

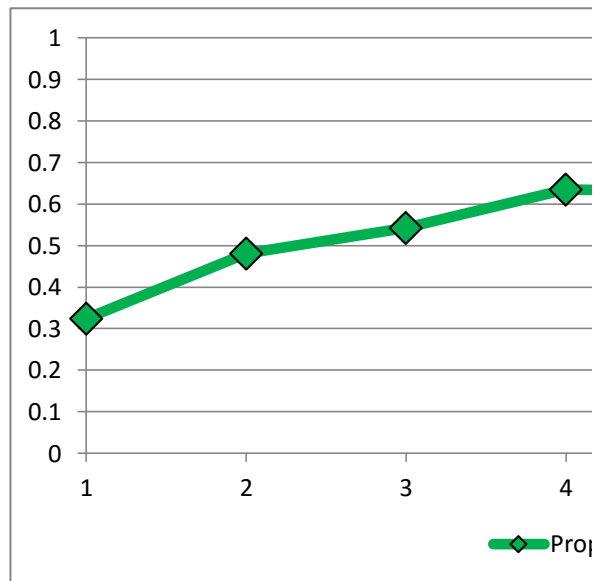
Loadings:

	MR1		MR1	MR2
C_Pos_Climate_1	0.629	C_Pos_Climate_1	0.677	
C_Neg_Climate_1	-0.457	C_Neg_Climate_1	-0.33	-0.162
C_Sensitiv_1	0.621	C_Sensitiv_1	0.758	
C_Stu_Perspec_1	0.603	C_Stu_Perspec_1	0.714	
C_Behav_Mng_1	0.44	C_Behav_Mng_1	0.339	0.127
C_Productiv_1	0.445	C_Productiv_1	0.41	
C_Learn_Fmt_1	0.651	C_Learn_Fmt_1	0.789	
C_Content_Und_1	0.654	C_Content_Und_1	0.81	
C_Prob_Solve_1	0.603	C_Prob_Solve_1	0.749	
C_Feedback_1	0.697	C_Feedback_1	0.88	
C_Dialog_1	0.684	C_Dialog_1	0.855	
C_Engagement_1	0.628	C_Engagement_1	0.682	
C_Pos_Climate_2	0.593	C_Pos_Climate_2		0.692
C_Neg_Climate_2	-0.416	C_Neg_Climate_2	-0.11	-0.356
C_Sensitiv_2	0.569	C_Sensitiv_2		0.768
C_Stu_Perspec_2	0.523	C_Stu_Perspec_2		0.691
C_Behav_Mng_2	0.425	C_Behav_Mng_2		0.416
C_Productiv_2	0.431	C_Productiv_2		0.441
C_Learn_Fmt_2	0.582	C_Learn_Fmt_2		0.805
C_Content_Und_2	0.547	C_Content_Und_2		0.806
C_Prob_Solve_2	0.521	C_Prob_Solve_2		0.702
C_Feedback_2	0.611	C_Feedback_2		0.847
C_Dialog_2	0.585	C_Dialog_2		0.818
C_Engagement_2	0.59	C_Engagement_2		0.689

N Factors

Proportion Variance

1	0.324
2	0.481
3	0.542
4	0.635
5	0.629
6	0.611
7	0.648
8	0.614

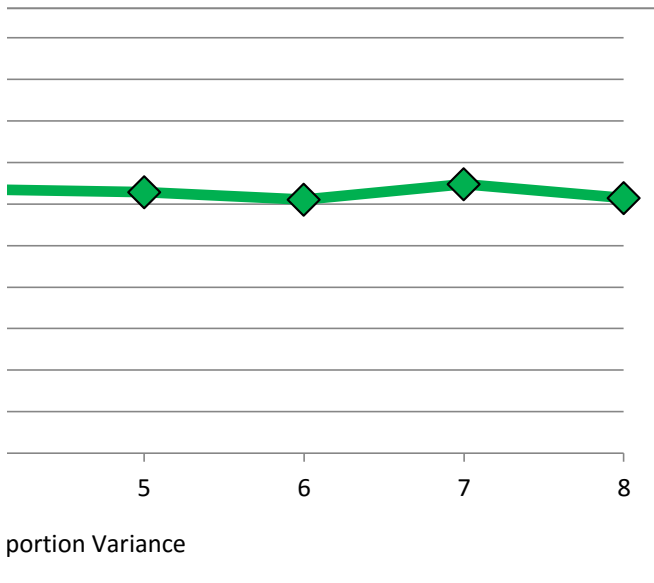


Loadings:

	MR1	MR2	MR3
C_Pos_Climate_1	0.605		0.144
C_Neg_Climate_1			-0.659
C_Sensitiv_1	0.694		
C_Stu_Perspec_1	0.745		-0.119
C_Behav_Mng_1		-0.185	0.815
C_Productiv_1	0.166	-0.16	0.626
C_Learn_Fmt_1	0.712		0.132
C_Content_Und_1	0.764		
C_Prob_Solve_1	0.784		-0.135
C_Feedback_1	0.869		
C_Dialog_1	0.877		
C_Engagement_1	0.574		0.24
C_Pos_Climate_2		0.624	0.138
C_Neg_Climate_2	0.113	-0.131	-0.587
C_Sensitiv_2		0.71	
C_Stu_Perspec_2		0.72	-0.113
C_Behav_Mng_2	-0.172	0.173	0.633
C_Productiv_2	-0.11	0.261	0.468
C_Learn_Fmt_2		0.756	
C_Content_Und_2		0.785	
C_Prob_Solve_2		0.748	-0.15
C_Feedback_2		0.858	
C_Dialog_2		0.865	-0.148
C_Engagement_2		0.612	0.169

Loadings:

	MR2	MR3
C_Pos_Climate_1	0.637	
C_Neg_Climate_1		
C_Sensitiv_1	0.721	
C_Stu_Perspec_1	0.813	
C_Behav_Mng_1	-0.143	
C_Productiv_1		
C_Learn_Fmt_1	0.75	
C_Content_Und_1	0.831	
C_Prob_Solve_1	0.806	
C_Feedback_1	0.903	
C_Dialog_1	0.932	
C_Engagement_1	0.563	
C_Pos_Climate_2		0.678
C_Neg_Climate_2		
C_Sensitiv_2		0.711
C_Stu_Perspec_2		0.839
C_Behav_Mng_2		-0.126
C_Productiv_2		
C_Learn_Fmt_2		0.744
C_Content_Und_2		0.791
C_Prob_Solve_2		0.801
C_Feedback_2		0.867
C_Dialog_2		0.908
C_Engagement_2		0.52



Loadings:

MR4	MR1		MR2	MR3	MR4	MR1	MR5
		C_Pos_Climate_1	0.439				0.581
-0.658		C_Neg_Climate_1			-0.593		-0.294
		C_Sensitiv_1	0.595				0.336
-0.156		C_Stu_Perspec_1	0.708		-0.182		0.247
1.008		C_Behav_Mng_1	-0.106		0.948		
0.73		C_Productiv_1	0.125		0.78		-0.172
0.108		C_Learn_Fmt_1	0.727		0.138		
		C_Content_Und_1	0.84				
-0.118		C_Prob_Solve_1	0.796				
		C_Feedback_1	0.863				
-0.133		C_Dialog_1	0.902				
0.243		C_Engagement_1	0.509		0.237		0.13
		C_Pos_Climate_2		0.648			0.202
	-0.665	C_Neg_Climate_2				-0.663	-0.154
	0.105	C_Sensitiv_2		0.693		0.104	
	-0.193	C_Stu_Perspec_2		0.823		-0.2	
	1.007	C_Behav_Mng_2		-0.117		0.997	
	0.739	C_Productiv_2				0.757	-0.123
		C_Learn_Fmt_2		0.752			
		C_Content_Und_2		0.807			-0.128
	-0.11	C_Prob_Solve_2		0.813		-0.106	
		C_Feedback_2		0.865			
	-0.119	C_Dialog_2		0.908		-0.115	
	0.291	C_Engagement_2		0.515		0.296	

Loadings:

	MR2	MR1	MR3	MR4	MR6	MR5
C_Pos_Climate_1	0.397				0.577	
C_Neg_Climate_1			-0.56		-0.306	
C_Sensitiv_1	0.583				0.301	
C_Stu_Perspec_1	0.65		-0.18		0.296	
C_Behav_Mng_1	-0.118		0.966			
C_Productiv_1	0.148		0.759		-0.176	
C_Learn_Fmt_1	0.74		0.139			
C_Content_Und_1	0.847				-0.173	
C_Prob_Solve_1	0.789		-0.136			
C_Feedback_1	0.868					
C_Dialog_1	0.875		-0.111			
C_Engagement_1	0.496		0.225		0.148	
C_Pos_Climate_2		0.262				0.844
C_Neg_Climate_2				-0.559		-0.205
C_Sensitiv_2		0.566				0.236
C_Stu_Perspec_2		0.659		-0.175	0.101	0.165
C_Behav_Mng_2				0.953		
C_Productiv_2		0.11		0.803		-0.124
C_Learn_Fmt_2		0.732		0.116		
C_Content_Und_2		0.827				-0.118
C_Prob_Solve_2		0.797				
C_Feedback_2		0.84				
C_Dialog_2		0.89				
C_Engagement_2		0.459		0.219		0.171

Loadings:

	MR1	MR3	MR7	MR4 MR6	MR5	MR2
C_Pos_Climate_1	0.332				0.742	
C_Neg_Climate_1			-0.614		-0.233	
C_Sensitiv_1	0.608				0.285	
C_Stu_Perspec_1	0.663		-0.143		0.157	0.224
C_Behav_Mng_1	-0.125		0.986			
C_Productiv_1	0.155		0.776		-0.193	
C_Learn_Fmt_1	0.739		0.135			
C_Content_Und_1	0.882				-0.12	
C_Prob_Solve_1	0.794					
C_Feedback_1	0.921					-0.137
C_Dialog_1	0.93					
C_Engagement_1	0.487		0.249		0.104	
C_Pos_Climate_2		0.409		0.656		
C_Neg_Climate_2			-0.61	-0.234		
C_Sensitiv_2		0.586		0.359		-0.11
C_Stu_Perspec_2		0.691	-0.112	0.161		0.364
C_Behav_Mng_2		-0.106	1.015			
C_Productiv_2		0.103	0.755	-0.161		
C_Learn_Fmt_2		0.708				
C_Content_Und_2		0.861		-0.147		
C_Prob_Solve_2		0.78				0.242
C_Feedback_2		0.871				-0.131
C_Dialog_2		0.87				0.121
C_Engagement_2		0.415	0.298	0.163		0.125

Loadings:

	MR1	MR2	MR3	MR4	MR5	MR6	MR8	MR7
C_Pos_Climate_1	0.329				0.656			
C_Neg_Climate_1			-0.577		-0.241			
C_Sensitiv_1	0.553				0.359			
C_Stu_Perspec_1	0.622		-0.127		0.195			0.254
C_Behav_Mng_1	-0.106		1.015					
C_Productiv_1	0.147		0.731		-0.156			
C_Learn_Fmt_1	0.691						0.189	
C_Content_Und_1	0.83				-0.14			
C_Prob_Solve_1	0.8							0.124
C_Feedback_1	0.904						-0.103	-0.12
C_Dialog_1	0.909						-0.125	
C_Engagement_1	0.461		0.193		0.176			
C_Pos_Climate_2		0.285		0.724				
C_Neg_Climate_2			-0.104	-0.554		-0.259	0.103	
C_Sensitiv_2		0.513		0.35				
C_Stu_Perspec_2		0.487		-0.14		0.197		0.38
C_Behav_Mng_2				0.959				
C_Productiv_2				0.753		-0.14	0.201	
C_Learn_Fmt_2	-0.111	0.55					0.439	
C_Content_Und_2		0.755		-0.134			0.226	
C_Prob_Solve_2		0.694		-0.122				0.217
C_Feedback_2	0.102	0.935					-0.126	-0.234
C_Dialog_2		0.906					-0.156	
C_Engagement_2		0.34		0.17		0.208	0.193	0.108

Loadings:

	MR1
Environment	0.806
Culture	0.873
Class.Proc	0.737
Manage_Beh	0.729
Communicating	0.798
Questioning	0.757
Engag_Learning	0.859
Assess_Instruct	0.766

Loadings:

	MR1	MR2
Environment	0.65	0.259
Culture	0.155	0.755
Class.Proc	0.727	0.121
Manage_Beh	1.034	-0.133
Communicating	0.165	0.666
Questioning	-0.139	0.909
Engag_Learning		0.894
Assess_Instruct		0.838

Loadings:

Environment	
Culture	
Class.Proc	
Manage_Beh	
Communicating	
Questioning	
Engag_Learning	
Assess_Instruct	

Loadings:

	MR1
Environment	0.814
Culture	0.871
Class.Proc	0.764
Manage_Beh	0.752
Communicating	0.825
Questioning	0.798
Engag_Learning	0.862
Assess_Instruct	0.791

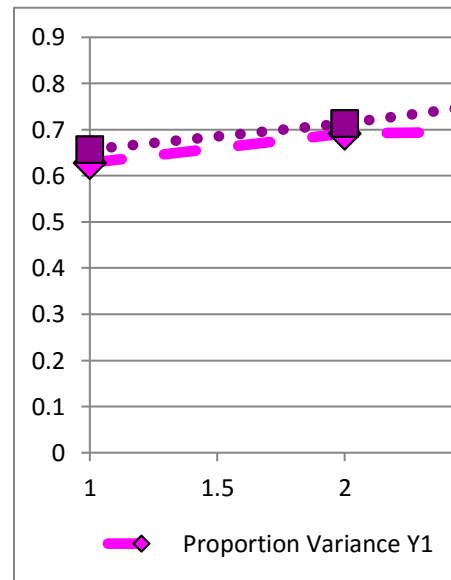
Loadings:

	MR1	MR2
Environment	0.694	0.219
Culture	0.161	0.748
Class.Proc	0.737	0.131
Manage_Beh	1.048	-0.138
Communicating	0.197	0.662
Questioning		0.897
Engag_Learning		0.902
Assess_Instruct		0.899

Loadings:

Environment	
Culture	
Class.Proc	
Manage_Beh	
Communicating	
Questioning	
Engag_Learning	
Assess_Instruct	

N Factors	Proportion	Proportion	Variance Y2
1	0.628	0.657	
2	0.692	0.714	
3	0.698	0.787	
4	0.68	0.749	

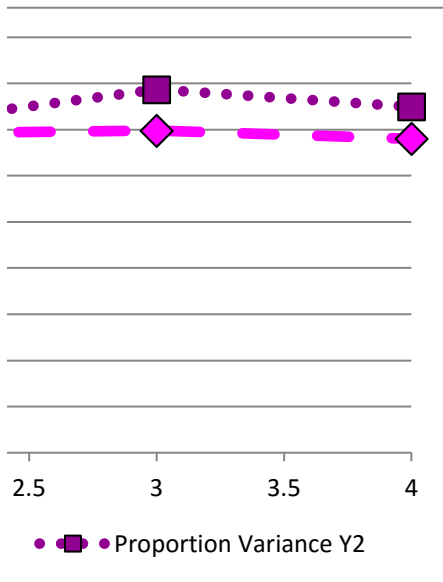


Loadings:

MR2	MR3	MR1		MR3	MR2	MR1	MR4
0.661	0.179		Environment	1.034		-0.109	
	0.233	0.801	Culture	0.149	0.333		0.507
0.752	0.113		Class.Proc			1.076	
1.06	-0.146		Manage_Beh	0.574		0.347	
0.191	0.637		Communicating	0.144	0.474	0.143	0.136
-0.12	0.98		Questioning		0.984		-0.123
	0.691	0.217	Engag_Learning		0.437		0.661
	0.859		Assess_Instruct		0.614		0.222

Loadings:

MR1	MR2	MR3		MR3	MR2	MR1	MR4
0.698	0.206		Environment	1.016		-0.108	
0.191	0.832	0.23	Culture	0.176	0.682		0.217
0.739	0.118		Class.Proc			1.016	
1.054	-0.138		Manage_Beh	0.605		0.333	
0.183	0.624	-0.12	Communicating	0.191	0.597	0.121	
-0.106	0.879	-0.107	Questioning		0.914		-0.168
	1.052		Engag_Learning		0.881		0.293
	0.918		Assess_Instruct		0.858		





Loadings:

	MR1	MR2
M_Imprecision_1		0.716
M_Imprecision_2		0.829
M_Imprecision_3		0.82
M_Imprecision_4		0.806
M_Imprecision_H		0.973
M_St_Reasoning_1	0.703	0.175
M_St_Reasoning_2	0.748	0.16
M_St_Reasoning_3	0.767	0.125
M_St_Reasoning_4	0.748	0.185
M_St_Reasoning_H	0.879	0.112
M_Richness_1	0.628	
M_Richness_2	0.688	-0.124
M_Richness_3	0.666	-0.141
M_Richness_4	0.657	-0.145
M_Richness_H	0.774	-0.198
M_Working_w_Sts_1	0.618	
M_Working_w_Sts_2	0.676	
M_Working_w_Sts_3	0.652	
M_Working_w_Sts_4	0.642	
M_Working_w_Sts_H	0.81	
M_Quality	0.589	-0.514
M_Math_Knowledge	0.493	-0.611

Loadings:

	MR1	MR2
M_Imprecision_1		0.712
M_Imprecision_2		0.821
M_Imprecision_3		0.806
M_Imprecision_4		0.797
M_Imprecision_H		0.952
M_St_Reasoning_1	0.454	0.188
M_St_Reasoning_2	0.455	0.169
M_St_Reasoning_3	0.472	0.136
M_St_Reasoning_4	0.385	0.182
M_St_Reasoning_H	0.498	0.117
M_Richness_1	0.784	
M_Richness_2	0.942	
M_Richness_3	0.956	
M_Richness_4	0.845	
M_Richness_H	1.023	
M_Working_w_Sts_1		
M_Working_w_Sts_2	-0.126	
M_Working_w_Sts_3	-0.169	
M_Working_w_Sts_4	-0.194	
M_Working_w_Sts_H	-0.15	
M_Quality	0.484	-0.48
M_Math_Knowledge	0.428	-0.578

Loadings:

