

Nexus LAB Evaluation Resources Development:

Technical Appendix

EDUCOPIA
INSTITUTE

 True
Bearing
see change.

Item Numbering Crosswalk

Layer	Survey Instrument Item Number	Data Item Number
Layer 1	IS1	L1-1
	IS2	L1-2
	IS3	L1-3
	IS4	L1-4
	IS5	L1-5
	IS6	L1-6
	IS7	L1-7
	IS8	L1-8
	IS9	L1-9
	IS10	L1-10
	IS11	L1-11
	IS12	L1-12
	IS13	L1-13
	IS14	L1-14
	IS15	L1-15
	IS16	L1-16
	IS17	L1-17

Layer	Survey Instrument Item Number	Data Item Number
Layer 2	IS18	L2-1
	IS19	L2-2
	IS20	L2-3
	IS21	L2-4
	IS22	L2-5
	IS23	L2-6
	IS24	L2-7
	IS25	L2-8
	IS26	L2-9
	IS27	L2-10
	IS28	L2-11
	IS29	L2-12
	IS30	L2-13

Layer	Survey Instrument Item Number	Data Item Number
Layer 3	IS31	L3-1
	IS32	L3-2
	IS33	L3-3
	IS34	L3-4
	IS35	L3-5
	IS36	L3-6
	IS37	L3-7
	IS38	L3-8
	IS39	L3-9
	IS40	L3-10
	IS41	L3-11
	IS42	L3-12
	IS43	L3-13
	IS44	L3-14
	IS45	L3-15
	IS46	L3-16
	IS47	L3-17
	IS48	L3-18
	IS49	L3-19
	IS50	L3-20

Layer	Survey Instrument Item Number	Data Item Number
Layer 4	IS51	L4-1
	IS52	L4-2
	IS53	L4-3
	IS54	L4-4
	IS55	L4-5
	IS56	L4-6
	IS57	L4-7
	IS58	L4-8
	IS59	L4-9
	IS60	L4-10
	IS61	L4-11
	IS62	L4-12
	IS63	L4-13
	IS64	L4-14

Layer	Survey Instrument Item Number	Data Item Number
Layer 5	IS65	L5-1
	IS66	L5-2
	IS67	L5-3
	IS68	L5-4
	IS69	L5-5
	IS70	L5-6
	IS71	L5-7
	IS72	L5-8
	IS73	L5-9
	IS74	L5-10
	IS75	L5-11
	IS76	L5-12
	IS77	L5-13
	IS78	L5-14
	IS79	L5-15
	IS80	L5-16
	IS81	L5-17
	IS82	L5-18

Layer	Survey Instrument Item Number	Data Item Number
Layer 6	IS83	L6-1
	IS84	L6-2
	IS85	L6-3
	IS86	L6-4
	IS87	L6-5
	IS88	L6-6
	IS89	L6-7
	IS90	L6-8
	IS91	L6-9
	IS92	L6-10
	IS93	L6-11
	IS94	L6-12
	IS95	L6-13
	IS96	L6-14
	IS97	L6-15
	IS98	L6-16
	IS99	L6-17
	IS100	L6-18
	IS101	L6-19
	IS102	L6-20
	IS103	L6-21
	IS104	L6-22
	IS105	L6-23
	IS106	L6-24
	IS107	L6-25

Descriptive Statistics: L1-1, L1-2, L1-3, L1-4, L1-6, L1-8, L1-9, L1-10, L1-11, L1-12, L1-13, L1-14, L1-15, L1-16, L1-18, L1-19, L1-20

Statistics

Variable	N	N*	Mean	SE Mean	StDev	Minimum	Q1	Median	Q3	Maximum
L1-1	105	42	3.1905	0.0717	0.7350	1.0000	3.0000	3.0000	4.0000	4.0000
L1-2	106	41	3.1698	0.0715	0.7364	1.0000	3.0000	3.0000	4.0000	4.0000
L1-3	105	42	3.0190	0.0753	0.7719	1.0000	3.0000	3.0000	4.0000	4.0000
L1-4	31	116	3.097	0.134	0.746	1.000	3.000	3.000	4.000	4.000
L1-6	11	136	2.727	0.237	0.786	1.000	2.000	3.000	3.000	4.000
L1-8	48	99	2.854	0.115	0.799	1.000	2.000	3.000	3.000	4.000
L1-9	84	63	2.6905	0.0987	0.9048	1.0000	2.0000	3.0000	3.0000	4.0000
L1-10	12	135	2.083	0.193	0.669	1.000	2.000	2.000	2.750	3.000
L1-11	11	136	2.545	0.247	0.820	1.000	2.000	3.000	3.000	4.000
L1-12	51	96	2.745	0.118	0.845	1.000	2.000	3.000	3.000	4.000
L1-13	29	118	3.000	0.157	0.845	1.000	2.000	3.000	4.000	4.000
L1-14	12	135	2.583	0.313	1.084	1.000	2.000	2.500	3.750	4.000
L1-15	64	83	2.703	0.108	0.867	1.000	2.000	3.000	3.000	4.000
L1-16	18	129	3.278	0.158	0.669	2.000	3.000	3.000	4.000	4.000
L1-18	55	92	2.545	0.118	0.878	1.000	2.000	3.000	3.000	4.000

Selected Item Analysis: L1-1, L1-2, L1-3, L1-19, L1-20, L1-12, L1-15, L1-18

* NOTE * 22 cases used, 125 cases contain missing values

Correlation Matrix

	L1-1	L1-2	L1-3	L1-19	L1-20	L1-12	L1-15
L1-2	0.871						
L1-3	0.695	0.662					
L1-19	0.278	0.184	0.272				
L1-20	0.236	0.299	0.142	0.495			
L1-12	0.247	0.121	0.209	0.490	-0.052		
L1-15	0.178	0.277	-0.120	0.372	0.378	0.287	
L1-18	0.152	0.198	0.103	0.241	0.445	-0.018	0.067

Cell Contents: Pearson correlation

Consider utility of L1-15, L1-18, L1-20

Selected Item Analysis: L1-1, L1-2, L1-3, L1-19, L1-20, L1-12, L1-15, L1-18

Item and Total Statistics

Variable	Total Count	Mean	StDev
L1-1	22	2.955	0.722
L1-2	22	2.909	0.750
L1-3	22	2.909	0.750
L1-19	22	3.045	0.722
L1-20	22	2.909	0.811
L1-12	22	2.682	0.716
L1-15	22	2.591	0.959
L1-18	22	2.545	0.671
Total	22	22.545	3.687

