26,-0.13]**
	ISR	4,774	**-0.14[-0.20,-0.09]**	**0.04[0.01,0.08]**	0.02[-0.02,0.06]	4,892	**-0.15[-0.20,-0.09]**	4,784	**-0.11[-0.16,-0.05]**	0.01[-0.03,0.05]	-0.04[-0.08,0.00]	4,903	**-0.10[-0.16,-0.04]**
	ITA	30,525	**-0.08[-0.12,-0.05]**	**0.06[0.04,0.08]**	**-0.03[-0.05,-0.01]**	30,896	**-0.08[-0.12,-0.05]**	30,555	**-0.09[-0.12,-0.06]**	**0.05[0.03,0.07]**	-0.01[-0.03,0.02]	30,929	**-0.09[-0.12,-0.06]**
	LVA	4,223	**-0.09[-0.16,-0.03]**	0.04[-0.01,0.09]	-0.03[-0.07,0.02]	4,284	**-0.09[-0.16,-0.03]**	4,224	**-0.12[-0.19,-0.05]**	**0.11[0.07,0.15]**	0.00[-0.04,0.05]	4,285	**-0.12[-0.19,-0.06]**
	NOR	4,457	**-0.15[-0.21,-0.08]**	0.00[-0.04,0.04]	0.00[-0.06,0.05]	4,594	**-0.16[-0.22,-0.10]**	4,454	**-0.13[-0.18,-0.07]**	**0.04[0.00,0.08]**	0.00[-0.04,0.05]	4,590	**-0.13[-0.19,-0.08]**
	NZL	3,903	**-0.14[-0.20,-0.08]**	0.00[-0.04,0.04]	**-0.10[-0.14,-0.05]**	4,225	**-0.15[-0.21,-0.09]**	3,911	**-0.13[-0.18,-0.07]**	-0.02[-0.06,0.03]	**-0.06[-0.11,-0.01]**	4,235	**-0.13[-0.19,-0.07]**
	POL	4,477	**-0.13[-0.18,-0.08]**	**0.08[0.04,0.12]**	0.00[-0.04,0.03]	4,588	**-0.14[-0.19,-0.09]**	4,478	**-0.12[-0.18,-0.07]**	**0.12[0.09,0.16]**	0.03[-0.01,0.07]	4,590	**-0.12[-0.18,-0.07]**
	PRT	5,562	**-0.09[-0.14,-0.03]**	0.00[-0.04,0.04]	**-0.04[-0.08,-0.01]**	5,635	**-0.09[-0.14,-0.03]**	5,570	**-0.15[-0.21,-0.10]**	**0.01[-0.03,0.04]**	0.00[-0.03,0.04]	5,643	**-0.15[-0.21,-0.10]**
	SVK	4,598	-0.02[-0.08,0.04]	0.04[0.00,0.08]	**-0.09[-0.14,-0.05]**	4,633	-0.02[-0.08,0.04]	4,602	-0.05[-0.11,0.01]	**0.07[0.03,0.11]**	-0.02[-0.06,0.02]	4,637	-0.05[-0.11,0.02]
	SWE	4,479	**-0.15[-0.21,-0.09]**	0.01[-0.03,0.05]	**-0.05[-0.09,-0.01]**	4,646	**-0.16[-0.22,-0.10]**	4,491	**-0.14[-0.19,-0.08]**	**0.07[0.03,0.10]**	-0.03[-0.07,0.01]	4,659	**-0.13[-0.19,-0.08]**
	TAP	6,004	**-0.13[-0.19,-0.07]**	**0.07[0.04,0.10]**	**-0.08[-0.12,-0.04]**	6,028	**-0.14[-0.19,-0.08]**	6,009	**-0.14[-0.19,-0.08]**	**0.07[0.04,0.10]**	-0.02[-0.05,0.02]	6,033	**-0.14[-0.19,-0.09]**

Note. C/R = Country/Region; DV = dependent variable; *N* = sample size; *β* = standardized regression coefficient; CI = confidence interval; Low = countries/regions with low (i.e., λ < .20) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; High = countries/regions with higher (i.e., λ ≥ .20) loadings for Item 1 "Give up easily" and/or Item 2 "Put off difficult problems" on the Perseverance factor; USA = United States of America; ALB = Albania; ARE = United Arab Emirates; ARG = Argentina; AUS = Australia; AUT = Austria; BEL = Belgium; BGR = Bulgaria; BRA = Brazil; CAN = Canada; CHE = Switzerland; CHL = Chile; COL = Colombia; CRI = Costa

Rica; CZE = Czech Republic; DEU = Germany; DNK = Denmark; ESP = Spain; EST = Estonia; FIN = Finland; FRA = France; GBR = United Kingdom; GRC = Greece; HKG = Hong Kong-China; HRV = Croatia; HUN = Hungary; IDN = Indonesia; IRL = Ireland; ISL = Iceland; ISR = Israel; ITA = Italy; JOR = Jordan; JPN = Japan; KAZ = Kazakhstan; KOR = Korea; LTU = Lithuania; LUX = Luxembourg; LVA = Latvia; MAC = Macao-China; MEX = Mexico; MNE = Montenegro; MYS = Malaysia; NLD = Netherlands; NOR = Norway; NZL = New Zealand; PER = Peru; POL = Poland; PRT = Portugal; QAT = Qatar; QCN = Shanghai-China; ROU = Romania; SGP = Singapore; SRB = Serbia; SVK = Slovak Republic; SVN = Slovenia; SWE = Sweden; TAP = Chinese Taipei; THA = Thailand; TUN = Tunisia; TUR = Turkey; URY = Uruguay; VNM = Vietnam.

Standardized regression coefficients that are significant at the .01 level and their 99%CIs are marked in bold.