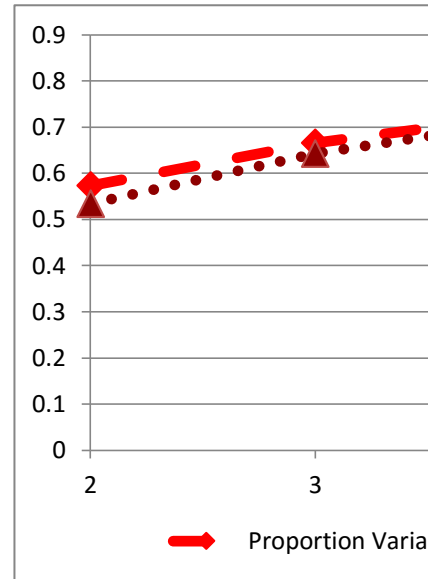
	MR1	MR2
M_Imprecision_1		0.718
M_Imprecision_2		0.827
M_Imprecision_3		0.812
M_Imprecision_4		0.817
M_Imprecision_H	0.113	0.986
M_St_Reasoning_1	0.672	0.135
M_St_Reasoning_2	0.727	0.155
M_St_Reasoning_3	0.728	0.138
M_St_Reasoning_4	0.707	0.119
M_St_Reasoning_H	0.863	0.154
M_Richness_1	0.546	
M_Richness_2	0.583	-0.103
M_Richness_3	0.635	
M_Richness_4	0.604	-0.114
M_Richness_H	0.718	-0.145
M_Working_w_Sts_1	0.638	
M_Working_w_Sts_2	0.628	
M_Working_w_Sts_3	0.649	
M_Working_w_Sts_4	0.615	

Loadings:

	MR3	MR2
M_Imprecision_1	0.121	0.738
M_Imprecision_2		0.832
M_Imprecision_3		0.817
M_Imprecision_4		0.825
M_Imprecision_H		0.987
M_St_Reasoning_1	0.112	0.112
M_St_Reasoning_2		0.111
M_St_Reasoning_3		0.104
M_St_Reasoning_4		
M_St_Reasoning_H	0.113	0.119
M_Richness_1	0.752	
M_Richness_2	0.856	
M_Richness_3	0.861	
M_Richness_4	0.832	
M_Richness_H	1.004	
M_Working_w_Sts_1		
M_Working_w_Sts_2	-0.109	
M_Working_w_Sts_3	-0.133	
M_Working_w_Sts_4	-0.113	

M_Working_w_Sts_H	0.787		M_Working_w_Sts_H		-0.119
M_Quality	0.493	-0.595	M_Quality	0.455	-0.542
M_Math_Knowledge	0.392	-0.639	M_Math_Knowledge	0.373	-0.595

N Factors	Proportion	Proportion	Variance	Y2
2	0.573	0.534		
3	0.666	0.643	0.109	
4	0.729	0.718	0.075	
5	0.738	0.739	0.021	
6	0.761	0.777	0.038	



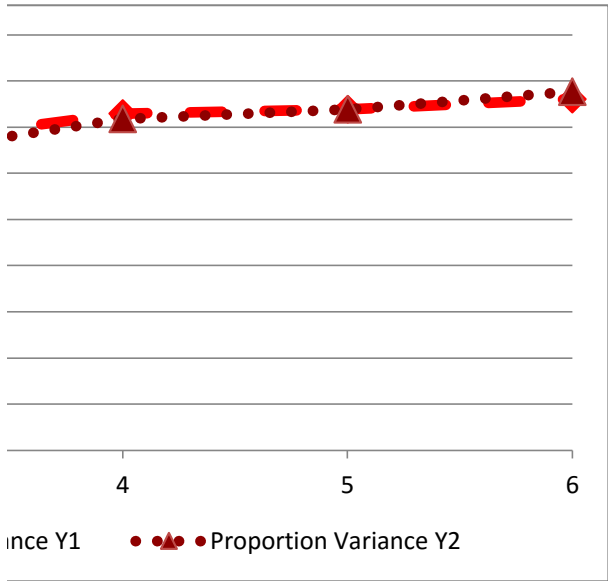
Loadings:

MR3		MR1	MR2	MR3	MR4
	M_Imprecision_1	0.102	0.765		
	M_Imprecision_2		0.864		
	M_Imprecision_3		0.862		
	M_Imprecision_4		0.81		
	M_Imprecision_H		0.994		
0.301	M_St_Reasoning_1				0.804
0.351	M_St_Reasoning_2				0.833
0.358	M_St_Reasoning_3				0.809
0.417	M_St_Reasoning_4				0.839
0.456	M_St_Reasoning_H				0.958
	M_Richness_1	0.757			
-0.171	M_Richness_2	0.93			
-0.208	M_Richness_3	0.96			
-0.107	M_Richness_4	0.802			
-0.151	M_Richness_H	1.006			
0.726	M_Working_w_Sts_1			0.691	
0.857	M_Working_w_Sts_2			0.82	
0.882	M_Working_w_Sts_3			0.851	
0.889	M_Working_w_Sts_4			0.867	
1.034	M_Working_w_Sts_H			0.99	
0.215	M_Quality	0.47	-0.423	0.228	
0.175	M_Math_Knowledge	0.443	-0.515	0.21	

Loadings:

MR1		MR3	MR2	MR1	MR4
	M_Imprecision_1	0.125	0.742		
	M_Imprecision_2		0.859		
	M_Imprecision_3		0.839		
	M_Imprecision_4		0.832		
	M_Imprecision_H		1.007		
0.617	M_St_Reasoning_1				0.633
0.743	M_St_Reasoning_2				0.775
0.707	M_St_Reasoning_3				0.875
0.675	M_St_Reasoning_4				0.837
0.817	M_St_Reasoning_H				0.959
	M_Richness_1	0.769	0.116		
	M_Richness_2	0.868			
	M_Richness_3	0.859		-0.108	0.107
	M_Richness_4	0.835			
	M_Richness_H	1.011			
0.692	M_Working_w_Sts_1		0.123	0.723	
0.748	M_Working_w_Sts_2			0.828	
0.79	M_Working_w_Sts_3			0.822	
0.739	M_Working_w_Sts_4			0.871	

0.902	M_Working_w_Sts_H			1.003	
0.179	M_Quality	0.478	-0.483	0.252	
0.139	M_Math_Knowledge	0.401	-0.525	0.276	-0.126



Loadings:

	MR1	MR2	MR3	MR4	MR5
M_Imprecision_1	0.104	0.767			
M_Imprecision_2		0.867			
M_Imprecision_3		0.865			
M_Imprecision_4		0.813			
M_Imprecision_H		0.998			
M_St_Reasoning_1			-0.167	0.647	0.573
M_St_Reasoning_2				0.722	0.373
M_St_Reasoning_3	0.103			0.804	
M_St_Reasoning_4			0.136	0.845	-0.148
M_St_Reasoning_H				0.897	0.137
M_Richness_1	0.634		-0.127		0.478
M_Richness_2	0.857				0.223
M_Richness_3	0.967				-0.138
M_Richness_4	0.843			0.124	-0.245
M_Richness_H	0.971				
M_Working_w_Sts_1			0.47		0.676
M_Working_w_Sts_2			0.668		0.431
M_Working_w_Sts_3			0.819		
M_Working_w_Sts_4			0.876		-0.121
M_Working_w_Sts_H			0.892		0.232
M_Quality	0.438	-0.425	0.187		0.152
M_Math_Knowledge	0.408	-0.518	0.166		0.148

Loadings:

	MR3	MR2	MR1	MR4	MR5
M_Imprecision_1	0.127	0.749			
M_Imprecision_2		0.879	0.113		-0.102
M_Imprecision_3		0.849			
M_Imprecision_4		0.823			
M_Imprecision_H		1.01			
M_St_Reasoning_1			-0.107	0.42	0.72
M_St_Reasoning_2				0.667	0.334
M_St_Reasoning_3				0.874	
M_St_Reasoning_4				0.826	
M_St_Reasoning_H				0.876	0.221
M_Richness_1	0.695		-0.109	-0.17	0.458
M_Richness_2	0.834				0.168
M_Richness_3	0.87	0.101		0.152	-0.123
M_Richness_4	0.849			0.109	-0.155
M_Richness_H	0.995				
M_Working_w_Sts_1			0.512		0.61
M_Working_w_Sts_2			0.717		0.303
M_Working_w_Sts_3			0.866	0.136	-0.132
M_Working_w_Sts_4			0.894		

M_Working_w_Sts_H			0.95	0.133
M_Quality	0.481	-0.466	0.264	
M_Math_Knowledge	0.409	-0.504	0.297	

Loadings:

	MR1	MR2	MR3	MR4	MR5	MR6
M_Imprecision_1		0.623			0.245	-0.492
M_Imprecision_2		0.804			0.14	-0.193
M_Imprecision_3		0.901				0.146
M_Imprecision_4		0.889			-0.194	0.259
M_Imprecision_H		0.985				
M_St_Reasoning_1	-0.113		-0.148	0.641	0.611	
M_St_Reasoning_2			-0.11	0.72	0.191	0.315
M_St_Reasoning_3	0.111			0.803		
M_St_Reasoning_4			0.16	0.844		-0.155
M_St_Reasoning_H				0.895		
M_Richness_1	0.572				0.625	-0.189
M_Richness_2	0.863	0.114	-0.114		0.161	0.141
M_Richness_3	0.977				-0.127	
M_Richness_4	0.835			0.125	-0.136	-0.172
M_Richness_H	0.962					
M_Working_w_Sts_1	-0.13		0.46		0.649	0.143
M_Working_w_Sts_2		0.184	0.584		0.122	0.589
M_Working_w_Sts_3			0.804			0.102
M_Working_w_Sts_4			0.883			
M_Working_w_Sts_H			0.86		0.142	0.233
M_Quality	0.443	-0.392	0.168			0.171
M_Math_Knowledge	0.424	-0.459	0.136			0.253

Loadings:

	MR3	MR2	MR1	MR4	MR5	MR6
M_Imprecision_1		0.71			0.205	-0.545
M_Imprecision_2		0.865	0.134			-0.288
M_Imprecision_3	0.131	0.87			-0.158	0.106
M_Imprecision_4	0.113	0.842				
M_Imprecision_H		1.01				-0.142
M_St_Reasoning_1				0.415	0.808	
M_St_Reasoning_2				0.637	0.149	0.452
M_St_Reasoning_3				0.86		
M_St_Reasoning_4				0.819		
M_St_Reasoning_H				0.86	0.229	
M_Richness_1	0.609			-0.162	0.56	-0.169
M_Richness_2	0.868					0.154
M_Richness_3	0.909	0.11		0.144	-0.166	
M_Richness_4	0.862			0.107	-0.151	
M_Richness_H	0.983					
M_Working_w_Sts_1			0.495		0.538	0.203
M_Working_w_Sts_2			0.665			0.477
M_Working_w_Sts_3			0.874	0.139	-0.133	
M_Working_w_Sts_4			0.915			

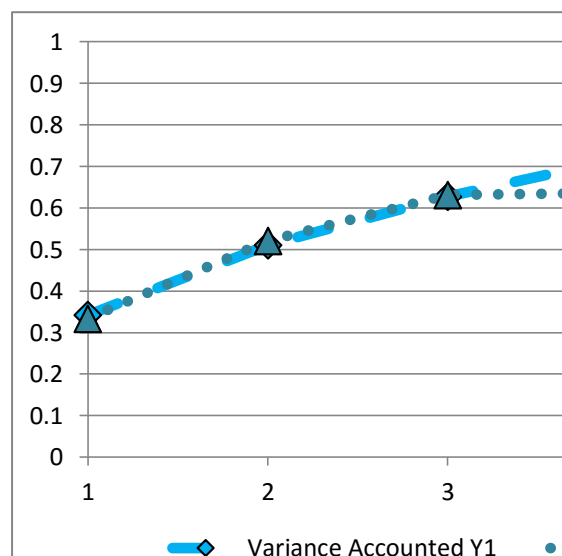
M_Working_w_Sts_H			0.942	0.157
M_Quality	0.446	-0.479	0.278	
M_Math_Knowledge	0.379	-0.516	0.309	



Loadings:		Loadings:		Loadings:	
	MR1		MR2	MR1	
Challenge1	0.58	Challenge1	0.448	0.118	Challenge1
Challenge2	0.59	Challenge2	0.512		Challenge2
Discourse1	0.585	Discourse1	0.439	0.139	Discourse1
Discourse2	0.544	Discourse2	0.442		Discourse2
Modeling1	0.491	Modeling1	0.715	-0.101	Modeling1
Modeling2	0.469	Modeling2	0.696	-0.11	Modeling2
StrategyUse1	0.595	StrategyUse1	0.825		StrategyUse1
StrategyUse2	0.549	StrategyUse2	0.831	-0.131	StrategyUse2
TimeMgt1	0.684	TimeMgt1	0.157	0.625	TimeMgt1
TimeMgt2	0.637	TimeMgt2		0.692	TimeMgt2
BehaviorMgt1	0.66	BehaviorMgt1	-0.111	0.971	BehaviorMgt1
BehaviorMgt2	0.596	BehaviorMgt2	-0.188	0.968	BehaviorMgt2

Loadings:		Loadings:		Loadings:	
	MR1		MR1	MR2	
Challenge1	0.536	Challenge1	0.148	0.419	Challenge1
Challenge2	0.543	Challenge2	0.17	0.406	Challenge2
Discourse1	0.587	Discourse1	0.253	0.361	Discourse1
Discourse2	0.553	Discourse2	0.249	0.325	Discourse2
Modeling1	0.389	Modeling1	-0.158	0.759	Modeling1
Modeling2	0.404	Modeling2		0.699	Modeling2
StrategyUse1	0.457	StrategyUse1	-0.127	0.83	StrategyUse1
StrategyUse2	0.424	StrategyUse2	-0.153	0.83	StrategyUse2
TimeMgt1	0.706	TimeMgt1	0.645		TimeMgt1
TimeMgt2	0.716	TimeMgt2	0.736		TimeMgt2
BehaviorMgt1	0.746	BehaviorMgt1	0.987	-0.159	BehaviorMgt1
BehaviorMgt2	0.707	BehaviorMgt2	0.986	-0.199	BehaviorMgt2

N Factors	Variance Accounted Y1	Variance Accounted Y2
1	0.342	0.334
2	0.511	0.521
3	0.628	0.631
4	0.723	0.637
5	0.745	0.729
6	0.764	0.772



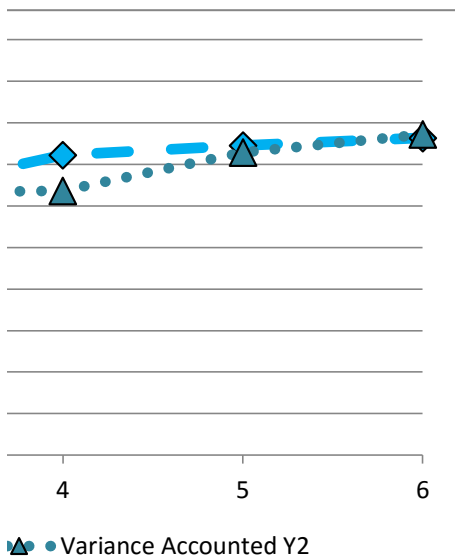
\_\_\_\_\_

Loadings:

MR3	MR2	MR1		MR4	MR1	MR3	MR2
0.828			Challenge1	0.832			-0.131
0.723			Challenge2	0.736			
0.802			Discourse1	0.801			
0.748			Discourse2	0.761	-0.132		0.118
	0.729		Modeling1		0.366		0.472
	0.728		Modeling2		-0.164		1.113
	0.82		StrategyUse1		1.144		-0.223
	0.839		StrategyUse2		0.651		0.232
0.155		0.592	TimeMgt1	0.155	0.155	0.584	
		0.648	TimeMgt2			0.64	
		0.97	BehaviorMgt1			0.976	
		0.944	BehaviorMgt2		-0.106	0.947	

Loadings:

MR2	MR3	MR1		MR2	MR1	MR3	MR4
	0.877	-0.116	Challenge1		-0.12	0.836	
	0.762		Challenge2			0.783	-0.149
	0.805		Discourse1			0.756	0.191
	0.713		Discourse2			0.712	
0.714			Modeling1	0.568	-0.164		0.387
0.731			Modeling2	0.662		-0.11	0.208
0.778			StrategyUse1	0.787			
0.84			StrategyUse2	0.941			-0.249
	0.174	0.545	TimeMgt1		0.294	0.128	0.537
		0.675	TimeMgt2		0.613	0.101	0.124
		0.932	BehaviorMgt1		0.821		0.182
	-0.139	0.995	BehaviorMgt2		1.023	-0.112	



—

---

Loadings:

Loadings:

	MR3	MR5	MR2	MR4	MR1	
Challenge1	0.823	0.143				Challenge1
Challenge2	0.738					Challenge2
Discourse1	0.799					Discourse1
Discourse2	0.789	-0.223				Discourse2
Modeling1		0.679		0.796		Modeling1
Modeling2		0.135		0.915		Modeling2
StrategyUse1		0.357			0.859	StrategyUse1
StrategyUse2		-0.122			0.911	StrategyUse2
TimeMgt1	0.152	0.203	0.556			TimeMgt1
TimeMgt2			0.671			TimeMgt2
BehaviorMgt1			0.938			BehaviorMgt1
BehaviorMgt2		-0.114	0.976			BehaviorMgt2

Loadings:

Loadings:

	MR3	MR5	MR4	MR2	MR1	
Challenge1	-0.127	0.154	0.802			Challenge1
Challenge2		-0.227	0.88			Challenge2
Discourse1		0.335	0.673			Discourse1
Discourse2			0.735		-0.104	Discourse2
Modeling1		0.167		0.468	0.325	Modeling1
Modeling2				1.136	-0.205	Modeling2
StrategyUse1				-0.248	1.143	StrategyUse1
StrategyUse2		-0.157		0.294	0.587	StrategyUse2
TimeMgt1	0.373	0.436				TimeMgt1
TimeMgt2	0.65		0.15			TimeMgt2
BehaviorMgt1	0.834	0.246				BehaviorMgt1
BehaviorMgt2	1.012					BehaviorMgt2



MR5	MR2	MR3	MR1	MR6	MR4
0.791				-0.157	
0.75					
0.771					
0.778	-0.111				0.161
	0.954				0.217
	0.336			0.689	
	0.198			-0.166	0.842
	-0.188			0.282	0.929
		1.009			
		0.293	0.48		0.122
		0.137	0.809		
		-0.202	1.125		

MR5	MR4	MR2	MR1	MR6	MR3
0.838					
0.781	0.159				-0.138
0.755					0.125
0.737					-0.102
		0.459	0.328		0.139
		1.13	-0.203		
		-0.248	1.147		
		0.293	0.59	-0.124	
	0.168				0.773
	0.858				0.164
	-0.153			0.153	0.951
	0.171			-0.125	0.901

Loadings:

	MR1		MR1	MR2
C_Pos_Climate_1	0.579	C_Pos_Climate_1	0.707	
C_Neg_Climate_1	-0.53	C_Neg_Climate_1	-0.473	
C_Sensitiv_1	0.56	C_Sensitiv_1	0.767	-0.135
C_Stu_Perspec_1	0.549	C_Stu_Perspec_1	0.708	
C_Behav_Mng_1	0.508	C_Behav_Mng_1	0.482	
C_Productiv_1	0.485	C_Productiv_1	0.506	
C_Learn_Fmt_1	0.623	C_Learn_Fmt_1	0.831	-0.135
C_Content_Und_1	0.603	C_Content_Und_1	0.84	-0.164
C_Prob_Solve_1	0.547	C_Prob_Solve_1	0.73	-0.107
C_Feedback_1	0.627	C_Feedback_1	0.845	-0.134
C_Dialog_1	0.63	C_Dialog_1	0.831	-0.11
C_Engagement_1	0.597	C_Engagement_1	0.725	
C_Pos_Climate_2	0.569	C_Pos_Climate_2		0.738
C_Neg_Climate_2	-0.448	C_Neg_Climate_2	-0.145	-0.345
C_Sensitiv_2	0.508	C_Sensitiv_2	-0.121	0.806
C_Stu_Perspec_2	0.493	C_Stu_Perspec_2		0.769
C_Behav_Mng_2	0.438	C_Behav_Mng_2	0.129	0.342
C_Productiv_2	0.413	C_Productiv_2		0.374
C_Learn_Fmt_2	0.551	C_Learn_Fmt_2		0.822
C_Content_Und_2	0.512	C_Content_Und_2	-0.138	0.838
C_Prob_Solve_2	0.499	C_Prob_Solve_2	-0.1	0.779
C_Feedback_2	0.562	C_Feedback_2	-0.131	0.902
C_Dialog_2	0.555	C_Dialog_2	-0.117	0.881
C_Engagement_2	0.589	C_Engagement_2		0.669
F_Environment	0.702	F_Environment	0.513	0.18
F_Culture	0.701	F_Culture	0.517	0.174
F_Class_Proc	0.64	F_Class_Proc	0.499	0.12
F_Manage_Beh	0.646	F_Manage_Beh	0.487	0.134
F_Communicating	0.643	F_Communicating	0.499	0.131
F_Questioning	0.613	F_Questioning	0.45	0.166
F_Engag_Learning	0.685	F_Engag_Learning	0.501	0.179
F_Assess_Instruct	0.606	F_Assess_Instruct	0.466	0.131

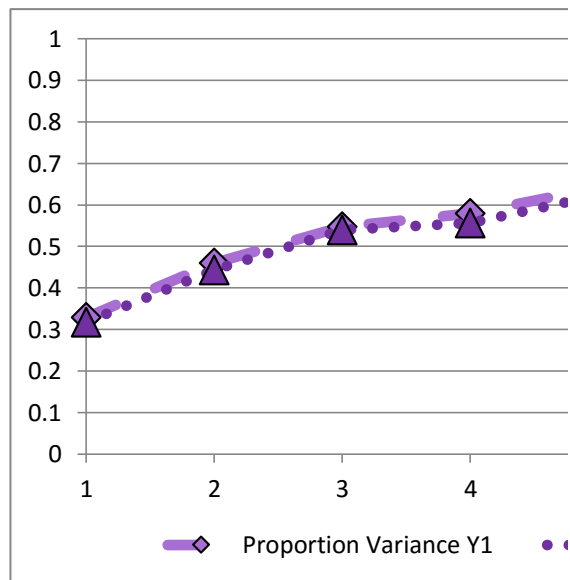
Loadings:

	MR1		MR1	MR2
C_Pos_Climate_1	0.552	C_Pos_Climate_1	0.503	
C_Neg_Climate_1	-0.505	C_Neg_Climate_1	-0.486	
C_Sensitiv_1	0.531	C_Sensitiv_1	0.523	
C_Stu_Perspec_1	0.517	C_Stu_Perspec_1	0.478	
C_Behav_Mng_1	0.488	C_Behav_Mng_1	0.502	
C_Productiv_1	0.46	C_Productiv_1	0.477	
C_Learn_Fmt_1	0.564	C_Learn_Fmt_1	0.554	
C_Content_Und_1	0.56	C_Content_Und_1	0.541	
C_Prob_Solve_1	0.505	C_Prob_Solve_1	0.469	



C_Feedback_1	0.598	C_Feedback_1	0.575	
C_Dialog_1	0.581	C_Dialog_1	0.549	
C_Engagement_1	0.566	C_Engagement_1	0.537	
C_Pos_Climate_2	0.538	C_Pos_Climate_2		0.681
C_Neg_Climate_2	-0.458	C_Neg_Climate_2	-0.285	-0.25
C_Sensitiv_2	0.498	C_Sensitiv_2		0.774
C_Stu_Perspec_2	0.457	C_Stu_Perspec_2		0.712
C_Behav_Mng_2	0.459	C_Behav_Mng_2	0.237	0.316
C_Productiv_2	0.433	C_Productiv_2	0.162	0.381
C_Learn_Fmt_2	0.506	C_Learn_Fmt_2		0.82
C_Content_Und_2	0.47	C_Content_Und_2	-0.126	0.832
C_Prob_Solve_2	0.452	C_Prob_Solve_2		0.732
C_Feedback_2	0.529	C_Feedback_2	-0.102	0.886
C_Dialog_2	0.505	C_Dialog_2	-0.11	0.859
C_Engagement_2	0.541	C_Engagement_2		0.673
F_Environment	0.728	F_Environment	0.82	
F_Culture	0.734	F_Culture	0.819	
F_Class_Proc	0.67	F_Class_Proc	0.776	
F_Manage_Beh	0.68	F_Manage_Beh	0.783	
F_Communicating	0.688	F_Communicating	0.792	
F_Questioning	0.659	F_Questioning	0.74	
F_Engag_Learning	0.726	F_Engag_Learning	0.797	
F_Assess_Instruct	0.655	F_Assess_Instruct	0.732	

N factors	Proportion	Proportion Variance Y2
1	0.329	0.318
2	0.46	0.443
3	0.547	0.54
4	0.58	0.556
5	0.641	0.623
6	0.626	0.607
7	0.637	0.615
8	0.66	0.626



Loadings:

	MR3	MR2	MR1
C_Pos_Climate_1	0.662		
C_Neg_Climate_1	-0.157		-0.444
C_Sensitiv_1	0.775		
C_Stu_Perspec_1	0.77		
C_Behav_Mng_1	0.146		0.457
C_Productiv_1	0.267		0.317
C_Learn_Fmt_1	0.786		
C_Content_Und_1	0.827		
C_Prob_Solve_1	0.769		
C_Feedback_1	0.878		
C_Dialog_1	0.887		
C_Engagement_1	0.631		0.103
C_Pos_Climate_2		0.704	
C_Neg_Climate_2		-0.249	-0.352
C_Sensitiv_2		0.774	
C_Stu_Perspec_2		0.769	-0.106
C_Behav_Mng_2	-0.117	0.23	0.392
C_Productiv_2		0.291	0.276
C_Learn_Fmt_2		0.787	
C_Content_Und_2		0.806	
C_Prob_Solve_2		0.762	
C_Feedback_2		0.874	
C_Dialog_2		0.869	
C_Engagement_2		0.622	0.119
F_Environment			0.869
F_Culture			0.866
F_Class_Proc			0.841
F_Manage_Beh			0.87
F_Communicating			0.797
F_Questioning			0.674
F_Engag_Learning			0.817
F_Assess_Instruct			0.736

Loadings:

	MR1	MR2
C_Pos_Climate_1	0.659	
C_Neg_Climate_1	-0.149	
C_Sensitiv_1	0.772	
C_Stu_Perspec_1	0.77	
C_Behav_Mng_1	0.136	-0.145
C_Productiv_1	0.263	
C_Learn_Fmt_1	0.782	
C_Content_Und_1	0.822	
C_Prob_Solve_1	0.766	
C_Feedback_1	0.874	
C_Dialog_1	0.885	
C_Engagement_1	0.627	
C_Pos_Climate_2		0.663
C_Neg_Climate_2	0.106	-0.142
C_Sensitiv_2		0.72
C_Stu_Perspec_2		0.771
C_Behav_Mng_2	-0.157	0.104
C_Productiv_2		0.191
C_Learn_Fmt_2		0.738
C_Content_Und_2		0.762
C_Prob_Solve_2		0.753
C_Feedback_2		0.838
C_Dialog_2		0.854
C_Engagement_2		0.562
F_Environment		
F_Culture		
F_Class_Proc		
F_Manage_Beh		-0.117
F_Communicating		
F_Questioning		
F_Engag_Learning		
F_Assess_Instruct		

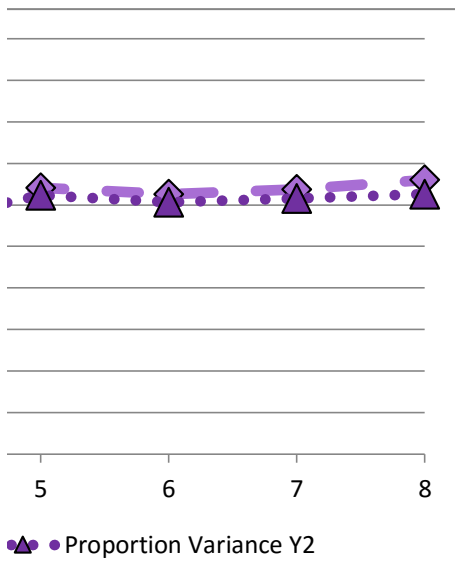
Loadings:

	MR3	MR2	MR1
C_Pos_Climate_1	0.66		
C_Neg_Climate_1	-0.21		-0.302
C_Sensitiv_1	0.755		
C_Stu_Perspec_1	0.721		
C_Behav_Mng_1	0.214		0.304
C_Productiv_1	0.322		0.21
C_Learn_Fmt_1	0.779		
C_Content_Und_1	0.814		
C_Prob_Solve_1	0.771		

Loadings:

	MR3	MR2
C_Pos_Climate_1	0.628	
C_Neg_Climate_1	-0.119	
C_Sensitiv_1	0.718	
C_Stu_Perspec_1	0.729	
C_Behav_Mng_1		-0.122
C_Productiv_1	0.235	
C_Learn_Fmt_1	0.733	
C_Content_Und_1	0.775	
C_Prob_Solve_1	0.768	

C_Feedback_1	0.89		C_Feedback_1	0.866
C_Dialog_1	0.876		C_Dialog_1	0.868
C_Engagement_1	0.649		C_Engagement_1	0.601
C_Pos_Climate_2	0.673		C_Pos_Climate_2	0.621
C_Neg_Climate_2	-0.268	-0.265	C_Neg_Climate_2	-0.145
C_Sensitiv_2	0.768		C_Sensitiv_2	0.714
C_Stu_Perspec_2	0.698		C_Stu_Perspec_2	0.707
C_Behav_Mng_2	0.333	0.244	C_Behav_Mng_2	-0.135
C_Productiv_2	0.386	0.158	C_Productiv_2	0.279
C_Learn_Fmt_2	0.81		C_Learn_Fmt_2	0.759
C_Content_Und_2	0.82		C_Content_Und_2	0.775
C_Prob_Solve_2	0.716		C_Prob_Solve_2	0.721
C_Feedback_2	0.866		C_Feedback_2	0.843
C_Dialog_2	0.838		C_Dialog_2	0.841
C_Engagement_2	0.666		C_Engagement_2	0.612
F_Environment		0.858	F_Environment	
F_Culture		0.891	F_Culture	
F_Class_Proc		0.832	F_Class_Proc	
F_Manage_Beh		0.826	F_Manage_Beh	-0.133
F_Communicating		0.856	F_Communicating	
F_Questioning		0.802	F_Questioning	
F_Engag_Learning		0.861	F_Engag_Learning	
F_Assess_Instruct		0.797	F_Assess_Instruct	



Loadings:

MR3	MR4		MR2	MR3	MR1	MR5	MR4
		C_Pos_Climate_1	0.623			0.115	
	-0.587	C_Neg_Climate_1				-0.683	
		C_Sensitiv_1	0.727			0.126	
	-0.165	C_Stu_Perspec_1	0.798			-0.161	
	0.69	C_Behav_Mng_1				0.994	
	0.475	C_Productiv_1				0.78	-0.118
		C_Learn_Fmt_1	0.744			0.14	
		C_Content_Und_1	0.821				
	-0.106	C_Prob_Solve_1	0.799			-0.131	
		C_Feedback_1	0.894				
	-0.114	C_Dialog_1	0.921			-0.137	
	0.159	C_Engagement_1	0.556			0.268	
	0.109	C_Pos_Climate_2		0.667			
	-0.676	C_Neg_Climate_2					-0.673
	0.124	C_Sensitiv_2		0.712			0.125
	-0.167	C_Stu_Perspec_2		0.827			-0.199
-0.129	0.811	C_Behav_Mng_2					1.018
-0.107	0.613	C_Productiv_2				-0.102	0.778
	0.109	C_Learn_Fmt_2		0.739			
		C_Content_Und_2		0.788			
		C_Prob_Solve_2		0.79			-0.112
		C_Feedback_2		0.861			
		C_Dialog_2		0.899			-0.117
	0.275	C_Engagement_2		0.513			0.307
0.587	0.388	F_Environment			0.678	0.153	0.104
0.836		F_Culture			0.908		
0.506	0.46	F_Class_Proc			0.591	0.239	0.12
0.444	0.599	F_Manage_Beh			0.537	0.292	0.222
0.752		F_Communicating			0.81		
0.815	-0.163	F_Questioning			0.837	-0.14	-0.116
0.891		F_Engag_Learning			0.949	-0.127	
0.804		F_Assess_Instruct			0.847	-0.11	

Loadings:

MR1	MR4		MR1	MR3	MR2	MR4	MR5
		C_Pos_Climate_1		0.595		0.143	
	-0.588	C_Neg_Climate_1				-0.635	
		C_Sensitiv_1		0.699		0.103	
	-0.143	C_Stu_Perspec_1		0.762		-0.158	
	0.718	C_Behav_Mng_1		-0.115		1.003	
	0.515	C_Productiv_1				0.757	
	0.124	C_Learn_Fmt_1		0.716		0.13	
		C_Content_Und_1		0.787			
	-0.119	C_Prob_Solve_1		0.814		-0.165	

		C_Feedback_1	0.891			
		C_Dialog_1	0.913		-0.14	
0.2		C_Engagement_1	0.549		0.264	
0.148		C_Pos_Climate_2		0.596		0.138
-0.591		C_Neg_Climate_2				-0.613
0.106		C_Sensitiv_2		0.689		0.125
-0.133		C_Stu_Perspec_2		0.756		-0.172
0.658		C_Behav_Mng_2				0.935
0.481		C_Productiv_2			-0.128	0.795
		C_Learn_Fmt_2		0.738		0.105
		C_Content_Und_2		0.775		
-0.125		C_Prob_Solve_2		0.763		-0.14
		C_Feedback_2		0.856		
-0.125		C_Dialog_2		0.873		-0.109
0.169		C_Engagement_2		0.545		0.259
0.609	0.419	F_Environment	0.737			0.11
0.805		F_Culture	0.887			
0.558	0.47	F_Class_Proc	0.677		0.165	0.14
0.487	0.605	F_Manage_Beh	0.62	-0.118	0.227	0.215
0.774		F_Communicating	0.852			
0.844	-0.118	F_Questioning	0.879		-0.113	-0.128
0.854		F_Engag_Learning	0.91			
0.818		F_Assess_Instruct	0.856		-0.103	

Loadings:

	MR3	MR2	MR1	MR5	MR4	MR6
C_Pos_Climate_1	0.608			0.155		
C_Neg_Climate_1				-0.67		
C_Sensitiv_1	0.703			0.171		-0.103
C_Stu_Perspec_1	0.81			-0.155		
C_Behav_Mng_1	-0.11			0.891		
C_Productiv_1				0.769		
C_Learn_Fmt_1	0.745			0.134		
C_Content_Und_1	0.842					
C_Prob_Solve_1	0.816			-0.153		
C_Feedback_1	0.898					
C_Dialog_1	0.931			-0.149		
C_Engagement_1	0.534			0.287		
C_Pos_Climate_2		0.64			0.12	
C_Neg_Climate_2				-0.128	-0.695	
C_Sensitiv_2		0.682			0.172	-0.11
C_Stu_Perspec_2		0.835			-0.197	
C_Behav_Mng_2					0.895	
C_Productiv_2					0.775	
C_Learn_Fmt_2		0.74			0.101	
C_Content_Und_2		0.816				0.106
C_Prob_Solve_2		0.821			-0.15	
C_Feedback_2		0.857				
C_Dialog_2		0.907			-0.124	
C_Engagement_2		0.492			0.33	
F_Environment			0.431			0.475
F_Culture			0.832			
F_Class_Proc			0.308			0.562
F_Manage_Beh			0.221	0.104	0.101	0.647
F_Communicating			0.72			0.135
F_Questioning			0.868			
F_Engag_Learning			0.928			
F_Assess_Instruct			0.868			

Loadings:

	MR3	MR2	MR1	MR5	MR4	MR6
C_Pos_Climate_1	0.575				0.196	
C_Neg_Climate_1					-0.64	
C_Sensitiv_1	0.691				0.126	
C_Stu_Perspec_1	0.765				-0.141	
C_Behav_Mng_1	-0.118				0.89	
C_Productiv_1					0.771	
C_Learn_Fmt_1	0.721				0.13	
C_Content_Und_1	0.8					
C_Prob_Solve_1	0.832				-0.194	

C_Feedback_1	0.89			
C_Dialog_1	0.909			-0.141
C_Engagement_1	0.53			0.287
C_Pos_Climate_2		0.588	0.157	
C_Neg_Climate_2			-0.605	-0.102
C_Sensitiv_2		0.678	0.138	
C_Stu_Perspec_2		0.756	-0.157	
C_Behav_Mng_2			0.842	
C_Productiv_2			0.801	
C_Learn_Fmt_2		0.727	0.122	
C_Content_Und_2		0.806		
C_Prob_Solve_2		0.796	-0.175	
C_Feedback_2		0.864		
C_Dialog_2		0.889	-0.129	
C_Engagement_2		0.505	0.306	
F_Environment			0.499	0.501
F_Culture			0.828	
F_Class_Proc			0.44	0.518
F_Manage_Beh			0.341	0.628
F_Communicating			0.758	0.162
F_Questioning			0.886	
F_Engag_Learning			0.907	
F_Assess_Instruct			0.886	

Loadings:

	MR2	MR3	MR1	MR7	MR5	MR4	MR6
C_Pos_Climate_1	0.491			0.532			
C_Neg_Climate_1				-0.317	-0.537		
C_Sensitiv_1	0.63			0.323			
C_Stu_Perspec_1	0.719			0.258	-0.198		
C_Behav_Mng_1					0.922		
C_Productiv_1				-0.142	0.816		
C_Learn_Fmt_1	0.726				0.14		
C_Content_Und_1	0.832						
C_Prob_Solve_1	0.786						
C_Feedback_1	0.862						
C_Dialog_1	0.895				-0.101		
C_Engagement_1	0.506			0.154	0.239		
C_Pos_Climate_2		0.627		0.221			
C_Neg_Climate_2				-0.162		-0.66	
C_Sensitiv_2		0.688				0.127	
C_Stu_Perspec_2		0.81		0.118		-0.197	
C_Behav_Mng_2		-0.106				0.986	
C_Productiv_2				-0.134		0.763	
C_Learn_Fmt_2		0.756					
C_Content_Und_2		0.829		-0.135			
C_Prob_Solve_2		0.816				-0.118	
C_Feedback_2		0.866					
C_Dialog_2		0.906				-0.115	
C_Engagement_2		0.505				0.293	
F_Environment			0.398				0.528
F_Culture			0.832				
F_Class_Proc			0.292				0.577
F_Manage_Beh			0.133				0.818
F_Communicating			0.724				0.105
F_Questioning			0.883				-0.139
F_Engag_Learning			0.939				
F_Assess_Instruct			0.88				-0.104

Loadings:

	MR3	MR2	MR1	MR7	MR4	MR5	MR6
C_Pos_Climate_1	0.447			0.547			
C_Neg_Climate_1				-0.382	-0.487		
C_Sensitiv_1	0.605			0.312			
C_Stu_Perspec_1	0.65			0.288	-0.167		
C_Behav_Mng_1	-0.106			0.105	0.934		
C_Productiv_1	0.121				0.728		
C_Learn_Fmt_1	0.714				0.115		
C_Content_Und_1	0.81			-0.125			
C_Prob_Solve_1	0.778				-0.131		



C_Feedback_1	0.857			
C_Dialog_1	0.863		-0.103	
C_Engagement_1	0.496		0.198	0.203
C_Pos_Climate_2	0.539		0.267	
C_Neg_Climate_2			-0.21	-0.56
C_Sensitiv_2	0.657		0.127	0.103
C_Stu_Perspec_2	0.707		0.183	-0.175
C_Behav_Mng_2				0.935
C_Productiv_2			-0.133	0.808
C_Learn_Fmt_2	0.747			0.108
C_Content_Und_2	0.829		-0.148	
C_Prob_Solve_2	0.788			-0.147
C_Feedback_2	0.883			
C_Dialog_2	0.887			-0.111
C_Engagement_2	0.511			0.248
F_Environment		0.425	0.139	0.563
F_Culture		0.813		
F_Class_Proc		0.394	-0.128	0.561
F_Manage_Beh		0.229		0.791
F_Communicating		0.744		0.144
F_Questioning		0.894		
F_Engag_Learning		0.92		
F_Assess_Instruct		0.904		-0.12

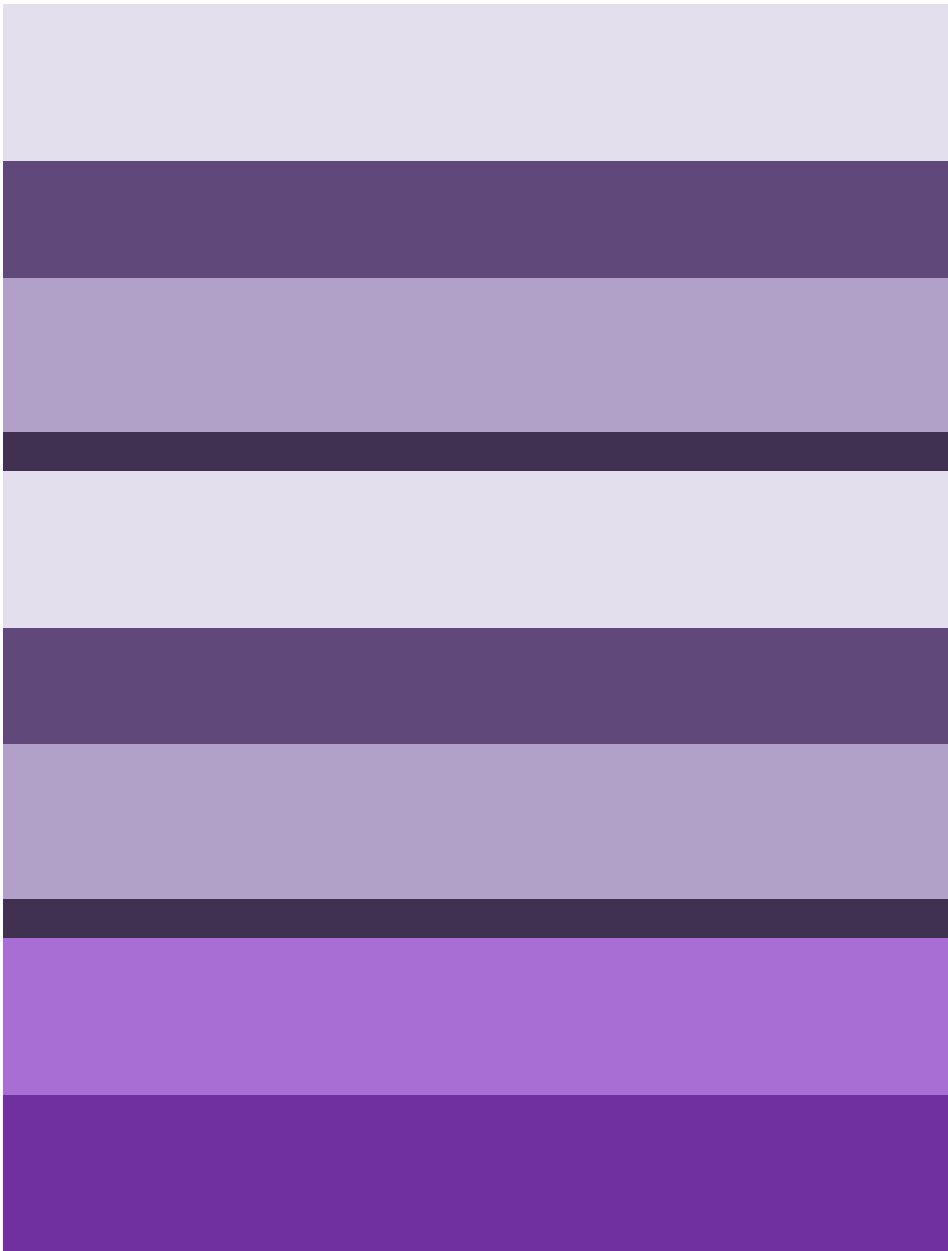
Loadings:

	MR7	MR3	MR1	MR2	MR4	MR6	MR5	MR8
C_Pos_Climate_1	0.541			0.508				
C_Neg_Climate_1	-0.328						-0.527	
C_Sensitiv_1	0.359			0.666				
C_Stu_Perspec_1	0.189			0.683			-0.184	-0.191
C_Behav_Mng_1				-0.107			0.919	
C_Productiv_1	-0.146						0.831	
C_Learn_Fmt_1				0.711			0.156	
C_Content_Und_1				0.841				
C_Prob_Solve_1				0.774				
C_Feedback_1				0.931				0.212
C_Dialog_1				0.921			-0.104	
C_Engagement_1				0.472			0.261	-0.146
C_Pos_Climate_2	0.176	0.619						
C_Neg_Climate_2	-0.148					-0.667		
C_Sensitiv_2	0.116	0.733				0.122		0.108
C_Stu_Perspec_2		0.744				-0.18		-0.252
C_Behav_Mng_2		-0.119				0.993		
C_Productiv_2	-0.12					0.77		
C_Learn_Fmt_2		0.741						
C_Content_Und_2		0.879						0.177
C_Prob_Solve_2	-0.118	0.78				-0.109		
C_Feedback_2		0.984						0.295
C_Dialog_2		0.927				-0.119		
C_Engagement_2		0.445				0.318		-0.159
F_Environment			0.387			0.535		
F_Culture			0.835					-0.122
F_Class_Proc			0.285			0.582		
F_Manage_Beh			0.128			0.819		
F_Communicating			0.709			0.113		
F_Questioning			0.872			-0.133		
F_Engag_Learning			0.956					-0.153
F_Assess_Instruct			0.871			-0.103		0.105

Loadings:

	MR7	MR3	MR1	MR2	MR5	MR6	MR4	MR8
C_Pos_Climate_1		0.409						0.596
C_Neg_Climate_1							-0.51	-0.328
C_Sensitiv_1		0.594						0.31
C_Stu_Perspec_1		0.646					-0.175	0.28
C_Behav_Mng_1		-0.111					0.952	
C_Productiv_1		0.137					0.778	-0.167
C_Learn_Fmt_1		0.734					0.13	
C_Content_Und_1		0.837						-0.157
C_Prob_Solve_1		0.791					-0.137	

C_Feedback_1		0.866			
C_Dialog_1		0.872			-0.106
C_Engagement_1		0.495			0.216 0.16
C_Pos_Climate_2	0.808		0.307		
C_Neg_Climate_2	-0.217			-0.52	
C_Sensitiv_2	0.262		0.567		
C_Stu_Perspec_2	0.179		0.647	-0.175	
C_Behav_Mng_2				0.935	
C_Productiv_2	-0.128			0.826	
C_Learn_Fmt_2			0.724	0.13	
C_Content_Und_2	-0.123		0.835		
C_Prob_Solve_2			0.796		
C_Feedback_2			0.838		
C_Dialog_2			0.881		
C_Engagement_2	0.183		0.448	0.225	
F_Environment		0.435		0.553	
F_Culture		0.82			
F_Class_Proc		0.398		0.55	-0.112
F_Manage_Beh		0.233		0.794	
F_Communicating		0.749		0.138	
F_Questioning		0.897			
F_Engag_Learning		0.925			
F_Assess_Instruct		0.907			-0.123





Loadings:

Loadings:

	MR1		MR1	MR2
M_Imprecision_1		M_Imprecision_1	0.262	-0.453
M_Imprecision_2		M_Imprecision_2	0.209	-0.425
M_Imprecision_3	-0.135	M_Imprecision_3	0.171	-0.446
M_Imprecision_4	-0.123	M_Imprecision_4	0.179	-0.439
M_Imprecision_H	-0.147	M_Imprecision_H	0.253	-0.577
M_St_Reasoning_1	0.548	M_St_Reasoning_1	0.248	0.501
M_St_Reasoning_2	0.556	M_St_Reasoning_2	0.209	0.567
M_St_Reasoning_3	0.525	M_St_Reasoning_3	0.135	0.623
M_St_Reasoning_4	0.526	M_St_Reasoning_4	0.181	0.56
M_St_Reasoning_H	0.648	M_St_Reasoning_H	0.204	0.716
M_Richness_1	0.517	M_Richness_1	0.139	0.604
M_Richness_2	0.519	M_Richness_2		0.701
M_Richness_3	0.444	M_Richness_3		0.718
M_Richness_4	0.436	M_Richness_4		0.71
M_Richness_H	0.576	M_Richness_H		0.831
M_Working_w_Sts_1	0.437	M_Working_w_Sts_1		0.561
M_Working_w_Sts_2	0.406	M_Working_w_Sts_2		0.593
M_Working_w_Sts_3	0.371	M_Working_w_Sts_3		0.638
M_Working_w_Sts_4	0.371	M_Working_w_Sts_4		0.574
M_Working_w_Sts_H	0.493	M_Working_w_Sts_H		0.761
M_Quality	0.508	M_Quality		0.86
M_Math_Knowledge	0.455	M_Math_Knowledge		0.836
C_Pos_Climate_1	0.538	C_Pos_Climate_1	0.612	
C_Neg_Climate_1	-0.475	C_Neg_Climate_1	-0.573	
C_Sensitiv_1	0.541	C_Sensitiv_1	0.588	
C_Stu_Perspec_1	0.495	C_Stu_Perspec_1	0.575	
C_Behav_Mng_1	0.477	C_Behav_Mng_1	0.532	
C_Productiv_1	0.488	C_Productiv_1	0.512	
C_Learn_Fmt_1	0.595	C_Learn_Fmt_1	0.673	
C_Content_Und_1	0.557	C_Content_Und_1	0.606	
C_Prob_Solve_1	0.531	C_Prob_Solve_1	0.554	
C_Feedback_1	0.588	C_Feedback_1	0.629	
C_Dialog_1	0.596	C_Dialog_1	0.641	
C_Engagement_1	0.558	C_Engagement_1	0.635	
C_Pos_Climate_2	0.536	C_Pos_Climate_2	0.592	
C_Neg_Climate_2	-0.407	C_Neg_Climate_2	-0.493	
C_Sensitiv_2	0.467	C_Sensitiv_2	0.541	
C_Stu_Perspec_2	0.443	C_Stu_Perspec_2	0.493	
C_Behav_Mng_2	0.421	C_Behav_Mng_2	0.481	
C_Productiv_2	0.4	C_Productiv_2	0.455	
C_Learn_Fmt_2	0.531	C_Learn_Fmt_2	0.593	
C_Content_Und_2	0.504	C_Content_Und_2	0.543	
C_Prob_Solve_2	0.496	C_Prob_Solve_2	0.491	
C_Feedback_2	0.546	C_Feedback_2	0.558	

C_Dialog_2	0.522	C_Dialog_2	0.546
C_Engagement_2	0.564	C_Engagement_2	0.659
F_Environment	0.637	F_Environment	0.704
F_Culture	0.628	F_Culture	0.692
F_Class_Proc	0.574	F_Class_Proc	0.654
F_Manage_Beh	0.577	F_Manage_Beh	0.658
F_Communicating	0.566	F_Communicating	0.6
F_Questioning	0.552	F_Questioning	0.543
F_Engag_Learning	0.612	F_Engag_Learning	0.667
F_Assess_Instruct	0.542	F_Assess_Instruct	0.571

Loadings:

Loadings:

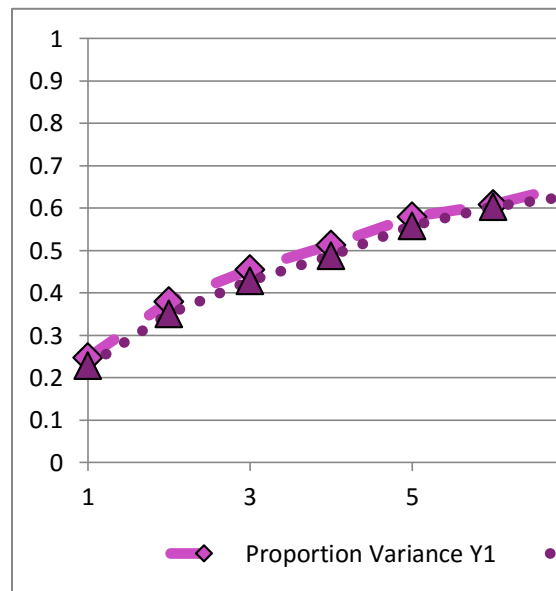
	MR1		MR1	MR2
M_Imprecision_1		M_Imprecision_1	0.211	-0.387
M_Imprecision_2	-0.119	M_Imprecision_2	0.16	-0.45
M_Imprecision_3	-0.134	M_Imprecision_3	0.125	-0.42
M_Imprecision_4		M_Imprecision_4	0.179	-0.415
M_Imprecision_H	-0.103	M_Imprecision_H	0.212	-0.504
M_St_Reasoning_1	0.476	M_St_Reasoning_1	0.183	0.515
M_St_Reasoning_2	0.461	M_St_Reasoning_2	0.132	0.569
M_St_Reasoning_3	0.441	M_St_Reasoning_3		0.585
M_St_Reasoning_4	0.473	M_St_Reasoning_4	0.147	0.565
M_St_Reasoning_H	0.582	M_St_Reasoning_H	0.189	0.683
M_Richness_1	0.429	M_Richness_1	0.15	0.487
M_Richness_2	0.448	M_Richness_2	0.116	0.571
M_Richness_3	0.421	M_Richness_3		0.604
M_Richness_4	0.385	M_Richness_4		0.62
M_Richness_H	0.517	M_Richness_H		0.721
M_Working_w_Sts_1	0.354	M_Working_w_Sts_1		0.561
M_Working_w_Sts_2	0.31	M_Working_w_Sts_2		0.602
M_Working_w_Sts_3	0.295	M_Working_w_Sts_3		0.647
M_Working_w_Sts_4	0.306	M_Working_w_Sts_4		0.625
M_Working_w_Sts_H	0.398	M_Working_w_Sts_H		0.799
M_Quality	0.422	M_Quality		0.812
M_Math_Knowledge	0.343	M_Math_Knowledge	-0.114	0.754
C_Pos_Climate_1	0.543	C_Pos_Climate_1	0.596	
C_Neg_Climate_1	-0.485	C_Neg_Climate_1	-0.542	
C_Sensitiv_1	0.547	C_Sensitiv_1	0.563	
C_Stu_Perspec_1	0.524	C_Stu_Perspec_1	0.524	
C_Behav_Mng_1	0.45	C_Behav_Mng_1	0.505	
C_Productiv_1	0.455	C_Productiv_1	0.501	
C_Learn_Fmt_1	0.573	C_Learn_Fmt_1	0.6	
C_Content_Und_1	0.586	C_Content_Und_1	0.604	
C_Prob_Solve_1	0.536	C_Prob_Solve_1	0.532	
C_Feedback_1	0.618	C_Feedback_1	0.634	
C_Dialog_1	0.59	C_Dialog_1	0.599	

C_Engagement_1	0.575	C_Engagement_1	0.605
C_Pos_Climate_2	0.541	C_Pos_Climate_2	0.594
C_Neg_Climate_2	-0.459	C_Neg_Climate_2	-0.494
C_Sensitiv_2	0.513	C_Sensitiv_2	0.546
C_Stu_Perspec_2	0.45	C_Stu_Perspec_2	0.472
C_Behav_Mng_2	0.427	C_Behav_Mng_2	0.5
C_Productiv_2	0.414	C_Productiv_2	0.475
C_Learn_Fmt_2	0.533	C_Learn_Fmt_2	0.558
C_Content_Und_2	0.491	C_Content_Und_2	0.506
C_Prob_Solve_2	0.466	C_Prob_Solve_2	0.447
C_Feedback_2	0.562	C_Feedback_2	0.561
C_Dialog_2	0.521	C_Dialog_2	0.516
C_Engagement_2	0.541	C_Engagement_2	0.607
F_Environment	0.614	F_Environment	0.706
F_Culture	0.622	F_Culture	0.704
F_Class_Proc	0.568	F_Class_Proc	0.638
F_Manage_Beh	0.576	F_Manage_Beh	0.672
F_Communicating	0.58	F_Communicating	0.633
F_Questioning	0.564	F_Questioning	0.593
F_Engag_Learning	0.622	F_Engag_Learning	0.686
F_Assess_Instruct	0.551	F_Assess_Instruct	0.602