Cronbach's Alpha: Good

Alpha

0.7524

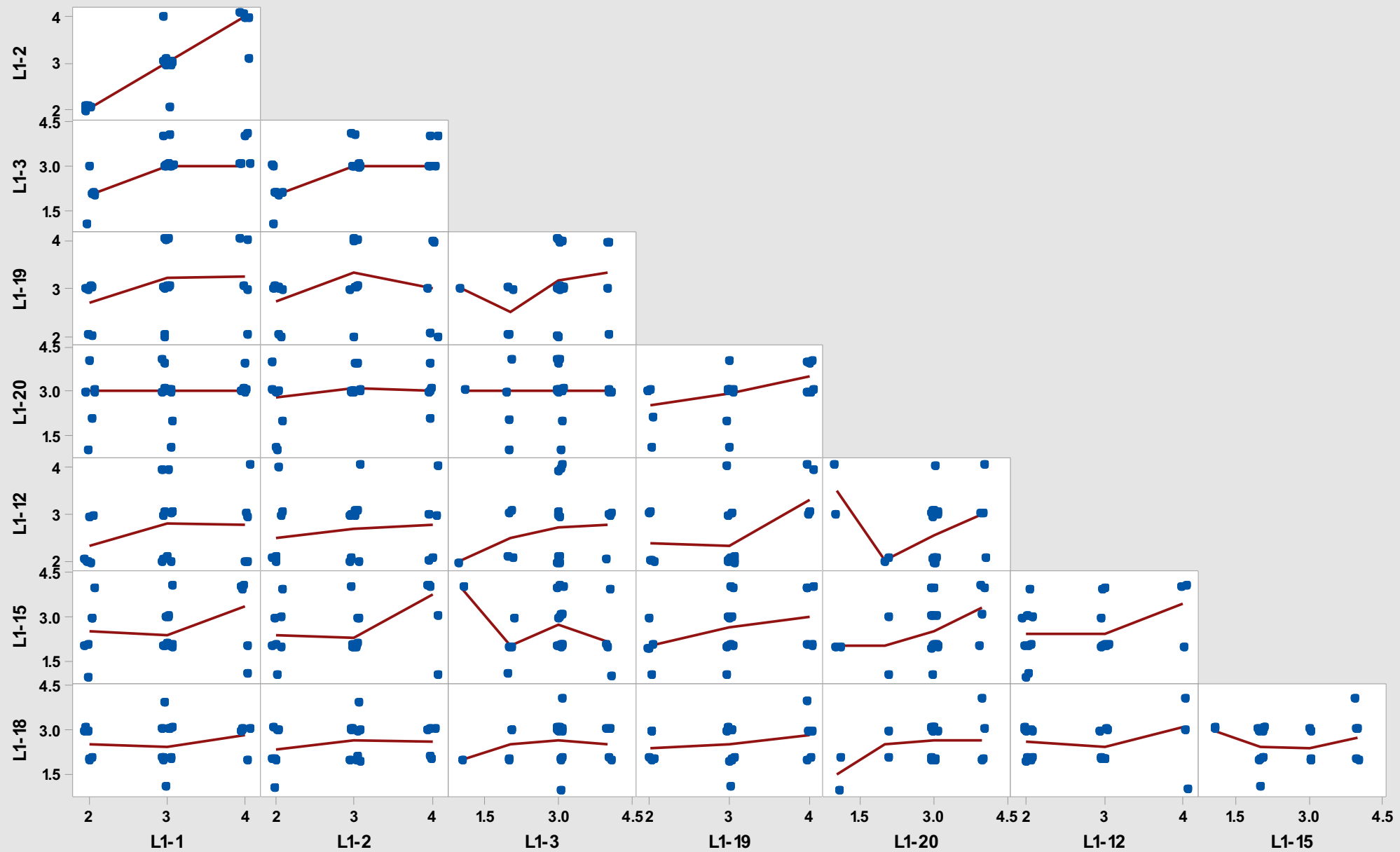
Selected Item Analysis: L1-1, L1-2, L1-3, L1-19, L1-20, L1-12, L1-15, L1-18

Omitted Item Statistics

Omitted Variable	Adj. Total Mean	Adj. Total StDev	Item-Adj. Total Corr	Squared Multiple Corr	Cronbach's Alpha
L1-1	19.591	3.187	0.6426	0.8042	0.6891
L1-2	19.636	3.170	0.6295	0.8311	0.6917
L1-3	19.636	3.303	0.4565	0.6402	0.7250
L1-19	19.500	3.233	0.5532	0.5644	0.7067
L1-20	19.636	3.245	0.4517	0.5216	0.7259
L1-12	19.864	3.413	0.2880	0.4333	0.7552
L1-15	19.955	3.258	0.3255	0.4922	0.7487
L1-18	20.000	3.450	0.2655	0.2322	0.7591

* NOTE * Cronbach's alpha and omitted-variable correlations calculated with standardized data.

Matrix Plot of L1-1, L1-2, L1-3, L1-19, L1-20, L1-12, L1-15, L1-18



Descriptive Statistics: L2-2, L2-3, L2-6, L2-8, L2-11, L2-13

Statistics

Variable	N	N*	Mean	SE Mean	StDev	Minimum	Q1	Median	Q3	Maximum
L2-2	24	123	2.875	0.151	0.741	2.000	2.000	3.000	3.000	4.000
L2-3	42	105	2.738	0.132	0.857	1.000	2.000	3.000	3.000	4.000
L2-6	18	129	2.722	0.177	0.752	1.000	2.000	3.000	3.000	4.000
L2-8	24	123	2.875	0.202	0.992	1.000	2.000	3.000	4.000	4.000
L2-11	42	105	3.286	0.104	0.673	2.000	3.000	3.000	4.000	4.000
L2-13	24	123	2.542	0.180	0.884	1.000	2.000	2.000	3.000	4.000

Selected Item Analysis: L2-2, L2-3, L2-8, L2-11, L2-13

* NOTE * 24 cases used, 123 cases contain missing values

Correlation Matrix

	L2-2	L2-3	L2-8	L2-11
L2-3	0.145			
L2-8	0.510	0.211		
L2-11	-0.022	-0.094	-0.211	
L2-13	0.374	0.045	0.279	0.200

Cell Contents: Pearson correlation

Items inter-relationships are generally unstable

Selected Item Analysis: L2-2, L2-3, L2-8, L2-11, L2-13

Item and Total Statistics

Variable	Count	Mean	StDev
L2-2	24	2.875	0.741
L2-3	24	2.708	0.859
L2-8	24	2.875	0.992
L2-11	24	3.250	0.676
L2-13	24	2.542	0.884
Total	24	14.250	2.382

