Cronbach's Alpha Reliability Coefficient and Principal Components Analysis of the Items in the TIMSS 2015 Teaching Limited by Student Needs Scale, Eighth Grade

	0.7		0.	0.[illegible]	0.73	0.7[illegible]	0.77	0.
	0.7[illegible]		0. 7	0.[illegible]	0. 2	0.77	0.7	0.[illegible]
	0. 1	3[illegible]	0.2	0. 1	0.70	0. 0	0.[illegible]	0. 1
	0.7		0.	0.[illegible]	0.7	0.	0.72	0. 7
	0.7[illegible]		0.[illegible]	0.	0.	0.	0.71	0.[illegible]
	0.7[illegible]	[illegible]	0.[illegible]	0.[illegible]	0. 1	0.71	0.70	0.
	0.	3	0.[illegible]	0.[illegible]	0.[illegible]	0.7[illegible]	0.7[illegible]	0.[illegible]3
	0. 0	[illegible]0	0.	0. 7	0.7	0.7	0.7	0.
	0.[illegible]	37	0. 0	0.	0.[illegible]	0.[illegible]	0.	0. 3
	0.71	1	0. 2	0. 7	0.	0.73	0. 7	0.
	0. 0	[illegible]0	0.	0.[illegible]	0.72	0.7	0.73	0.71
	0.7	3	0.	0. 3	0.	0.7[illegible]	0.	0.72
	0.7	[illegible]	0.[illegible]	0.[illegible]	0.	0.72	0.7	0.
	0. 2	[illegible]2	0.	0. 7	0.72	0.77	0.7	0.
	0.70	1	0.	0.	0.	0.	0.	0.3
	0.7[illegible]		0.7	0.21	0.72	0.	0. 0	0.[illegible]
	0. 1	3	0. 2	0.[illegible]0	0.[illegible]	0. 3	0.71	0.3
	0. 0	[illegible]1	0.70	0. 3	0.7	0. 2	0.72	0.[illegible]
	0. 0	[illegible]0	0.	0.[illegible]	0.7	0.7	0.7	0.70
	0.	3	0.	0.[illegible]0	0.	0.70	0.70	0.37
	0. 7	3	0. 3	0.[illegible]	0. 3	0. 3	0. 3	0. 2
	0.7[illegible]		0. 2	0.[illegible]	0. 2	0.7	0.7	0.
	0.73	3	0. 7	0.[illegible]2	0.[illegible]	0.7	0.7	0. 2
	0.77	7	0.[illegible]	0.[illegible]	0.[illegible]	0.77	0.7	0.[illegible]
	0.	3	0.3	0.[illegible]1	0.	0.7[illegible]	0.7	0. 3
	0.7		0.70	0.[illegible]	0.	0.7	0.7	0. 3
	0.73	3	0.[illegible]	0.72	0.73	0. 0	0.	0.
	0.7	[illegible]	0.	0.[illegible]	0.	0.	0.7	0. 7
	0.7	7	0.[illegible]	0.[illegible]	0.[illegible]	0. 0	0.7	0.
	0.7	7	0. 1	0.[illegible]	0.72	0.73	0.	0.72
	0.	37	0. 2	0.[illegible]	0. 1	0.	0.70	0.[illegible]2
	0.73	3	0.	0.[illegible]	0.	0.71	0.72	0. 1
	0.7	[illegible]	0. 7	0. 2	0.	0.7	0. 1	0. 1
	0.73	2	0.	0.[illegible]7	0. 0	0.70	0.72	0. 2
	0.77	7	0.	0. 1	0.70	0.72	0.7	0.
	0.	0	0.[illegible]0	0.	0.[illegible]	0.7[illegible]	0.7	0. 7
	0.71	1	0. 7	0.[illegible]	0.[illegible]	0.7	0.	0. 0
	0.7[illegible]	[illegible]	0.	0. 2	0.72	0.7[illegible]	0.7	0.
	0.7		0. 1	0. 2	0.	0.71	0.	0.
[illegible]								
	0.7		0.	0.72	0. 1	0.70	0.	0.7
	0.7		0. 1	0. 7	0.7	0. 2	0.	0.[illegible]
	0. 0	[illegible]1	0.71	0. 3	0.7	0.70	0.77	0.72
	0.73	3	0.[illegible]	0.	0.	0. 3	0.7	0.
	0.7	3	0. 7	0. 3	0. 7	0.	0.7	0.
	0.7		0. 3	0.[illegible]	0.7[illegible]	0.7	0.7	0.[illegible]2
	0. 1	[illegible]2	0.7	0.	0.77	0.	0.77	0. 7