N Factors

Proportion Proportion Variance Y2

1	0.247	0.228
2	0.379	0.35
3	0.455	0.429
4	0.513	0.488
5	0.579	0.558
6	0.608	0.603
7	0.656	0.63
8	0.673	0.658
9	0.701	0.69
10	0.711	0.701
11	0.724	0.709
12	0.747	0.735





Loadings:

Loadings:

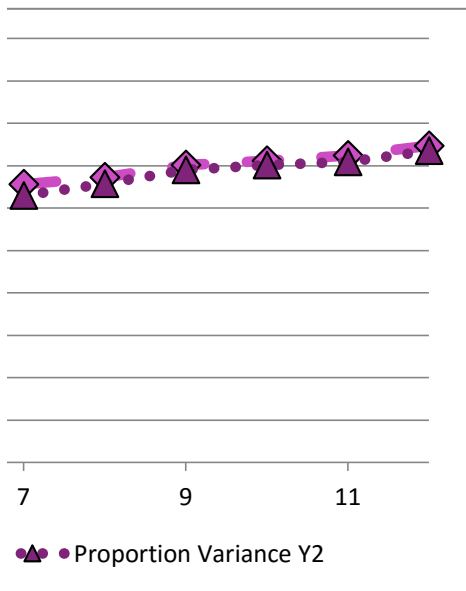
	MR1	MR2	MR3		MR1
M_Imprecision_1	0.341	-0.448		M_Imprecision_1	0.16
M_Imprecision_2	0.19	-0.423		M_Imprecision_2	
M_Imprecision_3	0.179	-0.444		M_Imprecision_3	
M_Imprecision_4	0.166	-0.437		M_Imprecision_4	
M_Imprecision_H	0.243	-0.575		M_Imprecision_H	
M_St_Reasoning_1	0.272	0.503		M_St_Reasoning_1	0.166
M_St_Reasoning_2	0.195	0.568		M_St_Reasoning_2	
M_St_Reasoning_3		0.62	0.122	M_St_Reasoning_3	
M_St_Reasoning_4		0.557	0.162	M_St_Reasoning_4	
M_St_Reasoning_H	0.13	0.715	0.111	M_St_Reasoning_H	
M_Richness_1	0.203	0.607		M_Richness_1	0.163
M_Richness_2	0.136	0.703		M_Richness_2	
M_Richness_3		0.718		M_Richness_3	
M_Richness_4		0.708		M_Richness_4	
M_Richness_H		0.831		M_Richness_H	
M_Working_w_Sts_1	0.13	0.563		M_Working_w_Sts_1	
M_Working_w_Sts_2		0.594		M_Working_w_Sts_2	
M_Working_w_Sts_3		0.637		M_Working_w_Sts_3	-0.13
M_Working_w_Sts_4		0.571		M_Working_w_Sts_4	-0.148
M_Working_w_Sts_H		0.762		M_Working_w_Sts_H	
M_Quality		0.859		M_Quality	
M_Math_Knowledge		0.835		M_Math_Knowledge	
C_Pos_Climate_1	0.672			C_Pos_Climate_1	0.628
C_Neg_Climate_1	-0.563			C_Neg_Climate_1	-0.609
C_Sensitiv_1	0.729		-0.127	C_Sensitiv_1	0.648
C_Stu_Perspec_1	0.632			C_Stu_Perspec_1	0.554
C_Behav_Mng_1	0.557			C_Behav_Mng_1	0.608
C_Productiv_1	0.556			C_Productiv_1	0.568
C_Learn_Fmt_1	0.791			C_Learn_Fmt_1	0.721
C_Content_Und_1	0.79		-0.179	C_Content_Und_1	0.691
C_Prob_Solve_1	0.688		-0.121	C_Prob_Solve_1	0.587
C_Feedback_1	0.772		-0.126	C_Feedback_1	0.661
C_Dialog_1	0.763			C_Dialog_1	0.636
C_Engagement_1	0.7			C_Engagement_1	0.647
C_Pos_Climate_2			0.762	C_Pos_Climate_2	
C_Neg_Climate_2	-0.147		-0.466	C_Neg_Climate_2	-0.236
C_Sensitiv_2			0.817	C_Sensitiv_2	
C_Stu_Perspec_2			0.741	C_Stu_Perspec_2	
C_Behav_Mng_2	0.181		0.409	C_Behav_Mng_2	0.282
C_Productiv_2	0.132		0.435	C_Productiv_2	0.211
C_Learn_Fmt_2			0.809	C_Learn_Fmt_2	
C_Content_Und_2			0.804	C_Content_Und_2	
C_Prob_Solve_2			0.726	C_Prob_Solve_2	
C_Feedback_2			0.85	C_Feedback_2	

C_Dialog_2		0.831	C_Dialog_2	
C_Engagement_2	0.119	0.719	C_Engagement_2	0.169
F_Environment	0.635	0.141	F_Environment	0.735
F_Culture	0.641	0.118	F_Culture	0.737
F_Class_Proc	0.633		F_Class_Proc	0.733
F_Manage_Beh	0.621		F_Manage_Beh	0.741
F_Communicating	0.599		F_Communicating	0.705
F_Questioning	0.519		F_Questioning	0.596
F_Engag_Learning	0.601	0.134	F_Engag_Learning	0.702
F_Assess_Instruct	0.572		F_Assess_Instruct	0.673

Loadings:

	MR1	MR2	MR3		MR1
M_Imprecision_1			0.645	M_Imprecision_1	
M_Imprecision_2	-0.103		0.745	M_Imprecision_2	
M_Imprecision_3	-0.14		0.734	M_Imprecision_3	
M_Imprecision_4			0.736	M_Imprecision_4	
M_Imprecision_H	-0.114		0.899	M_Imprecision_H	
M_St_Reasoning_1		0.645		M_St_Reasoning_1	0.117
M_St_Reasoning_2		0.707	0.1	M_St_Reasoning_2	
M_St_Reasoning_3		0.718		M_St_Reasoning_3	
M_St_Reasoning_4		0.671		M_St_Reasoning_4	
M_St_Reasoning_H		0.829		M_St_Reasoning_H	
M_Richness_1	0.113	0.478	-0.128	M_Richness_1	0.141
M_Richness_2		0.545	-0.174	M_Richness_2	0.108
M_Richness_3		0.597	-0.149	M_Richness_3	
M_Richness_4		0.583	-0.205	M_Richness_4	
M_Richness_H		0.679	-0.234	M_Richness_H	
M_Working_w_Sts_1	-0.107	0.658		M_Working_w_Sts_1	
M_Working_w_Sts_2	-0.159	0.665		M_Working_w_Sts_2	
M_Working_w_Sts_3	-0.202	0.702		M_Working_w_Sts_3	-0.119
M_Working_w_Sts_4	-0.157	0.66		M_Working_w_Sts_4	-0.104
M_Working_w_Sts_H	-0.191	0.84	-0.114	M_Working_w_Sts_H	-0.1
M_Quality		0.558	-0.609	M_Quality	
M_Math_Knowledge		0.466	-0.654	M_Math_Knowledge	
C_Pos_Climate_1	0.515		0.183	C_Pos_Climate_1	0.654
C_Neg_Climate_1	-0.54			C_Neg_Climate_1	-0.505
C_Sensitiv_1	0.472	0.154	0.18	C_Sensitiv_1	0.673
C_Stu_Perspec_1	0.43	0.177	0.177	C_Stu_Perspec_1	0.592
C_Behav_Mng_1	0.501			C_Behav_Mng_1	0.506
C_Productiv_1	0.466			C_Productiv_1	0.516
C_Learn_Fmt_1	0.513	0.137	0.177	C_Learn_Fmt_1	0.716
C_Content_Und_1	0.502	0.169	0.204	C_Content_Und_1	0.701
C_Prob_Solve_1	0.419	0.207	0.212	C_Prob_Solve_1	0.6
C_Feedback_1	0.523	0.186	0.22	C_Feedback_1	0.733
C_Dialog_1	0.473	0.211	0.248	C_Dialog_1	0.698

C_Engagement_1	0.523	0.127	0.167	C_Engagement_1	0.657
C_Pos_Climate_2	0.603			C_Pos_Climate_2	
C_Neg_Climate_2	-0.556		0.125	C_Neg_Climate_2	-0.236
C_Sensitiv_2	0.578			C_Sensitiv_2	
C_Stu_Perspec_2	0.471			C_Stu_Perspec_2	
C_Behav_Mng_2	0.557	-0.124		C_Behav_Mng_2	0.21
C_Productiv_2	0.514			C_Productiv_2	0.145
C_Learn_Fmt_2	0.561			C_Learn_Fmt_2	
C_Content_Und_2	0.492			C_Content_Und_2	-0.104
C_Prob_Solve_2	0.405	0.13		C_Prob_Solve_2	
C_Feedback_2	0.528	0.106		C_Feedback_2	
C_Dialog_2	0.486	0.103		C_Dialog_2	
C_Engagement_2	0.618			C_Engagement_2	
F_Environment	0.807	-0.185	-0.174	F_Environment	0.724
F_Culture	0.791	-0.152	-0.15	F_Culture	0.706
F_Class_Proc	0.723	-0.139	-0.153	F_Class_Proc	0.674
F_Manage_Beh	0.763	-0.182	-0.146	F_Manage_Beh	0.691
F_Communicating	0.715	-0.112	-0.16	F_Communicating	0.687
F_Questioning	0.667		-0.158	F_Questioning	0.641
F_Engag_Learning	0.762	-0.114	-0.141	F_Engag_Learning	0.693
F_Assess_Instruct	0.686	-0.113	-0.161	F_Assess_Instruct	0.64



Loadings:

MR2	MR3	MR4		MR2	MR1	MR5
-0.174		0.605	M_Imprecision_1		0.127	
	0.102	0.715	M_Imprecision_2			
-0.106		0.711	M_Imprecision_3			
-0.113		0.684	M_Imprecision_4			
-0.185		0.834	M_Imprecision_H			
0.592			M_St_Reasoning_1	0.63		0.119
0.674			M_St_Reasoning_2	0.697		0.121
0.719	0.151		M_St_Reasoning_3	0.746		
0.667	0.19		M_St_Reasoning_4	0.714		
0.798	0.138		M_St_Reasoning_H	0.832		
0.592		-0.135	M_Richness_1	0.592		0.106
0.676		-0.18	M_Richness_2	0.677		
0.693		-0.185	M_Richness_3	0.695		
0.677		-0.197	M_Richness_4	0.685		
0.785		-0.245	M_Richness_H	0.776		
0.575			M_Working_w_Sts_1	0.615	0.103	
0.653			M_Working_w_Sts_2	0.708		
0.686			M_Working_w_Sts_3	0.707	-0.103	
0.644			M_Working_w_Sts_4	0.682		
0.814			M_Working_w_Sts_H	0.855		
0.66		-0.533	M_Quality	0.607		
0.596		-0.603	M_Math_Knowledge	0.521		
		0.148	C_Pos_Climate_1			0.7
			C_Neg_Climate_1	-0.525		-0.183
0.123	-0.11	0.205	C_Sensitiv_1			0.801
		0.23	C_Stu_Perspec_1	-0.121		0.81
			C_Behav_Mng_1	0.551		0.153
			C_Productiv_1	0.394		0.274
		0.203	C_Learn_Fmt_1			0.793
0.142	-0.156	0.242	C_Content_Und_1			0.812
0.179		0.239	C_Prob_Solve_1			0.779
0.177	-0.101	0.273	C_Feedback_1			0.849
0.196		0.317	C_Dialog_1			0.865
		0.171	C_Engagement_1		0.102	0.684
	0.734		C_Pos_Climate_2			
0.116	-0.43		C_Neg_Climate_2	-0.416		0.155
	0.79		C_Sensitiv_2			
	0.723		C_Stu_Perspec_2	-0.179		0.127
-0.104	0.37	-0.145	C_Behav_Mng_2	0.524		-0.215
	0.403		C_Productiv_2	0.402		-0.171
	0.784		C_Learn_Fmt_2			
	0.782		C_Content_Und_2			
0.141	0.713		C_Prob_Solve_2		-0.12	
	0.824		C_Feedback_2			

0.111	0.814	0.108	C_Dialog_2	-0.145
	0.69		C_Engagement_2	0.162
	0.102	-0.172	F_Environment	0.851
		-0.17	F_Culture	0.807
-0.128		-0.176	F_Class_Proc	0.875
-0.153		-0.22	F_Manage_Beh	0.911
		-0.22	F_Communicating	0.796
		-0.175	F_Questioning	0.656
		-0.185	F_Engag_Learning	0.793
		-0.214	F_Assess_Instruct	0.766

Loadings:

MR2	MR4	MR3		MR2	MR1	MR5
		0.638	M_Imprecision_1			
		0.742	M_Imprecision_2			
		0.731	M_Imprecision_3			
	0.111	0.737	M_Imprecision_4			
		0.894	M_Imprecision_H			
0.618			M_St_Reasoning_1	0.621		0.167
0.676			M_St_Reasoning_2	0.697		0.121
0.693	0.122		M_St_Reasoning_3	0.705	-0.105	
0.649	0.159		M_St_Reasoning_4	0.673		
0.799	0.131		M_St_Reasoning_H	0.813		0.107
0.456		-0.132	M_Richness_1	0.5	0.179	
0.521		-0.177	M_Richness_2	0.546	0.114	
0.573		-0.148	M_Richness_3	0.616		
0.561		-0.201	M_Richness_4	0.605		-0.106
0.651		-0.236	M_Richness_H	0.686	0.132	
0.634			M_Working_w_Sts_1	0.655		
0.638			M_Working_w_Sts_2	0.674		
0.675			M_Working_w_Sts_3	0.712		
0.636			M_Working_w_Sts_4	0.668		
0.808		-0.113	M_Working_w_Sts_H	0.846		
0.533		-0.609	M_Quality	0.5		
0.444		-0.653	M_Math_Knowledge	0.414		
		0.154	C_Pos_Climate_1			0.743
			C_Neg_Climate_1		-0.359	-0.239
0.131	-0.131	0.145	C_Sensitiv_1			0.793
0.156		0.148	C_Stu_Perspec_1			0.779
			C_Behav_Mng_1		0.378	0.221
			C_Productiv_1		0.289	0.319
0.113	-0.133	0.141	C_Learn_Fmt_1			0.795
0.145	-0.116	0.168	C_Content_Und_1			0.813
0.184		0.182	C_Prob_Solve_1			0.782
0.161	-0.12	0.183	C_Feedback_1			0.867
0.185	-0.131	0.212	C_Dialog_1			0.858

0.107		0.138	C_Engagement_1	0.686
	0.698		C_Pos_Climate_2	
	-0.398	0.107	C_Neg_Climate_2	-0.344
	0.769		C_Sensitiv_2	
	0.685		C_Stu_Perspec_2	
-0.109	0.433		C_Behav_Mng_2	0.329
	0.472		C_Productiv_2	0.241
	0.796		C_Learn_Fmt_2	
	0.798		C_Content_Und_2	
0.148	0.688	0.101	C_Prob_Solve_2	-0.153
0.128	0.82		C_Feedback_2	
0.125	0.79		C_Dialog_2	-0.131
	0.693		C_Engagement_2	
-0.189		-0.192	F_Environment	0.873
-0.157	0.107	-0.168	F_Culture	0.856
-0.145		-0.172	F_Class_Proc	0.875
-0.185		-0.164	F_Manage_Beh	0.871
-0.12		-0.182	F_Communicating	0.85
		-0.178	F_Questioning	0.8
-0.12		-0.159	F_Engag_Learning	0.829
-0.12		-0.18	F_Assess_Instruct	0.793

Loadings:

MR3	MR4		MR2	MR5	MR3	MR1
-0.11	0.701	M_Imprecision_1			-0.127	
	0.822	M_Imprecision_2				
	0.82	M_Imprecision_3				
	0.801	M_Imprecision_4				
	0.963	M_Imprecision_H				
	0.149	M_St_Reasoning_1	0.626	0.112		0.171
	0.139	M_St_Reasoning_2	0.691	0.109		0.131
0.123	0.119	M_St_Reasoning_3	0.743		0.131	
0.147	0.175	M_St_Reasoning_4	0.71		0.161	
0.101		M_St_Reasoning_H	0.826		0.127	0.139
		M_Richness_1	0.596	0.117		
	-0.119	M_Richness_2	0.684		-0.107	-0.107
	-0.122	M_Richness_3	0.702			-0.193
	-0.125	M_Richness_4	0.691			-0.169
	-0.186	M_Richness_H	0.782			-0.135
		M_Working_w_Sts_1	0.612			0.122
	0.113	M_Working_w_Sts_2	0.705			
		M_Working_w_Sts_3	0.705			
	0.1	M_Working_w_Sts_4	0.68			
		M_Working_w_Sts_H	0.852			
	-0.501	M_Quality	0.609			
	-0.598	M_Math_Knowledge	0.521			
		C_Pos_Climate_1		0.708		
		C_Neg_Climate_1		-0.208		-0.15
		C_Sensitiv_1		0.813		
0.117		C_Stu_Perspec_1		0.808	0.14	
		C_Behav_Mng_1		0.185	-0.135	
		C_Productiv_1		0.301		
		C_Learn_Fmt_1		0.806		
		C_Content_Und_1		0.826		
		C_Prob_Solve_1		0.78		
		C_Feedback_1		0.856		
		C_Dialog_1		0.869		
		C_Engagement_1		0.696		
0.746		C_Pos_Climate_2			0.711	
-0.366		C_Neg_Climate_2		0.129	-0.274	
0.797		C_Sensitiv_2			0.75	
0.776		C_Stu_Perspec_2		0.112	0.777	
0.283		C_Behav_Mng_2		-0.182	0.177	
0.334		C_Productiv_2		-0.145	0.245	
0.789		C_Learn_Fmt_2			0.747	
0.788		C_Content_Und_2			0.745	
0.74		C_Prob_Solve_2			0.731	
0.838		C_Feedback_2			0.803	

0.847	C_Dialog_2	0.835
0.683	C_Engagement_2	0.633
	F_Environment	0.735
	F_Culture	0.83
	F_Class_Proc	0.696
	F_Manage_Beh	0.654
	F_Communicating	0.807
	F_Questioning	0.829
	F_Engag_Learning	0.872
	F_Assess_Instruct	0.843

Loadings:

MR4	MR3		MR1	MR5	MR4	MR2
	0.707	M_Imprecision_1				
	0.828	M_Imprecision_2				
	0.815	M_Imprecision_3				
	0.811	M_Imprecision_4				
	0.98	M_Imprecision_H				
	0.118	M_St_Reasoning_1		0.163		0.606
	0.143	M_St_Reasoning_2		0.114		0.721
0.104	0.131	M_St_Reasoning_3			0.112	0.681
0.13	0.111	M_St_Reasoning_4			0.139	0.649
0.109	0.138	M_St_Reasoning_H		0.101	0.119	0.785
		M_Richness_1				
	-0.109	M_Richness_2				
		M_Richness_3				
	-0.104	M_Richness_4				0.107
	-0.144	M_Richness_H				
		M_Working_w_Sts_1				0.649
		M_Working_w_Sts_2				0.703
		M_Working_w_Sts_3				0.73
		M_Working_w_Sts_4				0.678
		M_Working_w_Sts_H				0.835
	-0.588	M_Quality				0.181
	-0.629	M_Math_Knowledge				0.142
		C_Pos_Climate_1		0.749		
		C_Neg_Climate_1	-0.295	-0.245		0.117
		C_Sensitiv_1		0.797		
		C_Stu_Perspec_1		0.781		
		C_Behav_Mng_1	0.281	0.23		-0.169
		C_Productiv_1	0.209	0.327		-0.118
		C_Learn_Fmt_1		0.803		
		C_Content_Und_1		0.822		
		C_Prob_Solve_1		0.787		
		C_Feedback_1		0.874		
		C_Dialog_1		0.864		



	C_Engagement_1		0.692	
0.712	C_Pos_Climate_2		0.715	
-0.358	C_Neg_Climate_2	-0.287	-0.355	0.126
0.791	C_Sensitiv_2		0.797	
0.718	C_Stu_Perspec_2		0.726	
0.393	C_Behav_Mng_2	0.25	0.387	-0.196
0.444	C_Productiv_2	0.185	0.44	-0.136
0.812	C_Learn_Fmt_2		0.811	
0.804	C_Content_Und_2		0.804	
0.721	C_Prob_Solve_2	-0.107	0.729	0.158
0.838	C_Feedback_2		0.844	0.105
0.82	C_Dialog_2		0.828	0.131
0.705	C_Engagement_2		0.707	
	F_Environment	0.854		
	F_Culture	0.894		
	F_Class_Proc	0.847		
	F_Manage_Beh	0.824		-0.105
	F_Communicating	0.88		
	F_Questioning	0.855		0.156
	F_Engag_Learning	0.885		0.124
	F_Assess_Instruct	0.861		0.143

Loadings:

MR4	MR6		MR5	MR2	MR3	MR1
0.717	0.165	M_Imprecision_1			-0.127	
0.832		M_Imprecision_2				
0.83		M_Imprecision_3				
0.804		M_Imprecision_4				
0.972		M_Imprecision_H				
0.135	-0.106	M_St_Reasoning_1		0.417		0.198
0.12	-0.196	M_St_Reasoning_2		0.439		0.161
0.112		M_St_Reasoning_3		0.498	0.14	
0.162	-0.111	M_St_Reasoning_4		0.392	0.168	
	-0.162	M_St_Reasoning_H		0.498	0.136	0.163
	0.173	M_Richness_1		0.75		
	0.225	M_Richness_2		0.942		
	0.225	M_Richness_3		0.985		-0.127
-0.102	0.206	M_Richness_4		0.89		-0.115
-0.163	0.208	M_Richness_H		1.029		
		M_Working_w_Sts_1				
0.105		M_Working_w_Sts_2				
	-0.113	M_Working_w_Sts_3				-0.107
		M_Working_w_Sts_4		-0.128		-0.113
		M_Working_w_Sts_H				
-0.488	0.147	M_Quality		0.512		
-0.592		M_Math_Knowledge		0.45		
		C_Pos_Climate_1	0.718			
	-0.551	C_Neg_Climate_1	-0.224			-0.123
		C_Sensitiv_1	0.83	-0.101		
	-0.198	C_Stu_Perspec_1	0.806		0.145	
	0.66	C_Behav_Mng_1	0.199		-0.148	
	0.496	C_Productiv_1	0.305	0.177	-0.104	
		C_Learn_Fmt_1	0.806			
		C_Content_Und_1	0.826			
	-0.128	C_Prob_Solve_1	0.78			
		C_Feedback_1	0.864			
	-0.104	C_Dialog_1	0.87			
	0.112	C_Engagement_1	0.704			
	0.131	C_Pos_Climate_2			0.719	
	-0.647	C_Neg_Climate_2	0.114		-0.266	
	0.178	C_Sensitiv_2		-0.183	0.751	
	-0.166	C_Stu_Perspec_2	0.106		0.794	
	0.778	C_Behav_Mng_2	-0.165		0.165	
	0.628	C_Productiv_2	-0.133		0.238	
	0.157	C_Learn_Fmt_2		0.11	0.764	
	0.148	C_Content_Und_2		0.154	0.764	
		C_Prob_Solve_2			0.75	
		C_Feedback_2			0.81	

	C_Dialog_2	0.849
0.273	C_Engagement_2	0.64
0.247	F_Environment	0.75
	F_Culture	0.864
0.323	F_Class_Proc	0.708
0.434	F_Manage_Beh	0.659
	F_Communicating	0.849
-0.166	F_Questioning	0.877
	F_Engag_Learning	0.909
	F_Assess_Instruct	0.878

Loadings:

MR6	MR3		MR1	MR2	MR4	MR5
	0.729	M_Imprecision_1				
	0.84	M_Imprecision_2				
	0.828	M_Imprecision_3				
	0.826	M_Imprecision_4				
	0.989	M_Imprecision_H				
		M_St_Reasoning_1	0.173	0.535		0.101
		M_St_Reasoning_2	0.12	0.677		0.117
		M_St_Reasoning_3		0.651	0.123	
		M_St_Reasoning_4		0.618	0.148	
		M_St_Reasoning_H	0.107	0.739	0.137	
0.696		M_Richness_1				
0.792		M_Richness_2				
0.846		M_Richness_3				
0.798		M_Richness_4				
0.959		M_Richness_H				
		M_Working_w_Sts_1		0.698		
		M_Working_w_Sts_2		0.783		
		M_Working_w_Sts_3	-0.109	0.848		
		M_Working_w_Sts_4	-0.106	0.796		
		M_Working_w_Sts_H	-0.103	0.958		
0.51	-0.532	M_Quality		0.209		
0.434	-0.582	M_Math_Knowledge		0.179		
		C_Pos_Climate_1	0.723			
-0.16		C_Neg_Climate_1	-0.19			
		C_Sensitiv_1	0.763			
-0.149		C_Stu_Perspec_1	0.776			
0.258		C_Behav_Mng_1	0.16		-0.129	
0.213	0.104	C_Productiv_1	0.266		-0.114	
		C_Learn_Fmt_1	0.773			
		C_Content_Und_1	0.792			
		C_Prob_Solve_1	0.778			
		C_Feedback_1	0.851			
		C_Dialog_1	0.85			

	C_Engagement_1	0.659	
	C_Pos_Climate_2		0.669
-0.155	C_Neg_Climate_2		-0.238
	C_Sensitiv_2		0.734
-0.14	C_Stu_Perspec_2		0.735
0.192	C_Behav_Mng_2	-0.122	0.247
0.134	C_Productiv_2	-0.104	0.324
0.102	C_Learn_Fmt_2	-0.107	0.776
	C_Content_Und_2		0.772
-0.112	C_Prob_Solve_2		0.739
	C_Feedback_2		0.813
-0.105	C_Dialog_2		0.819
	C_Engagement_2		0.662
	F_Environment		0.74
-0.12	F_Culture		0.87
	F_Class_Proc		0.708
0.113	F_Manage_Beh		0.646
	F_Communicating		0.867
-0.132	F_Questioning		0.893
-0.157	F_Engag_Learning		0.903
-0.188	F_Assess_Instruct		0.862

Loadings:

MR7	MR4	MR6		MR5	MR1	MR3
	0.707	0.14	M_Imprecision_1			
	0.824		M_Imprecision_2			
	0.818		M_Imprecision_3			
	0.803		M_Imprecision_4			
	0.956		M_Imprecision_H			
0.216	0.153	-0.139	M_St_Reasoning_1			-0.109
0.247	0.14	-0.229	M_St_Reasoning_2			
0.279	0.128	-0.121	M_St_Reasoning_3			
0.334	0.168	-0.123	M_St_Reasoning_4			
0.343		-0.186	M_St_Reasoning_H			
			M_Richness_1			
-0.145			M_Richness_2			
-0.163			M_Richness_3			
			M_Richness_4			
-0.126			M_Richness_H			
0.734			M_Working_w_Sts_1			
0.858			M_Working_w_Sts_2			
0.876			M_Working_w_Sts_3			
0.885			M_Working_w_Sts_4			
1.029			M_Working_w_Sts_H			
0.223	-0.472	0.134	M_Quality			
0.173	-0.572		M_Math_Knowledge			
			C_Pos_Climate_1	0.718		
		-0.563	C_Neg_Climate_1	-0.222	-0.1	0.107
0.109			C_Sensitiv_1	0.834		
		-0.198	C_Stu_Perspec_1	0.806		0.124
		0.661	C_Behav_Mng_1	0.198		-0.173
		0.476	C_Productiv_1	0.306		-0.105
			C_Learn_Fmt_1	0.81		
			C_Content_Und_1	0.833		
		-0.131	C_Prob_Solve_1	0.781		
			C_Feedback_1	0.868		
		-0.104	C_Dialog_1	0.872		
		0.12	C_Engagement_1	0.701		
		0.139	C_Pos_Climate_2			0.696
		-0.659	C_Neg_Climate_2	0.122		-0.176
0.131		0.223	C_Sensitiv_2			0.746
		-0.17	C_Stu_Perspec_2	0.107		0.77
		0.79	C_Behav_Mng_2	-0.173		
		0.633	C_Productiv_2	-0.141		0.154
-0.145		0.12	C_Learn_Fmt_2			0.753
-0.156		0.103	C_Content_Und_2			0.783
		-0.108	C_Prob_Solve_2			0.746
		0.116	C_Feedback_2			0.83

		C_Dialog_2	0.844
0.269		C_Engagement_2	0.577
0.24		F_Environment	0.743
		F_Culture	0.853
0.315		F_Class_Proc	0.695
0.427		F_Manage_Beh	0.641
		F_Communicating	0.863
-0.193		F_Questioning	0.858
		F_Engag_Learning	0.899
		F_Assess_Instruct	0.884

Loadings:

MR3	MR6	MR7		MR1	MR5	MR4
0.729	0.101		M_Imprecision_1			
0.838			M_Imprecision_2			
0.826			M_Imprecision_3			
0.825			M_Imprecision_4			
0.987			M_Imprecision_H			
	0.106	-0.172	M_St_Reasoning_1	0.136		
		-0.151	M_St_Reasoning_2			
		-0.108	M_St_Reasoning_3			
			M_St_Reasoning_4			
	0.108	-0.129	M_St_Reasoning_H			
	0.73		M_Richness_1			
	0.848		M_Richness_2			
	0.87		M_Richness_3			
	0.85		M_Richness_4			
	1.002		M_Richness_H			
			M_Working_w_Sts_1			
			M_Working_w_Sts_2			
	-0.112	0.146	M_Working_w_Sts_3			
	-0.102	0.161	M_Working_w_Sts_4			
		0.159	M_Working_w_Sts_H			
-0.534	0.45	0.113	M_Quality			
-0.584	0.373	0.106	M_Math_Knowledge			
			C_Pos_Climate_1	0.727		
		-0.597	C_Neg_Climate_1	-0.178		
	-0.112	0.142	C_Sensitiv_1	0.774		
		-0.157	C_Stu_Perspec_1	0.766		
		0.756	C_Behav_Mng_1	0.138		-0.166
		0.62	C_Productiv_1	0.257		-0.127
		0.147	C_Learn_Fmt_1	0.766		
		0.135	C_Content_Und_1	0.799		
		-0.101	C_Prob_Solve_1	0.773		
			C_Feedback_1	0.861		
			C_Dialog_1	0.849		

	0.199	C_Engagement_1	0.649	
	0.15	C_Pos_Climate_2		0.672
	-0.573	C_Neg_Climate_2	0.123	-0.186
-0.106	0.182	C_Sensitiv_2		0.761
	-0.149	C_Stu_Perspec_2		0.738
	0.679	C_Behav_Mng_2	-0.157	0.178
	0.539	C_Productiv_2	-0.133	0.262
0.125		C_Learn_Fmt_2		0.765
0.107		C_Content_Und_2		0.77
	-0.165	C_Prob_Solve_2		0.715
		C_Feedback_2		0.833
		C_Dialog_2		0.815
	0.157	C_Engagement_2		0.642
	0.244	F_Environment	0.742	
		F_Culture	0.867	
	0.291	F_Class_Proc	0.706	
	0.395	F_Manage_Beh	0.633	
		F_Communicating	0.869	
	-0.144	F_Questioning	0.896	
		F_Engag_Learning	0.899	
		F_Assess_Instruct	0.872	

Loadings:

MR2	MR4	MR7	MR6	MR8		MR5
	0.745				M_Imprecision_1	
	0.86				M_Imprecision_2	
	0.857				M_Imprecision_3	
	0.814				M_Imprecision_4	
	0.987				M_Imprecision_H	
				0.715	M_St_Reasoning_1	
				0.77	M_St_Reasoning_2	
				0.816	M_St_Reasoning_3	
				0.83	M_St_Reasoning_4	
				0.915	M_St_Reasoning_H	
0.741					M_Richness_1	
0.914					M_Richness_2	
0.924					M_Richness_3	
0.784				0.128	M_Richness_4	
0.98					M_Richness_H	
		0.702			M_Working_w_Sts_1	
		0.814			M_Working_w_Sts_2	
		0.818			M_Working_w_Sts_3	
		0.836			M_Working_w_Sts_4	
		0.965			M_Working_w_Sts_H	
0.465	-0.439	0.223			M_Quality	
0.449	-0.525	0.203			M_Math_Knowledge	
			-0.588		C_Pos_Climate_1	0.685
		0.118			C_Neg_Climate_1	
					C_Sensitiv_1	0.772
			-0.185		C_Stu_Perspec_1	0.854
			0.681		C_Behav_Mng_1	
0.168			0.464		C_Productiv_1	
					C_Learn_Fmt_1	0.753
0.142				-0.102	C_Content_Und_1	0.821
			-0.131		C_Prob_Solve_1	0.841
					C_Feedback_1	0.885
			-0.112		C_Dialog_1	0.902
			0.159		C_Engagement_1	0.581
			0.137		C_Pos_Climate_2	
			-0.76		C_Neg_Climate_2	
-0.103		0.154	0.195	-0.103	C_Sensitiv_2	
			-0.169		C_Stu_Perspec_2	
			0.884		C_Behav_Mng_2	
			0.728	0.11	C_Productiv_2	
0.122		-0.102			C_Learn_Fmt_2	
0.213					C_Content_Und_2	
			-0.134		C_Prob_Solve_2	
		0.151		-0.123	C_Feedback_2	



-0.105		C_Dialog_2
0.321	0.101	C_Engagement_2
0.2		F_Environment
		F_Culture
0.286		F_Class_Proc
0.412		F_Manage_Beh
		F_Communicating
-0.217	0.13	F_Questioning
		F_Engag_Learning
-0.118		F_Assess_Instruct

Loadings:

MR3	MR6	MR2	MR7	MR8		MR1
0.736	0.103				M_Imprecision_1	
0.854					M_Imprecision_2	
0.838					M_Imprecision_3	
0.828					M_Imprecision_4	
1					M_Imprecision_H	
		0.147		0.532	M_St_Reasoning_1	0.141
		0.131		0.739	M_St_Reasoning_2	
				0.884	M_St_Reasoning_3	
				0.834	M_St_Reasoning_4	-0.103
				0.927	M_St_Reasoning_H	
0.105	0.746			-0.122	M_Richness_1	
	0.856				M_Richness_2	
	0.858	-0.115		0.149	M_Richness_3	
	0.844				M_Richness_4	
	1.001				M_Richness_H	
0.116		0.729			M_Working_w_Sts_1	
		0.816			M_Working_w_Sts_2	
		0.796		0.122	M_Working_w_Sts_3	
		0.855			M_Working_w_Sts_4	
		0.985			M_Working_w_Sts_H	
-0.498	0.463	0.253			M_Quality	
-0.541	0.39	0.266		-0.103	M_Math_Knowledge	
					C_Pos_Climate_1	0.705
			-0.612		C_Neg_Climate_1	
	-0.1	0.115			C_Sensitiv_1	0.756
			-0.159	0.105	C_Stu_Perspec_1	0.817
			0.792		C_Behav_Mng_1	
			0.624		C_Productiv_1	
			0.134		C_Learn_Fmt_1	0.728
					C_Content_Und_1	0.808
			-0.114		C_Prob_Solve_1	0.838
					C_Feedback_1	0.876
					C_Dialog_1	0.89

	0.198			C_Engagement_1	0.575
	0.128			C_Pos_Climate_2	
	-0.63			C_Neg_Climate_2	
	0.142	0.128	-0.144	C_Sensitiv_2	
		-0.167		C_Stu_Perspec_2	
	0.757			C_Behav_Mng_2	
	0.607	0.104		C_Productiv_2	
0.127				C_Learn_Fmt_2	
0.113				C_Content_Und_2	
		-0.146	0.15	C_Prob_Solve_2	
		0.118		C_Feedback_2	
				C_Dialog_2	
	0.167			C_Engagement_2	
	0.219			F_Environment	
				F_Culture	
	0.276			F_Class_Proc	
	0.413			F_Manage_Beh	
				F_Communicating	
	-0.167			F_Questioning	
				F_Engag_Learning	
	-0.115			F_Assess_Instruct	

MR3	MR1	MR2	MR4	MR7	MR8	MR9	MR6
			0.739 0.857 0.86 0.82 0.988			0.167	
	-0.106				0.734 0.774 0.829 0.844 0.929		
		0.713 0.896 0.933 0.79 0.978				0.172 0.101	-0.15
				0.697 0.816 0.819 0.837 0.966			
		0.465 0.451	-0.436 -0.522	0.225 0.205			
						-0.741 0.167 -0.208	
				0.117		0.915 0.842 0.164	-0.129
		0.153			-0.118		
						-0.191 -0.116	
		-0.11			0.113	0.329	
0.713						-0.133	-0.707
0.746 0.86		-0.103 -0.107		0.153	-0.102 0.106		0.161 -0.275
						-0.124	0.928 0.878
0.746 0.777 0.8 0.846		0.124 0.213		-0.101			0.118 -0.172
				0.148	-0.115		