Cronbach's Alpha: Low

Alpha

0.4565

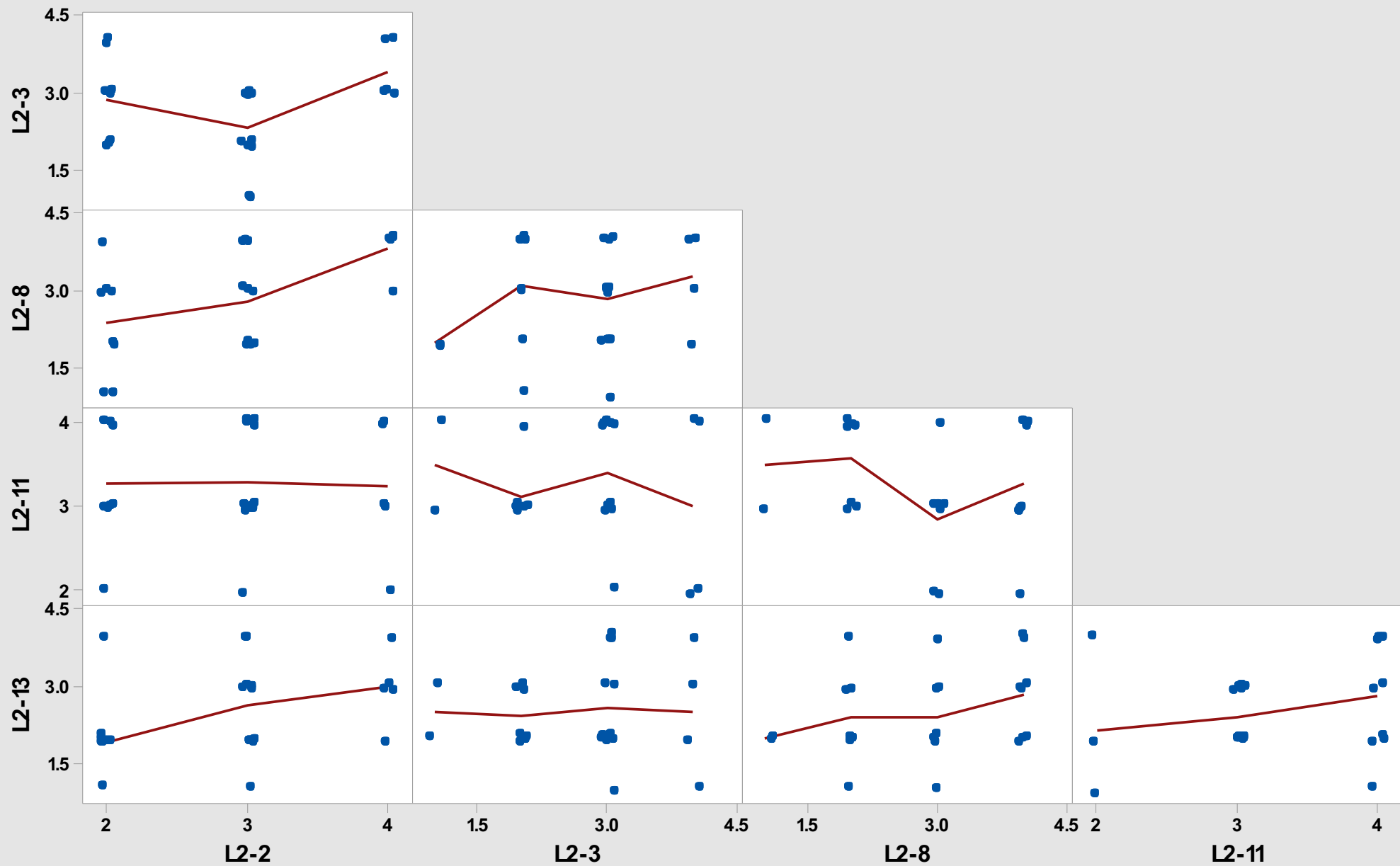
Selected Item Analysis: L2-2, L2-3, L2-8, L2-11, L2-13

Omitted Item Statistics

Omitted Variable	Adj. Total Mean	Adj. Total StDev	Item-Adj. Total Corr	Squared Multiple Corr	Cronbach's Alpha
L2-2	11.375	1.929	0.4569	0.3207	0.2363
L2-3	11.542	2.105	0.1229	0.0495	0.4815
L2-8	11.375	1.837	0.3428	0.3351	0.3267
L2-11	11.000	2.322	-0.0472	0.1202	0.5851
L2-13	11.708	1.899	0.3985	0.2073	0.2834

* NOTE * Cronbach's alpha and omitted-variable correlations calculated with standardized data.

Matrix Plot of L2-2, L2-3, L2-8, L2-11, L2-13



Descriptive Statistics: L3-3, L3-5, L3-7, L3-8, L3-11, L3-16

Statistics

Variable	N	N*	Mean	SE Mean	StDev	Minimum	Q1	Median	Q3	Maximum
L3-3	5	142	2.600	0.510	1.140	1.000	1.500	3.000	3.500	4.000
L3-5	5	142	2.800	0.374	0.837	2.000	2.000	3.000	3.500	4.000
L3-7	5	142	2.200	0.200	0.447	2.000	2.000	2.000	2.500	3.000
L3-8	5	142	2.200	0.374	0.837	1.000	1.500	2.000	3.000	3.000
L3-11	5	142	3.200	0.374	0.837	2.000	2.500	3.000	4.000	4.000
L3-16	5	142	3.000	0.548	1.225	1.000	2.000	3.000	4.000	4.000

Selected Item Analysis: L3-3, L3-5, L3-7, L3-8, L3-11

* NOTE * 5 cases used, 142 cases contain missing values

Correlation Matrix

	L3-3	L3-5	L3-7	L3-8
L3-5	0.157			
L3-7	0.196	0.802		
L3-8	0.629	0.071	-0.134	
L3-11	0.629	0.071	-0.134	1.000

Cell Contents: Pearson correlation

L3-5, L3-7 relatively weakly related to rest of scale, strongly to each other.

