

Exhibit 3: Scale Transformation Constants

Scale Transformation Constants	
A = 10.08844	T a Sca Sc L Sca Sc
B = 0.69495	= 10.08844 + 0.69495 L Sca Sc

Exhibit 4: Equivalence Table of the Raw Score and the Transformed Scale Score

Raw Score	Transformed Scale Score	Cutpoint	Raw Score	Transformed Scale Score	Cutpoint
0	4.84360		8	9.28676	
1	5.90522		9	9.69685	
2	6.60260		10	10.12111	
3	7.16958		11	10.56229	
4	7.64888		12	11.03019	
5	8.08185		13	11.54563	11.5
6	8.49059		14	12.16664	
7	8.88806	8.9	15	13.18017	

Country	Cronbach's Alpha Reliability Coefficient	Percent of Vif				

Country	Cronbach's Alpha Reliability Coefficient	Percent of Variance Explained	Factor Loadings for Each Item				
			ASBH06A	ASBH06B	ASBH06C	ASBH06D	ASBH06E
I . a .	0.89	72	0.77	0.90	0.84	0.84	0.89
I a	0.89	70	0.82	0.88	0.79	0.84	0.85
L . - a a	0.88	69	0.79	0.87	0.85	0.79	0.84
M a a	0.91	74	0.81	0.89	0.86	0.85	0.88
M . c c	0.89	69	0.81	0.87	0.83	0.81	0.85
N . . a	0.91	75	0.83	0.90	0.86	0.85	0.88
N . Z a a	0.90	71	0.78	0.88	0.83	0.84	0.88
N . . . I . a	0.91	74	0.81	0.89	0.85	0.86	0.88
N . . a	0.91	74	0.83	0.91	0.83	0.86	0.88
O a	0.88	69	0.78	0.88	0.83	0.79	0.85
P . a	0.92	77	0.85	0.91	0.88	0.87	0.89
P . . . a	0.89	69	0.79	0.88	0.81	0.82	0.85
Q a a	0.90	72	0.78	0.88	0.85	0.84	0.87
R a a a	0.93	79	0.87	0.92	0.87	0.88	0.90
R- a F a	0.91	73	0.80	0.90	0.89	0.83	0.86
S a A ab a	0.90	72	0.79	0.89	0.84	0.83	0.88
S . a .	0.91	73	0.80	0.89	0.87	0.84	0.87
S . a R . b c	0.90	72	0.82	0.90	0.83	0.85	0.86
S . a	0.92	76	0.84	0.91	0.86	0.87	0.88
S a	0.92	76	0.84	0.90	0.88	0.87	0.87
S	0.91	75	0.83	0.90	0.86	0.85	0.89
T a a T ba	0.86	64	0.70	0.84	0.84	0.78	0.84
U . A ab E . a	0.90	72	0.79	0.89	0.84	0.83	0.88
Sixth Grade Participants							
B . a a	0.88	68	0.77	0.85	0.8 5		

Country	Pearson's Correlation with Reading Achievement		Variance in Reading Achievement Accounted for by Difference Between Regions of the Scale (r^2)
	(r)	(r^2)	
A...aa	0.22	0.05	0.04
A...a	0.06	0.00	0.01
A...ba a	0.06	0.00	0.00
B... (F...c)	0.10	0.01	0.01
B...a a	0.36	0.13	0.10
Ca a a	0.27	0.07	0.06
C...Ta	0.31	0.09	0.09
C...ba	0.19	0.03	0.03
C...a a	0.31	0.10	0.09
C...c R...b c	0.18	0.03	0.03
D...a.	0.34	0.12	0.10
F...a	0.40	0.16	0.15
F...c	0.22	0.05	0.04
G...a	0.24	0.06	0.04
G...a	0.08	0.01	0.01
H...K...SAR	0.38	0.15	0.13
H...a	0.13		

Exhibit 6: Relationship Between the PIRLS 2011 Could Do Early Literacy Tasks When Began Primary School Scale and PIRLS 2011 Achievement (Continued)S**

Country	Pearson's Correlation with Reading Achievement		Variance in Reading Achievement Accounted for by Difference Between Regions of the Scale (r^2)
	(r)	(r^2)	
N Z a a	0.17	0.03	0.03
N i l a	0.13	0.02	0.02
N a	0.29	0.08	0.06
O a	0.33	0.11	0.10
P a	0.32	0.10	0.09
P l a	0.18	0.03	0.03
Q a a	0.26	0.07	0.07
R a a	0.34	0.12	0.07
R a F a	0.35	0.13	0.11
S A ab a	0.30	0.09	0.07
S a	0.43	0.18	0.15
S a R b c	0.19	0.03	0.02
S a	0.29	0.09	0.09
S a	0.34	0.11	0.10
S	0.35	0.12	0.10
T a a T ba	0.34	0.11	0.09
U A ab E a	0.24	0.06	0.05
International Median	0.26	0.07	0.06
Sixth Grade Participants			
B a a a	0.29	0.09	0.08
H a	0.17	0.03	0.03
K a	0.25	0.06	0.07
M cc	0.26	0.07	0.07
Benchmarking Participants			
A b a, Ca a a	0.25	0.06	0.06
O a ,Ca a a	0.28	0.08	0.07
Q b c,Ca a a	0.23	0.05	0.04
M a - Ma a	0.22	0.05	0.04
E /A (5) - RSA	0.18	0.03	0.03
A a a, S a	0.34	0.11	0.11
Ab D ab , UAE	0.30	0.09	0.08
D ba , UAE	0.17	0.03	0.03