Rela ionship Be , een he TIMSS 2015 Teaching Limi ed b S den Needs Scale, Eigh h Grade, and TIMSS 2015 Achie emen

	( )		(²)			
	0. ⁄	0.27	0.20	0.07	0.1	0.0
	0.1	0.1	0.03	0.03	0.02	0.03
	0.11	0.0	0.01	0.01	0.00	0.00
	0.2	0.1	0.07	0.03	0.0′	0.02
	0.32	0.3	0.10	0.1′	0.0	0.11
	0.20	0.1	0.0	0.0	0.03	0.0
	0.11	0.10	0.01	0.01	0.01	0.01
	0.′1	0.	0.2	0.1	0.1	0.17
	0.07	0.0	0.00	0.00	0.01	0.00
	0.37	0.2	0.1	0.0	0.0	0.0
	0.37	0.31	0.1	0.10	0.12	0.07
T T l	0.1	0.17	0.02	0.03	0.0	0.03
T	0. 0	0.20	0.1	0.0	0.11	0.03
T	0. 0	0.2	0.1	0.0	0.1	0.0
T	0.13	0.0	0.02	0.01	0.01	0.01
l	0.1	0.12	0.03	0.02	0.01	0.01
l	0.11	0.17	0.01	0.03	0.01	0.03
	0.0	0.10	0.01	0.01	0.00	0.01
	0.11	0.0′	0.01	0.00	0.01	0.00
	0.20	0.0	0.0	0.01	0.0	0.01
	0.02	-0.01	0.00	0.00	0.01	0.00
	0.20	0.17	0.0	0.03	0.03	0.02
L	0.37	0.3	0.1	0.1′	0.11	0.10
L	0. 0	0.2	0.1	0.0	0.1	0.0′
L	0.0	0.12	0.00	0.01	0.00	0.01
	0. ⁄	0. 1	0.21	0.17	0.13	0.13
	0.12	0.1′	0.01	0.02	0.01	0.02
l	0.11	0.0	0.01	0.01	0.02	0.01
	0.33	0.33	0.11	0.11	0.12	0.0
	0.07	0.0	0.00	0.01	0.01	0.01
	0.2′	0.0	0.0	0.01	0.0	0.01
	0.32	0.3	0.10	0.1′	0.07	0.12
	0.17	0.0	0.03	0.01	0.03	0.01
	0.10	0.12	0.01	0.01	0.01	0.03
	0.2′	0.17	0.0	0.03	0.0′	0.02
	0.2′	0.20	0.0	0.0	0.0	0.0
	0.22	0.27	0.0′	0.07	0.0	0.0
T l	0.30	0.30	0.0	0.0	0.0	0.0
T	0.30	0.21	0.0	0.0	0.0	0.03
T L	0.20	0.17	0.0	0.03	0.0	0.03
B						
	0.17	0.22	0.03	0.0′	0.0	0.0
	0.21	0.17	0.0	0.03	0.0	0.03
	0.3	0.1	0.12	0.0	0.0	0.02
	0.1	0.13	0.0	0.02	0.03	0.02
T	0.2	0.21	0.0	0.0	0.0	0.0′
T	0.2	0.27		0.07	0.0	0.07
T	0. 1	0.1′				