Selected Item Analysis: L3-3, L3-5, L3-7, L3-8, L3-11

Item and Total Statistics

Variable	Count	Mean	StDev
L3-3	5	2.600	1.140
L3-5	5	2.800	0.837
L3-7	5	2.200	0.447
L3-8	5	2.200	0.837
L3-11	5	3.200	0.837
Total	5	13.000	2.915

Cronbach's Alpha: Good

Alpha

0.7102

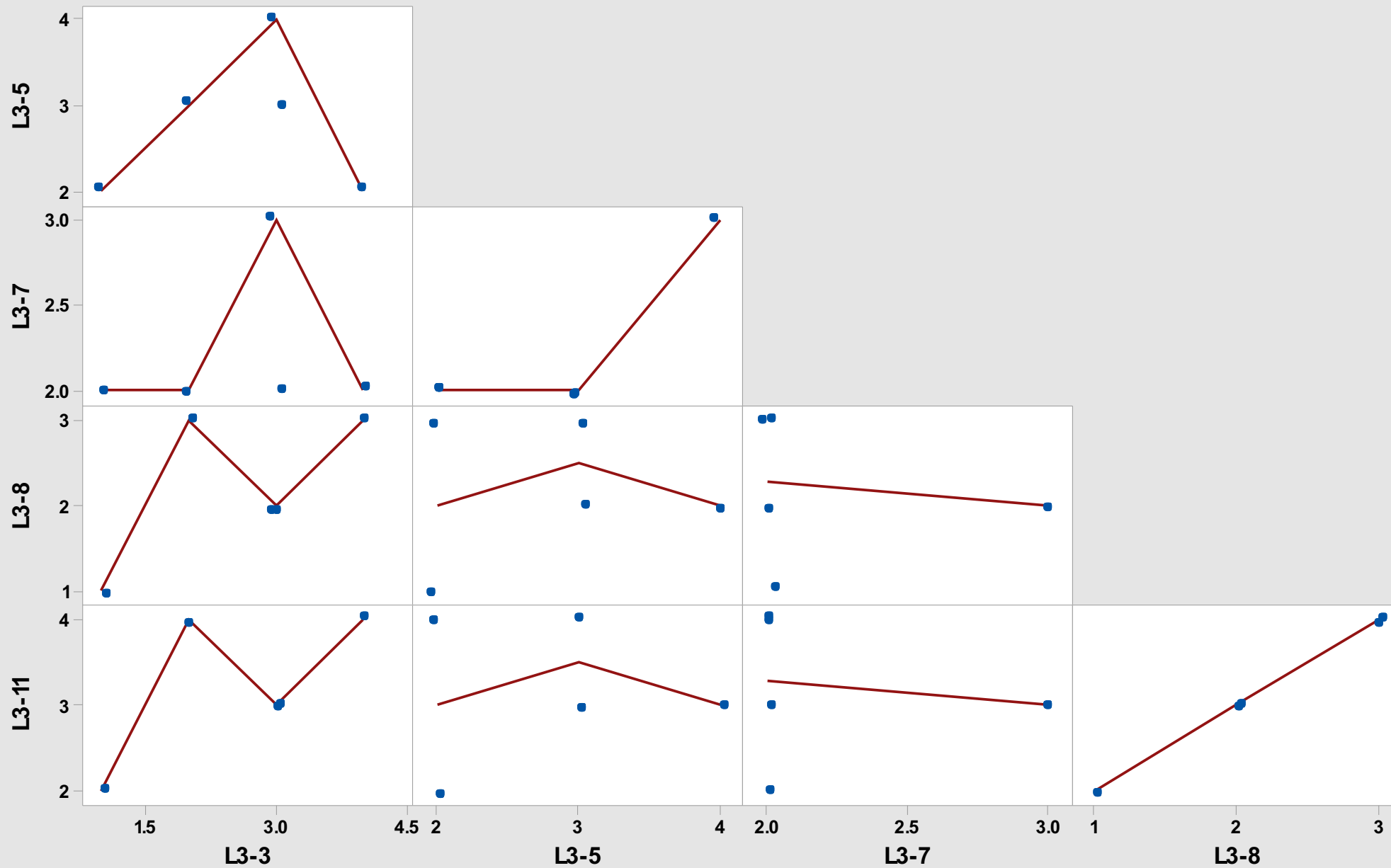
Selected Item Analysis: L3-3, L3-5, L3-7, L3-8, L3-11

Omitted Item Statistics

Omitted Variable	Adj. Total Mean	Adj. Total StDev	Item-Adj. Total Corr	Squared Multiple Corr	Cronbach's Alpha
L3-3	10.400	2.074	0.5941	0.5192	0.6082
L3-5	10.200	2.588	0.3808	0.7024	0.6964
L3-7	10.800	2.775	0.2420	0.7396	0.7483
L3-8	10.800	2.280	0.5743	*	0.6169
L3-11	9.800	2.280	0.5743	*	0.6169

* NOTE * Cronbach's alpha and omitted-variable correlations calculated with standardized data.

Matrix Plot of L3-3, L3-5, L3-7, L3-8, L3-11



Descriptive Statistics: L4-2, L4-3, L4-4, L4-5, L4-6, L4-8, L4-9, L4-12, L4-14

Statistics

Variable	N	N*	Mean	SE Mean	StDev	Minimum	Q1	Median	Q3	Maximum
L4-2	5	142	2.600	0.400	0.894	2.000	2.000	2.000	3.500	4.000
L4-3	59	88	2.593	0.114	0.873	1.000	2.000	3.000	3.000	4.000
L4-4	5	142	2.600	0.510	1.140	1.000	1.500	3.000	3.500	4.000
L4-5	30	117	2.500	0.190	1.042	1.000	2.000	2.500	3.000	4.000
L4-6	22	125	2.091	0.173	0.811	1.000	2.000	2.000	2.000	4.000
L4-8	5	142	3.000	0.632	1.414	1.000	1.500	4.000	4.000	4.000
L4-9	59	88	2.610	0.113	0.871	1.000	2.000	3.000	3.000	4.000
L4-12	36	111	3.222	0.120	0.722	2.000	3.000	3.000	4.000	4.000
L4-14	54	93	2.8889	0.0977	0.7181	1.0000	2.7500	3.0000	3.0000	4.0000

Selected Item Analysis: L4-3, L4-5, L4-9, L4-12, L4-14

* NOTE * 30 cases used, 117 cases contain missing values

Correlation Matrix

	L4-3	L4-5	L4-9	L4-12
L4-5	0.494			
L4-9	0.595	0.466		
L4-12	0.551	0.448	0.543	
L4-14	0.660	0.411	0.369	0.808

Cell Contents: Pearson correlation

Selected Item Analysis: L4-3, L4-5, L4-9, L4-12, L4-14

Item and Total Statistics

Variable	Count	Mean	StDev
L4-3	30	2.567	0.971
L4-5	30	2.500	1.042
L4-9	30	2.667	0.994
L4-12	30	3.300	0.702
L4-14	30	2.900	0.845
Total	30	13.933	3.591

Cronbach's Alpha: Strong

Alpha

0.8517

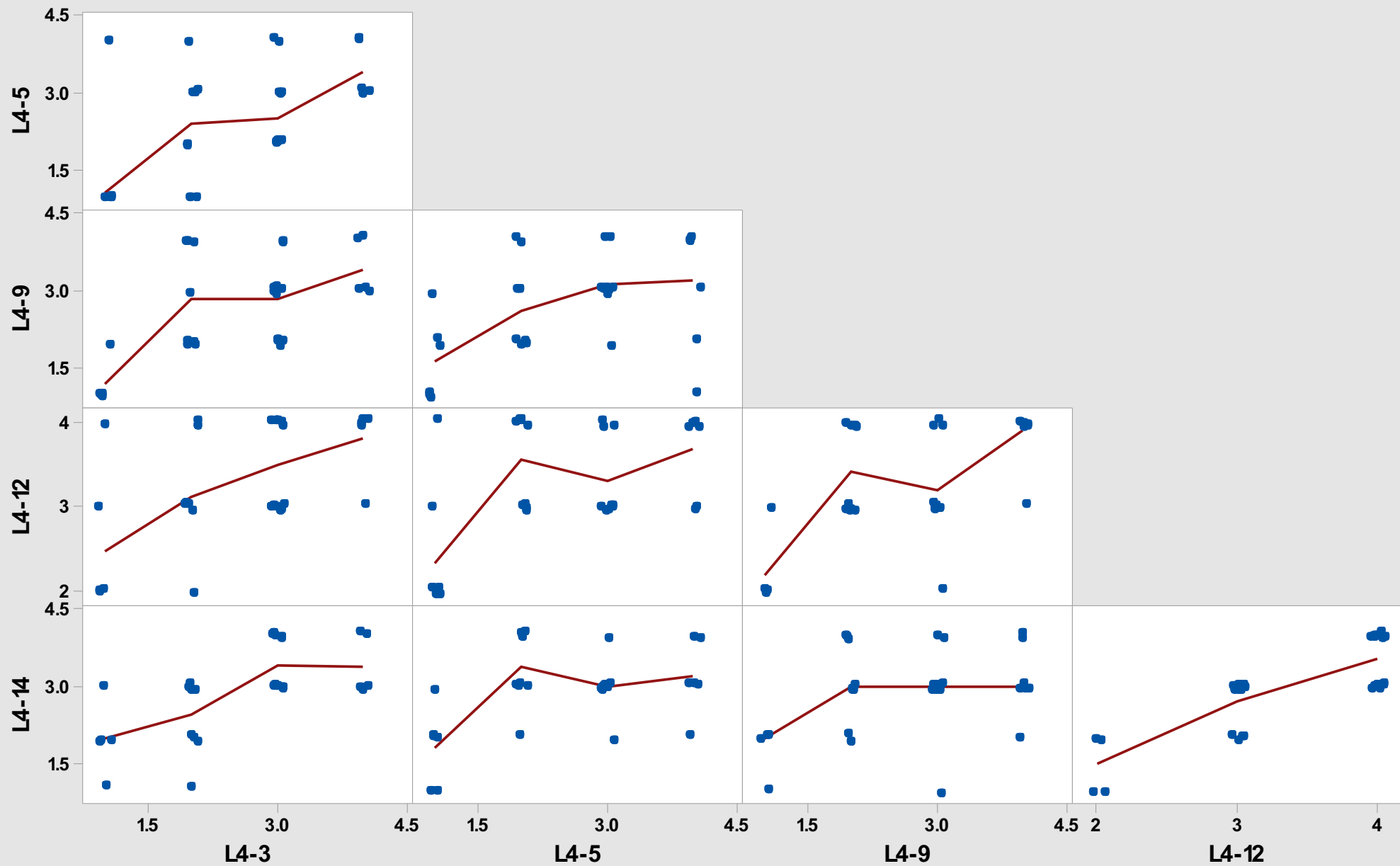
Selected Item Analysis: L4-3, L4-5, L4-9, L4-12, L4-14

Omitted Item Statistics

Omitted Variable	Adj. Total Mean	Adj. Total StDev	Item-Adj. Total Corr	Squared Multiple Corr	Cronbach's Alpha
L4-3	11.367	2.822	0.7239	0.6167	0.8048
L4-5	11.433	2.909	0.5470	0.3122	0.8508
L4-9	11.267	2.900	0.6022	0.5272	0.8369
L4-12	10.633	3.045	0.7434	0.7407	0.7995
L4-14	11.033	2.965	0.7042	0.7633	0.8101

* NOTE * Cronbach's alpha and omitted-variable correlations calculated with standardized data.

Matrix Plot of L4-3, L4-5, L4-9, L4-12, L4-14



Descriptive Statistics: L5-1, L5-2, L5-3, L5-4, L5-6, L5-7, L5-8, L5-10, L5-15

Statistics

Variable	N	N*	Mean	SE Mean	StDev	Minimum	Q1	Median	Q3	Maximum
L5-1	34	113	2.676	0.125	0.727	1.000	2.000	3.000	3.000	4.000
L5-2	5	142	2.600	0.400	0.894	2.000	2.000	2.000	3.500	4.000
L5-3	5	142	2.200	0.374	0.837	1.000	1.500	2.000	3.000	3.000
L5-4	45	102	2.400	0.133	0.889	1.000	2.000	2.000	3.000	4.000
L5-6	10	137	2.000	0.258	0.816	1.000	1.000	2.000	3.000	3.000
L5-7	28	119	2.893	0.173	0.916	1.000	2.000	3.000	4.000	4.000
L5-8	29	118	2.931	0.198	1.067	1.000	2.000	3.000	4.000	4.000
L5-10	28	119	2.750	0.175	0.928	1.000	2.000	3.000	3.000	4.000
L5-15	41	106	2.976	0.154	0.987	1.000	2.500	3.000	4.000	4.000

Selected Item Analysis: L5-4, L5-7, L5-8, L5-10, L5-15

* NOTE * 27 cases used, 120 cases contain missing values

Correlation Matrix

	L5-4	L5-7	L5-8	L5-10
L5-7	0.248			
L5-8	0.562	0.631		
L5-10	0.480	0.398	0.611	
L5-15	0.256	0.325	0.733	0.544

Cell Contents: Pearson correlation

Selected Item Analysis: L5-4, L5-7, L5-8, L5-10, L5-15

Item and Total Statistics

Variable	Count	Mean	StDev
L5-4	27	2.556	0.892
L5-7	27	2.852	0.907
L5-8	27	3.000	1.074
L5-10	27	2.815	0.879
L5-15	27	3.185	0.879
Total	27	14.407	3.565

Cronbach's Alpha- Strong

Alpha

0.8214

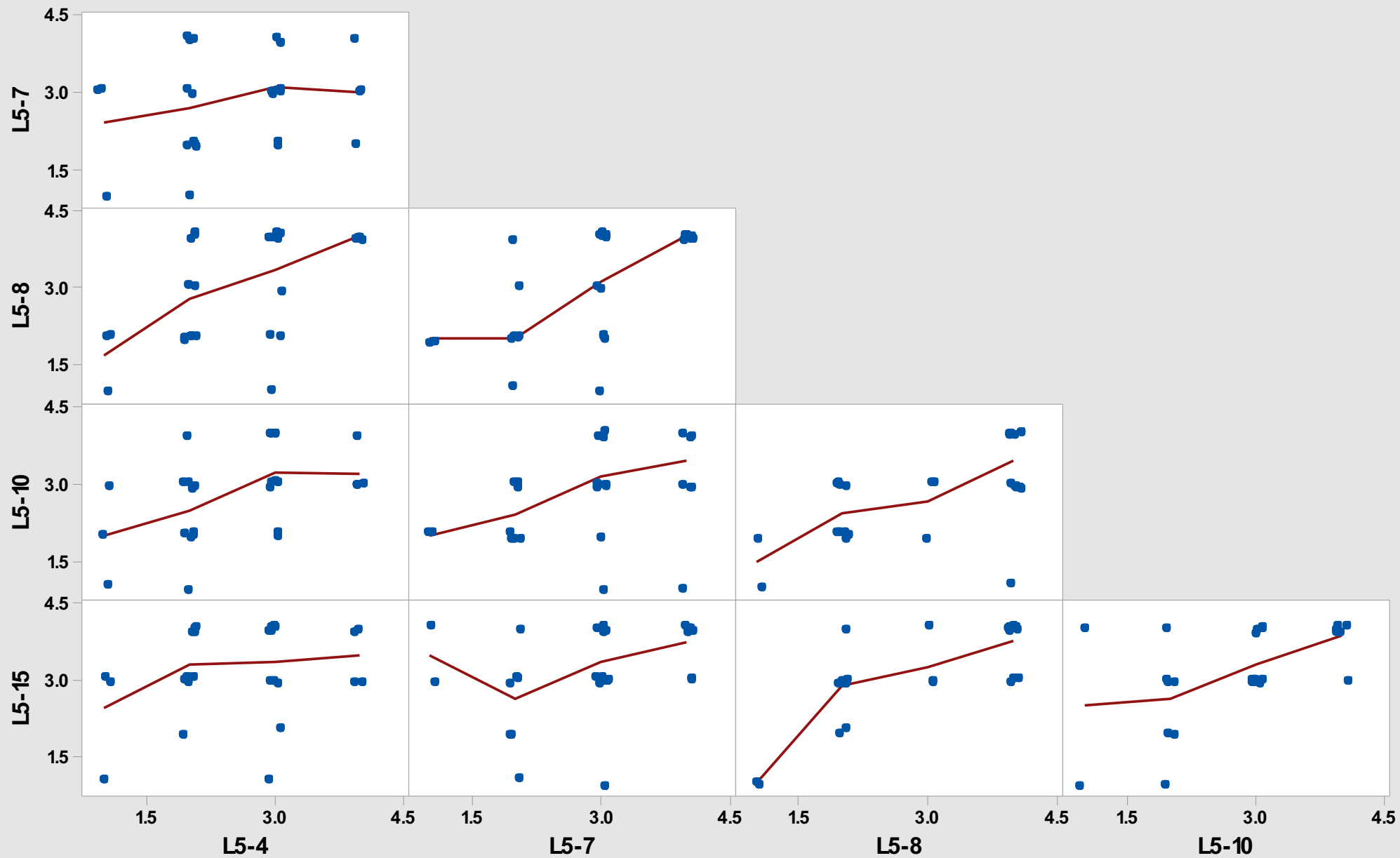
Selected Item Analysis: L5-4, L5-7, L5-8, L5-10, L5-15

Omitted Item Statistics

Omitted Variable	Adj. Total Mean	Adj. Total StDev	Item-Adj. Total Corr	Squared Multiple Corr	Cronbach's Alpha
L5-4	11.852	3.047	0.4777	0.4645	0.8248
L5-7	11.556	3.017	0.4977	0.4890	0.8193
L5-8	11.407	2.591	0.8704	0.8117	0.7063
L5-10	11.593	2.925	0.6594	0.4516	0.7727
L5-15	11.222	2.966	0.5920	0.6498	0.7926

* NOTE * Cronbach's alpha and omitted-variable correlations calculated with standardized data.

Matrix Plot of L5-4, L5-7, L5-8, L5-10, L5-15



Descriptive Statistics: L6-1, L6-6, L6-7, L6-8, L6-18, L6-20

Statistics

Variable	N	N*	Mean	SE Mean	StDev	Minimum	Q1	Median	Q3	Maximum
L6-1	18	129	2.500	0.232	0.985	1.000	2.000	2.500	3.000	4.000
L6-6	17	130	2.412	0.243	1.004	1.000	2.000	2.000	3.000	4.000
L6-7	11	136	2.182	0.296	0.982	1.000	1.000	2.000	3.000	4.000
L6-8	11	136	2.000	0.270	0.894	1.000	1.000	2.000	2.000	4.000
L6-18	18	129	2.444	0.217	0.922	1.000	2.000	2.500	3.000	4.000
L6-20	11	136	1.909	0.343	1.136	1.000	1.000	1.000	3.000	4.000

Selected Item Analysis: L6-1, L6-6, L6-18

* NOTE * 17 cases used, 130 cases contain missing values

Correlation Matrix

	L6-1	L6-6
L6-6	0.353	
L6-18	0.476	0.575

Cell Contents: Pearson correlation

Item and Total Statistics

Variable	Count	Mean	StDev
L6-1	17	2.4706	1.0073
L6-6	17	2.4118	1.0037
L6-18	17	2.4706	0.9432
Total	17	7.3529	2.3702

Selected Item Analysis: L6-1, L6-6, L6-18

Cronbach's Alpha- Good
Alpha
0.7250

Omitted Item Statistics

Omitted Variable	Adj. Total Mean	Adj. Total StDev	Item-Adj. Total Corr	Squared Multiple Corr	Cronbach's Alpha
L6-1	4.882	1.728	0.4669	0.2359	0.7300
L6-6	4.941	1.676	0.5398	0.3384	0.6449
L6-18	4.882	1.654	0.6388	0.4156	0.5215

* NOTE * Cronbach's alpha and omitted-variable correlations calculated with standardized data.

Correlation: Pre-L1-KR, Pre-L2-KR, Pre-L3-KR, Pre-L4-KR, Pre-L5-KR, Pre-L6-KR, Post-L1-KR, Post-L2-KR, Post-L4-KR, Post-L5-KR, Post-L6-KR

Correlations

	Pre-L1-KR	Pre-L2-KR	Pre-L3-KR	Pre-L4-KR	Pre-L5-KR	Pre-L6-KR	
Pre-L2-KR	0.831						
	0.000						
Pre-L3-KR	*	*					
	*	*					
Pre-L4-KR	0.603	0.597	0.921				
	0.000	0.000	0.026				
Pre-L5-KR	0.642	0.458	*	0.783			
	0.000	0.003	*	0.000			
Pre-L6-KR	0.603	0.392	*	*	0.642		
	0.001	0.035	*	*	0.033		
Post-L1-KR	-0.050	-0.194	*	0.419	0.088	0.228	
	0.788	0.297	*	0.154	0.868	0.433	
Post-L2-KR	0.182	0.094	*	0.311	*	0.428	
	0.430	0.686	*	0.381	*	0.189	
Post-L4-KR	0.288	0.575	*	0.633	-0.929	*	
	0.339	0.040	*	0.020	0.242	*	
Post-L5-KR	-0.072	0.574	*	-0.918	-0.101	-0.991	
	0.892	0.234	*	0.260	0.849	0.084	

Correlation: Pre-L1-KR, Pre-L2-KR, Pre-L3-KR, Pre-L4-KR, Pre-L5-KR, Pre-L6-KR, Post-L1-KR, Post-L2-KR, Post-L4-KR, Post-L5-KR, Post-L6-KR

Post-L6-KR	0.049	0.010	*	*	-0.710	0.303
	0.869	0.972	*	*	0.498	0.292
	Post-L1-KR	Post-L2-KR	Post-L4-KR	Post-L5-KR		
Post-L2-KR	0.497					
	0.022					
Post-L4-KR	0.582	0.609				
	0.037	0.062				
Post-L5-KR	0.597	*	0.500			
	0.211	*	0.667			
Post-L6-KR	0.624	0.751	*	0.993		
	0.017	0.008	*	0.073		

Cell Contents: Pearson correlation
P-Value

* NOTE * Not enough data in column.

Correlation: ILS-1, ILS-2, ILS-3, ILS-4, ILS-Total, Layer Total

Correlations

	ILS-1	ILS-2	ILS-3	ILS-4	ILS-Total
ILS-2	0.484				
	0.000				
ILS-3	0.396	0.463			
	0.000	0.000			
ILS-4	0.473	0.468	0.451		
	0.000	0.000	0.000		
ILS-Total	0.759	0.789	0.749	0.780	
	0.000	0.000	0.000	0.000	
Layer Total	0.365	0.251	0.258	0.352	0.430
	0.000	0.011	0.009	0.000	0.000

Cell Contents: Pearson correlation
P-Value

Correlation Matrix: Pre-L1- Knowledge, Pre-L1-Readiness, Pre-L1-KR, Pre-L2-Knowledge, Pre-L2-Readiness, Pre-L2-KR, Pre-L3- Knowledge, Pre-L3-Readiness, Pre-L3-KR, Pre-L4-Knowledge, Pre-L4-Readiness, Pre-L4-K...

Pre-test Layers and Components: Correlation Matrix

Correlations

	Pre-L1- Knowledge	Pre-L1-Readiness	Pre-L1-KR	Pre-L2-Knowledge
Pre-L1-Readiness	0.434			
	0.000			
Pre-L1-KR	0.840	0.860		
	0.000	0.000		
Pre-L2-Knowledge	0.493	0.897	0.830	
	0.000	0.000	0.000	
Pre-L2-Readiness	0.249	0.699	0.600	0.624
	0.111	0.000	0.000	0.000
Pre-L2-KR	0.464	0.926	0.831	0.964
	0.000	0.000	0.000	0.000
Pre-L3- Knowledge	*	*	*	*
	*	*	*	*
Pre-L3-Readiness	*	*	*	*
	*	*	*	*
Pre-L3-KR	*	*	*	*

Correlation Matrix: Pre-L1- Knowledge, Pre-L1-Readiness, Pre-L1-KR, Pre-L2-Knowledge, Pre-L2-Readiness, Pre-L2-KR, Pre-L3- Knowledge, Pre-L3-Readiness, Pre-L3-KR, Pre-L4-Knowledge, Pre-L4-Readiness, Pre-L4-

	*	K...	*	*	*
Pre-L4-Knowledge	0.529	0.395	0.545	0.475	
	0.000	0.003	0.000	0.000	
Pre-L4-Readiness	0.426	0.472	0.530	0.616	
	0.001	0.000	0.000	0.000	
Pre-L4-KR	0.536	0.486	0.603	0.612	
	0.000	0.000	0.000	0.000	
Pre-L5- Knowledge	0.656	0.419	0.629	0.419	
	0.000	0.006	0.000	0.006	
Pre-L5-Readiness	0.526	0.425	0.556	0.425	
	0.000	0.006	0.000	0.006	
Pre-L5-KR	0.639	0.458	0.642	0.458	
	0.000	0.003	0.000	0.003	
Pre-L6-Knowledge	0.632	0.550	0.707	0.464	
	0.000	0.002	0.000	0.011	
Pre-L6-Readiness	0.392	0.339	0.436	0.136	
	0.036	0.072	0.018	0.483	
Pre-L6-KR	0.539	0.468	0.602	0.307	
	0.003	0.010	0.001	0.105	
	Pre-L2-Readiness	Pre-L2-KR	Pre-L3- Knowledge	Pre-L3-Readiness	

Implementation Leadership Subscales

<u>ILS Verbatim</u>	
<p>Scale 1: Proactive</p> <p><i>Developed a plan to facilitate EBP implementation</i></p> <p><i>Removed obstacles to implementation of EBP</i></p> <p><i>Established clear department standards for implementation</i></p>	<p>Scale 2: Knowledgeable</p> <p><i>Is knowledgeable about EBP</i></p> <p><i>Is able to answer staff questions about EBP</i></p> <p><i>Knows what he or she is talking about when it comes to EBP</i></p>
<p>Scale 3: Supportive</p> <p><i>Recognizes and appreciates employee efforts</i></p> <p><i>Supports employee efforts to learn more about EBP</i></p> <p><i>Supports employee efforts to use EBP</i></p>	<p>Scale 4: Perseverant</p> <p><i>Perseveres through the ups and downs of implementing EBP</i></p> <p><i>Carries on through the challenges of implementing EBP</i></p> <p><i>Reacts to critical issues regarding implementation of EBP</i></p>

Correlation: ILS-1, ILS-2, ILS-3, ILS-4, ILS-Total, Layer Total

Correlations

	ILS-1	ILS-2	ILS-3	ILS-4	ILS-Total
ILS-2	0.484				
	0.000				
ILS-3	0.396	0.463			
	0.000	0.000			
ILS-4	0.473	0.468	0.451		
	0.000	0.000	0.000		
ILS-Total	0.759	0.789	0.749	0.780	
	0.000	0.000	0.000	0.000	
Layer Total	0.365	0.251	0.258	0.352	0.430
	0.000	0.011	0.009	0.000	0.000

Cell Contents: Pearson correlation
P-Value

Correlation: ILS-1, ILS-2, ILS-3, ILS-4, ILS-Total, Pre-L1-KR, Pre-L2-KR, Pre-L3-KR, Pre-L4-KR, Pre-L5-KR, Pre-L6-KR, Impact-L1, Impact-L2, Impact-L4, Impact-L5, Impact-L6

Correlations

	ILS-1	ILS-2	ILS-3	ILS-4	ILS-Total	Pre-L1-KR	Pre-L2-KR
ILS-2	0.484						
	0.000						
ILS-3	0.396	0.463					
	0.000	0.000					
ILS-4	0.473	0.468	0.451				
	0.000	0.000	0.000				
ILS-Total	0.759	0.789	0.749	0.780			
	0.000	0.000	0.000	0.000			
Pre-L1-KR	0.345	0.277	0.265	0.305	0.412		
	0.001	0.006	0.009	0.002	0.000		
Pre-L2-KR	0.357	0.259	0.217	0.326	0.401	0.831	
	0.000	0.011	0.034	0.001	0.000	0.000	
Pre-L3-KR	0.614	0.179	0.264	0.970	0.988	*	*
	0.270	0.774	0.668	0.006	0.002	*	*
Pre-L4-KR	0.321	0.239	0.196	0.463	0.426	0.603	0.597
	0.012	0.065	0.134	0.000	0.001	0.000	0.000
Pre-L5-KR	0.200	0.110	0.129	0.228	0.222	0.642	0.458
	0.211	0.493	0.421	0.152	0.163	0.000	0.003

Correlation: ILS-1, ILS-2, ILS-3, ILS-4, ILS-Total, Pre-L1-KR, Pre-L2-KR, Pre-L3-KR, Pre-L4-KR, Pre-L5-KR, Pre-L6-KR, Impact-L1, Impact-L2, Impact-L4, Impact-L5, Impact-L6

Pre-L6-KR	0.284	0.126	0.330	0.008	0.275	0.603	0.392
	0.135	0.515	0.081	0.966	0.149	0.001	0.035
Impact-L1	0.276	0.331	-0.117	0.137	0.216	0.588	0.490
	0.340	0.247	0.691	0.641	0.458	0.027	0.075
Impact-L2	0.415	0.342	0.386	-0.106	0.369	0.546	0.818
	0.267	0.368	0.305	0.787	0.329	0.129	0.007
Impact-L4	*	*	*	*	*	*	*
	*	*	*	*	*	*	*
Impact-L5	1.000	0.979	0.384	0.859	0.996	0.949	0.665
	0.009	0.130	0.749	0.342	0.059	0.204	0.537
Impact-L6	0.646	0.132	0.715	-0.025	0.511	0.138	0.245
	0.032	0.698	0.013	0.941	0.109	0.686	0.468
	Pre-L3-KR	Pre-L4-KR	Pre-L5-KR	Pre-L6-KR	Impact-L1	Impact-L2	Impact-L4
Pre-L4-KR	0.921						
	0.026						
Pre-L5-KR	*	0.783					
	*	0.000					
Pre-L6-KR	*	*	0.642				
	*	*	0.033				
Impact-L1	*	*	0.937	0.387			

Correlation: ILS-1, ILS-2, ILS-3, ILS-4, ILS-Total, Pre-L1-KR, Pre-L2-KR, Pre-L3-KR, Pre-L4-KR, Pre-L5-KR, Pre-L6-KR, Impact-L1, Impact-L2, Impact-L4, Impact-L5, Impact-L6

	*	*	0.228	0.239				
Impact-L2	*	*	*	0.413	0.635			
	*	*	*	0.309	0.066			
Impact-L4	*	*	*	*	*	*		
	*	*	*	*	*	*	*	
Impact-L5	*	*	-0.825	-0.540	-0.575	*	*	*
	*	*	0.383	0.637	0.610	*	*	*
Impact-L6	*	*	-0.989	0.357	0.014	0.280	*	*
	*	*	0.094	0.281	0.968	0.502	*	*
		Impact-L5						
Impact-L6		0.733						
		0.477						

Cell Contents: Pearson correlation
P-Value

* NOTE * Not enough data in column.

Descriptive Statistics: Organization of materials, Instructor clarity, My understanding increased, My interest iincreased, I can apply learning, Instructor clarity, My understanding increased, My inte...

Statistics

Variable	N	N*	Mean	SE Mean	StDev	Minimum	Q1	Median	Q3
Organization of material	63	84	3.7460	0.0597	0.4741	2.0000	4.0000	4.0000	4.0000
Instructor clarity	63	84	3.6667	0.0599	0.4752	3.0000	3.0000	4.0000	4.0000
My understanding increas	63	84	4.476	0.130	1.030	1.000	4.000	5.000	5.000
My interest iincreased	63	84	4.444	0.126	0.996	1.000	4.000	5.000	5.000
I can apply learning	62	85	4.323	0.125	0.988	1.000	4.000	5.000	5.000
Instructor clarity	63	84	3.6667	0.0599	0.4752	3.0000	3.0000	4.0000	4.0000
My understanding increas	63	84	4.476	0.130	1.030	1.000	4.000	5.000	5.000
My interest iincreased	63	84	4.444	0.126	0.996	1.000	4.000	5.000	5.000
I can apply learning	62	85	4.323	0.125	0.988	1.000	4.000	5.000	5.000
My understanding increas	63	84	4.476	0.130	1.030	1.000	4.000	5.000	5.000
My interest iincreased	63	84	4.444	0.126	0.996	1.000	4.000	5.000	5.000
I can apply learning	62	85	4.323	0.125	0.988	1.000	4.000	5.000	5.000

Variable	Maximum
Organization of material	4.0000
Instructor clarity	4.0000
My understanding increas	5.000
My interest iincreased	5.000
I can apply learning	5.000

Descriptive Statistics: Organization of materials, Instructor clarity, My understanding increased, My interest iincreased, I can apply learning, Instructor clarity, My understanding increased, My inte...

Instructor clarity	4.0000
My understanding increas	5.000
My interest increased	5.000
I can apply learning	5.000
My understanding increas	5.000
My interest increased	5.000
I can apply learning	5.000