						0.317
	0.622					0.197
						-0.693
	0.717		0.145	-0.145		0.182
	0.819					-0.246
						0.914
						0.866
						-0.1
	0.732		0.128			0.152
	0.773		0.111			
	0.789			0.17		-0.208
	0.84		0.109			
	0.862					-0.123
	0.557					0.308
0.758						0.129
0.882						
0.723					0.132	0.166
0.65	-0.108				0.219	0.25
0.884						
0.909					-0.117	-0.131
0.914						
0.886						-0.102

Loadings:

	MR5	MR3	MR1	MR2	MR4	MR8	MR7
M_Imprecision_1					0.743		
M_Imprecision_2					0.858		
M_Imprecision_3					0.86		
M_Imprecision_4					0.821		
M_Imprecision_H					0.99		
M_St_Reasoning_1						0.692	-0.114
M_St_Reasoning_2						0.735	
M_St_Reasoning_3				0.123		0.799	
M_St_Reasoning_4						0.814	0.129
M_St_Reasoning_H						0.889	
M_Richness_1				0.611			
M_Richness_2				0.84			
M_Richness_3				0.967			
M_Richness_4				0.856		0.113	
M_Richness_H				0.969			
M_Working_w_Sts_1				-0.111			0.519
M_Working_w_Sts_2							0.687
M_Working_w_Sts_3							0.808
M_Working_w_Sts_4							0.854
M_Working_w_Sts_H							0.893
M_Quality				0.436	-0.44		0.186
M_Math_Knowledge				0.416	-0.526		0.162
C_Pos_Climate_1	0.685						
C_Neg_Climate_1							
C_Sensitiv_1	0.772						0.117
C_Stu_Perspec_1	0.853						
C_Behav_Mng_1							
C_Productiv_1							
C_Learn_Fmt_1	0.752						
C_Content_Und_1	0.82			0.133		-0.114	
C_Prob_Solve_1	0.839						
C_Feedback_1	0.883						
C_Dialog_1	0.9						
C_Engagement_1	0.582					0.111	
C_Pos_Climate_2		0.716					
C_Neg_Climate_2							
C_Sensitiv_2		0.756		-0.128		-0.101	0.114
C_Stu_Perspec_2		0.853				0.104	
C_Behav_Mng_2							
C_Productiv_2							
C_Learn_Fmt_2		0.751		0.107			-0.104
C_Content_Und_2		0.779		0.203			
C_Prob_Solve_2		0.799					
C_Feedback_2		0.85				-0.111	0.129

C_Dialog_2	0.889		
C_Engagement_2	0.54		
F_Environment		0.73	
F_Culture		0.871	
F_Class_Proc		0.668	
F_Manage_Beh		0.637	
F_Communicating		0.862	
F_Questioning		0.855	0.11
F_Engag_Learning		0.924	
F_Assess_Instruct		0.887	

Loadings:

	MR1	MR5	MR4	MR3	MR6	MR2	MR8
M_Imprecision_1				0.737	0.103		
M_Imprecision_2				0.871			
M_Imprecision_3				0.846			
M_Imprecision_4				0.826			
M_Imprecision_H				1.009			
M_St_Reasoning_1							0.425
M_St_Reasoning_2			-0.109				0.668
M_St_Reasoning_3							0.857
M_St_Reasoning_4							0.806
M_St_Reasoning_H							0.862
M_Richness_1					0.657		-0.163
M_Richness_2					0.828		
M_Richness_3					0.873		0.159
M_Richness_4					0.864		0.119
M_Richness_H					0.986		
M_Working_w_Sts_1						0.571	
M_Working_w_Sts_2						0.751	
M_Working_w_Sts_3						0.838	0.147
M_Working_w_Sts_4						0.876	
M_Working_w_Sts_H						0.956	
M_Quality				-0.485	0.464	0.258	
M_Math_Knowledge				-0.522	0.398	0.282	
C_Pos_Climate_1	0.737						
C_Neg_Climate_1							
C_Sensitiv_1	0.775					0.145	
C_Stu_Perspec_1	0.828						
C_Behav_Mng_1							
C_Productiv_1							
C_Learn_Fmt_1	0.706						
C_Content_Und_1	0.789						
C_Prob_Solve_1	0.847						
C_Feedback_1	0.866						
C_Dialog_1	0.884						

C_Engagement_1	0.561			
C_Pos_Climate_2		0.611		
C_Neg_Climate_2				
C_Sensitiv_2		0.714	0.132	-0.138
C_Stu_Perspec_2		0.816		
C_Behav_Mng_2				
C_Productiv_2				
C_Learn_Fmt_2		0.73	0.125	
C_Content_Und_2		0.778	0.124	
C_Prob_Solve_2		0.79		0.164
C_Feedback_2		0.842	0.121	
C_Dialog_2		0.862		
C_Engagement_2		0.548		
F_Environment	0.765			
F_Culture	0.879			
F_Class_Proc	0.722			
F_Manage_Beh	0.654	-0.104		
F_Communicating	0.885			
F_Questioning	0.906			
F_Engag_Learning	0.912			
F_Assess_Instruct	0.883			



Loadings:

MR9	MR6	MR10		MR3	MR5	MR1
0.175			M_Imprecision_1			
			M_Imprecision_2			
			M_Imprecision_3			
-0.124			M_Imprecision_4			
			M_Imprecision_H			
		0.527	M_St_Reasoning_1			
		0.366	M_St_Reasoning_2			
			M_St_Reasoning_3			
			M_St_Reasoning_4			
		0.154	M_St_Reasoning_H			
0.139	-0.118	0.376	M_Richness_1			
		0.179	M_Richness_2			
		-0.172	M_Richness_3			
		-0.262	M_Richness_4			
			M_Richness_H			
		0.633	M_Working_w_Sts_1			
		0.442	M_Working_w_Sts_2			
			M_Working_w_Sts_3			
			M_Working_w_Sts_4			
		0.24	M_Working_w_Sts_H			
		0.155	M_Quality			
		0.156	M_Math_Knowledge			
0.116		-0.183	C_Pos_Climate_1		0.607	
-0.741			C_Neg_Climate_1			
0.169			C_Sensitiv_1		0.723	
-0.195		-0.139	C_Stu_Perspec_1		0.813	
0.91			C_Behav_Mng_1			
0.819	-0.119	0.189	C_Productiv_1			
0.163			C_Learn_Fmt_1		0.754	
			C_Content_Und_1		0.829	
-0.2		0.121	C_Prob_Solve_1		0.837	
			C_Feedback_1		0.861	
-0.119			C_Dialog_1		0.891	
0.335			C_Engagement_1		0.577	
			C_Pos_Climate_2	0.691		
-0.131	-0.711		C_Neg_Climate_2			
	0.173	0.102	C_Sensitiv_2	0.742		
	-0.284		C_Stu_Perspec_2	0.845		
	0.936		C_Behav_Mng_2			
-0.124	0.886		C_Productiv_2			
	0.124		C_Learn_Fmt_2	0.753		
			C_Content_Und_2	0.788		
	-0.172		C_Prob_Solve_2	0.807		
			C_Feedback_2	0.846		

	-0.138		C_Dialog_2	0.89
	0.343		C_Engagement_2	0.543
0.159			F_Environment	0.732
			F_Culture	0.871
0.196	0.148	0.12	F_Class_Proc	0.672
0.299	0.199		F_Manage_Beh	0.641
			F_Communicating	0.862
-0.192	-0.107		F_Questioning	0.854
			F_Engag_Learning	0.924
-0.125			F_Assess_Instruct	0.887

Loadings:

MR7	MR9	MR10		MR5	MR1	MR4
			M_Imprecision_1			
			M_Imprecision_2			
			M_Imprecision_3			
			M_Imprecision_4			
			M_Imprecision_H			
		0.71	M_St_Reasoning_1			
		0.293	M_St_Reasoning_2			-0.129
			M_St_Reasoning_3			
			M_St_Reasoning_4			
		0.233	M_St_Reasoning_H			
0.112		0.458	M_Richness_1			
		0.131	M_Richness_2			
			M_Richness_3			
		-0.136	M_Richness_4			
			M_Richness_H			
		0.551	M_Working_w_Sts_1			
		0.235	M_Working_w_Sts_2			
		-0.134	M_Working_w_Sts_3			
			M_Working_w_Sts_4			
		0.103	M_Working_w_Sts_H			
			M_Quality			
			M_Math_Knowledge			
		-0.164	C_Pos_Climate_1		0.678	
-0.668		0.109	C_Neg_Climate_1			
0.101			C_Sensitiv_1		0.744	
-0.218			C_Stu_Perspec_1		0.794	
0.96			C_Behav_Mng_1			
0.862		0.146	C_Productiv_1			
0.217			C_Learn_Fmt_1		0.72	
			C_Content_Und_1		0.804	
-0.219			C_Prob_Solve_1		0.841	
			C_Feedback_1		0.86	
-0.123			C_Dialog_1		0.876	

0.324			C_Engagement_1	0.56	
	0.198	0.123	C_Pos_Climate_2		0.555
	-0.696		C_Neg_Climate_2		
	0.183		C_Sensitiv_2		0.684
	-0.247		C_Stu_Perspec_2		0.773
	0.918		C_Behav_Mng_2		
-0.116	0.87		C_Productiv_2		
	0.153		C_Learn_Fmt_2		0.741
			C_Content_Und_2		0.793
	-0.209		C_Prob_Solve_2		0.786
			C_Feedback_2		0.841
	-0.124		C_Dialog_2		0.855
	0.309		C_Engagement_2		0.543
0.107			F_Environment	0.744	
			F_Culture	0.871	
0.163	0.133		F_Class_Proc	0.733	
0.236	0.22		F_Manage_Beh	0.651	-0.101
			F_Communicating	0.881	
-0.132	-0.117		F_Questioning	0.902	
			F_Engag_Learning	0.908	
-0.102			F_Assess_Instruct	0.881	

MR2	MR4	MR8	MR7	MR6	MR9	MR10	MR11
	0.735 0.862 0.864 0.827 0.995				0.197	-0.12	
		0.674 0.73 0.802 0.822 0.89	-0.155			0.535 0.328	
0.119			0.153			-0.126 0.121	
0.63 0.846 0.995 0.875 0.991				-0.127	0.13	0.366 0.163 -0.137 -0.231	
			0.45 0.649 0.806 0.87 0.877			0.7 0.47	
0.399 0.384	-0.451 -0.536		0.193 0.165	0.102		0.107 0.115	-0.102 -0.115
							0.57
					-0.547	-0.101	-0.577
							0.359
					-0.23		0.206
					0.862 0.881		0.231
					0.214		
		-0.101			0.133		
					-0.133		
-0.114		0.12			0.344	-0.119	0.127
						0.126	0.275
				-0.672			-0.317
		-0.11		0.155		0.157	0.123
		0.101		-0.29			0.102
				0.934 0.907		-0.111	-0.163
				0.132			
0.151							-0.162
				-0.152			-0.13
		-0.11	0.125				

				-0.13			
				0.349			
					0.104		0.144
				0.165	0.227		
				0.201	0.271		
0.106							
	0.109			-0.104	-0.176		
					-0.107		

MR3	MR6	MR2	MR8	MR7	MR9	MR10	MR11
0.738	0.108						
0.871							
0.847							
0.826							
1.009							
			0.424			0.721	
			0.671			0.295	0.113
			0.857				
			0.804				
			0.862			0.235	
	0.674		-0.162		-0.107	0.462	
	0.845					0.13	
	0.886		0.16			-0.102	
	0.86		0.119			-0.138	
	0.99						
		0.569				0.561	
		0.743				0.239	
		0.841	0.147			-0.133	
		0.878					
		0.956				0.108	
-0.487	0.445	0.264			-0.112	-0.172	0.399
-0.523	0.382	0.287				0.117	-0.622
		0.139		-0.529			0.206
				-0.231			0.119
				0.894			0.263
				0.848		0.151	
				0.242			
				0.119			-0.13
				-0.189			
				-0.101			

0.312					
			0.106	0.12	0.373
			-0.552		-0.556
0.125	-0.136		0.138		0.206
			-0.275		0.18
			0.859		0.188
			0.866		
			0.178		
					-0.117
	0.163		-0.174		
0.126			-0.1		
			0.292		
					0.215
		0.175	0.15		
		0.213	0.2		0.149
		-0.116	-0.101		

Loadings:

	MR3	MR5	MR1	MR4	MR2	MR8	MR7
M_Imprecision_1				0.705			
M_Imprecision_2				0.851			
M_Imprecision_3				0.896			
M_Imprecision_4				0.886			
M_Imprecision_H				1.014			
M_St_Reasoning_1						0.665	-0.139
M_St_Reasoning_2						0.731	
M_St_Reasoning_3					0.119	0.801	
M_St_Reasoning_4						0.815	0.162
M_St_Reasoning_H						0.888	
M_Richness_1					0.627		
M_Richness_2					0.831		
M_Richness_3					0.985		
M_Richness_4					0.872	0.112	
M_Richness_H					0.981		
M_Working_w_Sts_1							0.471
M_Working_w_Sts_2				0.121			0.641
M_Working_w_Sts_3							0.813
M_Working_w_Sts_4							0.892
M_Working_w_Sts_H							0.889
M_Quality				-0.447	0.39		0.191
M_Math_Knowledge				-0.526	0.373		0.158
C_Pos_Climate_1		0.591					
C_Neg_Climate_1							
C_Sensitiv_1		0.712					
C_Stu_Perspec_1		0.809					
C_Behav_Mng_1							
C_Productiv_1							
C_Learn_Fmt_1		0.758					
C_Content_Und_1		0.836				-0.104	
C_Prob_Solve_1		0.841					
C_Feedback_1		0.858					
C_Dialog_1		0.892					
C_Engagement_1		0.58			-0.108	0.116	
C_Pos_Climate_2	0.663						
C_Neg_Climate_2							
C_Sensitiv_2	0.727					-0.114	
C_Stu_Perspec_2	0.842						
C_Behav_Mng_2							
C_Productiv_2							
C_Learn_Fmt_2	0.751						
C_Content_Und_2	0.825			0.103	0.14		
C_Prob_Solve_2	0.813						
C_Feedback_2	0.861					-0.106	0.119

C_Dialog_2	0.909						
C_Engagement_2	0.524						
F_Environment		0.738					
F_Culture		0.876					
F_Class_Proc		0.675					
F_Manage_Beh		0.648					
F_Communicating		0.863			0.103		
F_Questioning		0.847				0.116	
F_Engag_Learning		0.928					
F_Assess_Instruct		0.889					

Loadings:

	MR5	MR1	MR4	MR3	MR6	MR2	MR8
M_Imprecision_1			-0.117	0.772			
M_Imprecision_2				0.9		0.119	
M_Imprecision_3				0.867			
M_Imprecision_4				0.846			
M_Imprecision_H				1.041			
M_St_Reasoning_1							0.425
M_St_Reasoning_2							0.632
M_St_Reasoning_3							0.859
M_St_Reasoning_4							0.815
M_St_Reasoning_H							0.859
M_Richness_1					0.663		-0.144
M_Richness_2					0.849		
M_Richness_3					0.889		0.153
M_Richness_4					0.864		0.111
M_Richness_H					0.988		
M_Working_w_Sts_1						0.52	
M_Working_w_Sts_2						0.691	
M_Working_w_Sts_3						0.855	0.165
M_Working_w_Sts_4						0.9	
M_Working_w_Sts_H						0.945	
M_Quality				-0.5	0.44	0.275	
M_Math_Knowledge				-0.537	0.377	0.299	
C_Pos_Climate_1		0.679					
C_Neg_Climate_1							
C_Sensitiv_1		0.748				0.127	
C_Stu_Perspec_1		0.795					
C_Behav_Mng_1							
C_Productiv_1							
C_Learn_Fmt_1		0.714					
C_Content_Und_1		0.8					
C_Prob_Solve_1		0.842					
C_Feedback_1		0.859					
C_Dialog_1		0.876					



C_Engagement_1		0.555		
C_Pos_Climate_2		0.486		
C_Neg_Climate_2				
C_Sensitiv_2		0.647	0.138	-0.119
C_Stu_Perspec_2		0.74		
C_Behav_Mng_2				
C_Productiv_2				
C_Learn_Fmt_2		0.766	0.103	
C_Content_Und_2		0.865	0.106	
C_Prob_Solve_2		0.818		0.147
C_Feedback_2		0.85	0.122	
C_Dialog_2		0.88		
C_Engagement_2		0.489		
F_Environment	0.743			
F_Culture	0.871			
F_Class_Proc	0.731			
F_Manage_Beh	0.649			
F_Communicating	0.88			
F_Questioning	0.902			
F_Engag_Learning	0.908			
F_Assess_Instruct	0.882			

MR6	MR9	MR10	MR11	MR12
			-0.125	-0.319
		0.145		-0.107
				0.223
		-0.103		0.424
				0.104
		0.575		
		0.266		0.267
				-0.174
		0.107		
-0.135		0.475		-0.16
	0.101	0.17		
		-0.118		
		-0.169		-0.127
		0.671		0.108
		0.316		0.386
				-0.217
		0.2		
0.104				
				0.136
			0.605	
	-0.603		-0.602	
	0.138		0.408	0.132
	-0.232		0.208	
	0.901		0.265	
	0.869			
	0.181			-0.11
				-0.106
	-0.166			
			0.13	0.104
	0.294			-0.195
	-0.121	0.197	0.198	-0.161
-0.682		-0.107	-0.261	
0.157		0.179		
-0.294				
0.947				
0.921		-0.164	-0.129	0.159
0.134				
0.104		-0.173		0.236
-0.154			-0.123	
				0.118

-0.128				0.105
0.351				-0.112
		0.11	0.114	
0.166	0.208			
0.202	0.234			-0.106
-0.102	-0.104			0.236
	-0.1			

MR9	MR7	MR10	MR11	MR12
				0.641
				0.343
				0.286
		0.73		
		0.297	0.123	-0.235
		0.237		
-0.102		0.468		0.201
		0.128		
		-0.108		
		-0.145		
		0.576		-0.189
		0.251		-0.265
		-0.123		
				0.16
		0.122		
-0.112		-0.174	0.405	
	-0.538	0.121	-0.636	
			0.214	
	-0.228		0.121	
	0.897		0.276	
	0.842	0.152		
	0.235			
	0.115		-0.131	
	-0.186			

0.306				
0.116		0.125	0.354	0.255
-0.561			-0.545	
0.144			0.195	0.114
-0.271			0.175	0.121
0.865			0.177	
0.871				
0.177				
			-0.103	-0.258
-0.178				-0.122
-0.103				
0.3				0.203
			0.219	
0.148	0.183			-0.107
0.199	0.221		0.156	
-0.101	-0.117			

Loadings:

Loadings:

	MR1		MR1	MR2
P_Challenge_1	0.472	P_Challenge_1	0.168	0.385
P_Challenge_2	0.44	P_Challenge_2	0.296	0.196
P_Discourse_1	0.542	P_Discourse_1	0.197	0.436
P_Discourse_2	0.448	P_Discourse_2	0.283	0.218
P_Modeling_1	0.284	P_Modeling_1	0.225	
P_Modeling_2	0.237	P_Modeling_2	0.256	
P_StrategyUse_1	0.379	P_StrategyUse_1	0.278	0.157
P_StrategyUse_2	0.333	P_StrategyUse_2	0.289	
P_TimeMgt_1	0.601	P_TimeMgt_1	0.54	0.122
P_TimeMgt_2	0.489	P_TimeMgt_2	0.655	-0.142
P_BehaviorMgt_1	0.697	P_BehaviorMgt_1	0.883	-0.153
P_BehaviorMgt_2	0.588	P_BehaviorMgt_2	0.934	-0.341
C_Pos_Climate_1	0.518	C_Pos_Climate_1		0.707
C_Neg_Climate_1	-0.561	C_Neg_Climate_1	-0.558	
C_Sensitiv_1	0.502	C_Sensitiv_1	-0.167	0.819
C_Stu_Perspec_1	0.49	C_Stu_Perspec_1	-0.245	0.896
C_Behav_Mng_1	0.554	C_Behav_Mng_1	0.617	
C_Productiv_1	0.504	C_Productiv_1	0.381	0.181
C_Learn_Fmt_1	0.577	C_Learn_Fmt_1		0.795
C_Content_Und_1	0.596	C_Content_Und_1		0.849
C_Prob_Solve_1	0.509	C_Prob_Solve_1	-0.17	0.834
C_Feedback_1	0.6	C_Feedback_1	-0.16	0.941
C_Dialog_1	0.592	C_Dialog_1	-0.189	0.964
C_Engagement_1	0.561	C_Engagement_1		0.632
C_Pos_Climate_2	0.536	C_Pos_Climate_2	0.45	0.123
C_Neg_Climate_2	-0.479	C_Neg_Climate_2	-0.706	0.224
C_Sensitiv_2	0.499	C_Sensitiv_2	0.474	
C_Stu_Perspec_2	0.471	C_Stu_Perspec_2	0.327	0.183
C_Behav_Mng_2	0.468	C_Behav_Mng_2	0.784	-0.322
C_Productiv_2	0.43	C_Productiv_2	0.615	-0.18
C_Learn_Fmt_2	0.525	C_Learn_Fmt_2	0.488	
C_Content_Und_2	0.499	C_Content_Und_2	0.474	
C_Prob_Solve_2	0.481	C_Prob_Solve_2	0.403	0.108
C_Feedback_2	0.559	C_Feedback_2	0.487	0.108
C_Dialog_2	0.552	C_Dialog_2	0.443	0.149
C_Engagement_2	0.549	C_Engagement_2	0.534	
F_Environment	0.715	F_Environment	0.763	
F_Culture	0.682	F_Culture	0.632	
F_Class_Proc	0.675	F_Class_Proc	0.75	
F_Manage_Beh	0.68	F_Manage_Beh	0.847	-0.155
F_Communicating	0.649	F_Communicating	0.562	0.114
F_Questioning	0.62	F_Questioning	0.447	0.211
F_Engag_Learning	0.669	F_Engag_Learning	0.543	0.156
F_Assess_Instruct	0.62	F_Assess_Instruct	0.502	0.148

Loadings:

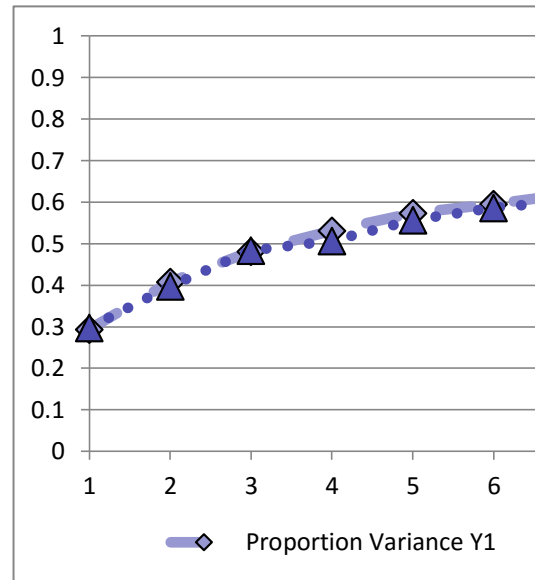
Loadings:

	MR1		MR1	MR2
P_Challenge_1	0.403	P_Challenge_1	0.323	0.108
P_Challenge_2	0.398	P_Challenge_2	0.251	0.198
P_Discourse_1	0.494	P_Discourse_1	0.397	0.13
P_Discourse_2	0.464	P_Discourse_2	0.248	0.29
P_Modeling_1	0.221	P_Modeling_1	0.138	0.109
P_Modeling_2	0.211	P_Modeling_2	0.135	
P_StrategyUse_1	0.285	P_StrategyUse_1	0.247	
P_StrategyUse_2	0.249	P_StrategyUse_2	0.167	0.11
P_TimeMgt_1	0.576	P_TimeMgt_1	0.536	
P_TimeMgt_2	0.567	P_TimeMgt_2	0.47	0.13
P_BehaviorMgt_1	0.747	P_BehaviorMgt_1	0.726	
P_BehaviorMgt_2	0.684	P_BehaviorMgt_2	0.644	
C_Pos_Climate_1	0.53	C_Pos_Climate_1	0.502	
C_Neg_Climate_1	-0.541	C_Neg_Climate_1	-0.549	
C_Sensitiv_1	0.5	C_Sensitiv_1	0.502	
C_Stu_Perspec_1	0.502	C_Stu_Perspec_1	0.484	
C_Behav_Mng_1	0.547	C_Behav_Mng_1	0.583	
C_Productiv_1	0.502	C_Productiv_1	0.546	
C_Learn_Fmt_1	0.563	C_Learn_Fmt_1	0.574	
C_Content_Und_1	0.545	C_Content_Und_1	0.578	
C_Prob_Solve_1	0.499	C_Prob_Solve_1	0.5	
C_Feedback_1	0.593	C_Feedback_1	0.604	
C_Dialog_1	0.592	C_Dialog_1	0.57	
C_Engagement_1	0.554	C_Engagement_1	0.549	
C_Pos_Climate_2	0.521	C_Pos_Climate_2		0.712
C_Neg_Climate_2	-0.524	C_Neg_Climate_2	-0.355	-0.228
C_Sensitiv_2	0.484	C_Sensitiv_2	-0.105	0.792
C_Stu_Perspec_2	0.465	C_Stu_Perspec_2	-0.101	0.763
C_Behav_Mng_2	0.518	C_Behav_Mng_2	0.279	0.319
C_Productiv_2	0.47	C_Productiv_2	0.176	0.391
C_Learn_Fmt_2	0.516	C_Learn_Fmt_2	-0.116	0.85
C_Content_Und_2	0.501	C_Content_Und_2	-0.146	0.871
C_Prob_Solve_2	0.481	C_Prob_Solve_2		0.751
C_Feedback_2	0.537	C_Feedback_2	-0.138	0.914
C_Dialog_2	0.514	C_Dialog_2	-0.154	0.902
C_Engagement_2	0.545	C_Engagement_2		0.697
F_Environment	0.722	F_Environment	0.863	-0.142
F_Culture	0.714	F_Culture	0.84	-0.12
F_Class_Proc	0.689	F_Class_Proc	0.803	-0.11
F_Manage_Beh	0.713	F_Manage_Beh	0.848	-0.135
F_Communicating	0.693	F_Communicating	0.786	
F_Questioning	0.654	F_Questioning	0.718	
F_Engag_Learning	0.692	F_Engag_Learning	0.788	

N Factors

Proportion Proportion Variance Y2

1	0.294	0.298
2	0.408	0.398
3	0.481	0.484
4	0.531	0.507
5	0.574	0.557
6	0.596	0.587
7	0.621	0.604
8	0.638	0.625
9	0.629	0.629
10	0.636	0.641
11	0.662	0.635
12	0.684	0.668



Loadings:

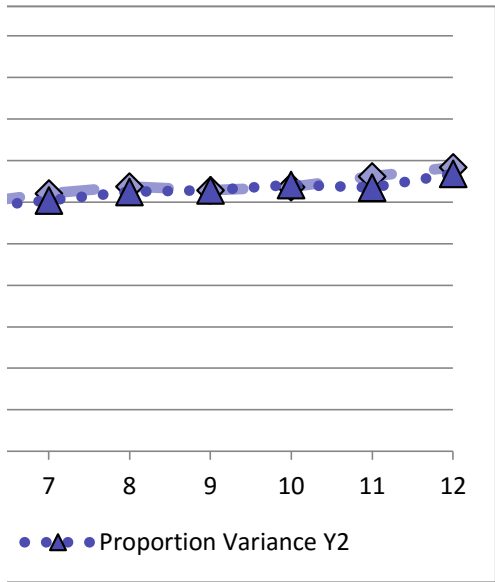
	MR3	MR1	MR2		MR3	MR1
P_Challenge_1	0.16	0.33		P_Challenge_1		0.289
P_Challenge_2	0.175	0.139	0.203	P_Challenge_2		
P_Discourse_1	0.152	0.376	0.126	P_Discourse_1		0.341
P_Discourse_2	0.117	0.146	0.286	P_Discourse_2		0.105
P_Modeling_1	0.21			P_Modeling_1		
P_Modeling_2	0.224			P_Modeling_2		-0.108
P_StrategyUse_1	0.268	0.14		P_StrategyUse_1		
P_StrategyUse_2	0.23			P_StrategyUse_2		
P_TimeMgt_1	0.603	0.152		P_TimeMgt_1	0.514	0.122
P_TimeMgt_2	0.642			P_TimeMgt_2	0.564	-0.104
P_BehaviorMgt_1	0.917			P_BehaviorMgt_1	0.883	
P_BehaviorMgt_2	0.902	-0.254		P_BehaviorMgt_2	0.877	-0.243
C_Pos_Climate_1		0.669		C_Pos_Climate_1		0.672
C_Neg_Climate_1	-0.618			C_Neg_Climate_1	-0.605	
C_Sensitiv_1		0.783		C_Sensitiv_1		0.79
C_Stu_Perspec_1	-0.199	0.845		C_Stu_Perspec_1	-0.158	0.843
C_Behav_Mng_1	0.702		-0.138	C_Behav_Mng_1	0.696	
C_Productiv_1	0.468	0.205	-0.112	C_Productiv_1	0.455	0.206
C_Learn_Fmt_1		0.782		C_Learn_Fmt_1		0.768
C_Content_Und_1		0.836		C_Content_Und_1		0.814
C_Prob_Solve_1	-0.126	0.801		C_Prob_Solve_1	-0.111	0.787
C_Feedback_1		0.924		C_Feedback_1		0.911
C_Dialog_1	-0.134	0.937		C_Dialog_1	-0.108	0.926
C_Engagement_1	0.13	0.615		C_Engagement_1	0.158	0.619
C_Pos_Climate_2			0.702	C_Pos_Climate_2		
C_Neg_Climate_2	-0.564	0.165	-0.134	C_Neg_Climate_2	-0.575	0.152
C_Sensitiv_2			0.784	C_Sensitiv_2		
C_Stu_Perspec_2	-0.178		0.837	C_Stu_Perspec_2	-0.151	
C_Behav_Mng_2	0.619	-0.244	0.143	C_Behav_Mng_2	0.63	-0.23
C_Productiv_2	0.41	-0.142	0.236	C_Productiv_2	0.418	-0.134
C_Learn_Fmt_2			0.805	C_Learn_Fmt_2		
C_Content_Und_2			0.82	C_Content_Und_2		
C_Prob_Solve_2			0.813	C_Prob_Solve_2		
C_Feedback_2			0.899	C_Feedback_2		
C_Dialog_2	-0.106		0.904	C_Dialog_2		
C_Engagement_2	0.145		0.601	C_Engagement_2	0.171	
F_Environment	0.807			F_Environment	0.814	
F_Culture	0.639			F_Culture	0.673	
F_Class_Proc	0.826			F_Class_Proc	0.804	
F_Manage_Beh	0.927	-0.109	-0.105	F_Manage_Beh	0.921	
F_Communicating	0.583	0.101		F_Communicating	0.606	0.126
F_Questioning	0.418	0.171	0.102	F_Questioning	0.454	0.197
F_Engag_Learning	0.534	0.124		F_Engag_Learning	0.575	0.157
F_Assess_Instruct	0.493	0.12		F_Assess_Instruct	0.507	0.138



Loadings:

Loadings:

	MR1	MR2	MR3		MR3	MR2
P_Challenge_1		0.105	0.311	P_Challenge_1	0.34	0.123
P_Challenge_2	0.116	0.204	0.146	P_Challenge_2	0.173	0.212
P_Discourse_1		0.121	0.414	P_Discourse_1	0.432	0.135
P_Discourse_2		0.291	0.22	P_Discourse_2	0.244	0.295
P_Modeling_1		0.109	0.138	P_Modeling_1	0.143	
P_Modeling_2		0.101		P_Modeling_2		
P_StrategyUse_1	0.106		0.162	P_StrategyUse_1	0.167	
P_StrategyUse_2		0.112	0.101	P_StrategyUse_2	0.101	
P_TimeMgt_1	0.386		0.166	P_TimeMgt_1	0.12	
P_TimeMgt_2	0.4	0.15		P_TimeMgt_2		
P_BehaviorMgt_1	0.643			P_BehaviorMgt_1		
P_BehaviorMgt_2	0.636			P_BehaviorMgt_2	-0.113	
C_Pos_Climate_1			0.644	C_Pos_Climate_1	0.621	
C_Neg_Climate_1	-0.405		-0.161	C_Neg_Climate_1	-0.127	
C_Sensitiv_1			0.793	C_Sensitiv_1	0.764	
C_Stu_Perspec_1	-0.106		0.797	C_Stu_Perspec_1	0.778	
C_Behav_Mng_1	0.461		0.12	C_Behav_Mng_1		-0.126
C_Productiv_1	0.316		0.274	C_Productiv_1	0.245	-0.111
C_Learn_Fmt_1			0.819	C_Learn_Fmt_1	0.782	
C_Content_Und_1			0.86	C_Content_Und_1	0.829	
C_Prob_Solve_1	-0.11		0.835	C_Prob_Solve_1	0.817	
C_Feedback_1			0.934	C_Feedback_1	0.89	
C_Dialog_1	-0.103		0.92	C_Dialog_1	0.887	
C_Engagement_1			0.64	C_Engagement_1	0.604	
C_Pos_Climate_2		0.711		C_Pos_Climate_2		0.654
C_Neg_Climate_2	-0.352	-0.24		C_Neg_Climate_2		-0.141
C_Sensitiv_2		0.797		C_Sensitiv_2		0.743
C_Stu_Perspec_2	-0.102	0.763		C_Stu_Perspec_2		0.763
C_Behav_Mng_2	0.358	0.334	-0.117	C_Behav_Mng_2	-0.193	0.213
C_Productiv_2	0.196	0.395		C_Productiv_2		0.31
C_Learn_Fmt_2		0.86		C_Learn_Fmt_2		0.799
C_Content_Und_2	-0.1	0.88		C_Content_Und_2		0.823
C_Prob_Solve_2		0.756		C_Prob_Solve_2		0.741
C_Feedback_2	-0.122	0.92		C_Feedback_2		0.887
C_Dialog_2	-0.127	0.909		C_Dialog_2		0.891
C_Engagement_2		0.698		C_Engagement_2		0.634
F_Environment	0.978	-0.127	-0.102	F_Environment		
F_Culture	0.877	-0.104		F_Culture		
F_Class_Proc	0.935		-0.13	F_Class_Proc		
F_Manage_Beh	0.976	-0.116	-0.127	F_Manage_Beh	-0.12	-0.115
F_Communicating	0.834			F_Communicating		
F_Questioning	0.759			F_Questioning		
F_Engag_Learning	0.821			F_Engag_Learning		



Loadings:

MR2	MR4		MR2	MR3	MR1	MR4	MR5
	0.298	P_Challenge_1	0.245			0.137	0.336
0.186	0.385	P_Challenge_2		0.168		0.114	0.421
0.116	0.256	P_Discourse_1	0.289	0.1		0.178	0.295
0.274	0.294	P_Discourse_2		0.252		0.136	0.331
	0.71	P_Modeling_1					0.728
	0.716	P_Modeling_2	-0.115				0.731
	0.827	P_StrategyUse_1					0.84
	0.845	P_StrategyUse_2					0.857
-0.103	0.253	P_TimeMgt_1	0.168		0.543		0.242
	0.204	P_TimeMgt_2			0.67	-0.118	0.178
		P_BehaviorMgt_1			0.944		
		P_BehaviorMgt_2	-0.149		0.99		
		C_Pos_Climate_1	0.685				
		C_Neg_Climate_1	-0.147		-0.574		
	-0.104	C_Sensitiv_1	0.8				-0.12
		C_Stu_Perspec_1	0.825		-0.152		
-0.134		C_Behav_Mng_1	0.128	-0.101	0.722		
-0.111		C_Productiv_1	0.266		0.448		
		C_Learn_Fmt_1	0.795		0.103		
		C_Content_Und_1	0.824				
		C_Prob_Solve_1	0.776				
		C_Feedback_1	0.897				
		C_Dialog_1	0.904		-0.121		
		C_Engagement_1	0.642		0.163		
0.7		C_Pos_Climate_2		0.689			
-0.14		C_Neg_Climate_2		-0.17	-0.563		
0.78		C_Sensitiv_2		0.77			
0.829		C_Stu_Perspec_2		0.802	-0.143		
0.151		C_Behav_Mng_2	-0.137	0.191	0.689		
0.241		C_Productiv_2		0.27	0.448		
0.795		C_Learn_Fmt_2		0.788			
0.808		C_Content_Und_2		0.797			
0.803		C_Prob_Solve_2		0.782			
0.887		C_Feedback_2		0.868			
0.893		C_Dialog_2		0.87			
0.601		C_Engagement_2		0.604	0.177		
		F_Environment			0.369	0.585	
	-0.108	F_Culture				0.915	
		F_Class_Proc			0.42	0.471	
		F_Manage_Beh			0.596	0.404	
		F_Communicating				0.774	
0.11	-0.102	F_Questioning			-0.135	0.856	
	-0.123	F_Engag_Learning				0.953	
		F_Assess_Instruct				0.84	

Loadings:

MR4	MR1		MR3	MR2	MR1	MR4	MR5
		P_Challenge_1	0.226			0.127	0.363
		P_Challenge_2		0.158		0.148	0.369
		P_Discourse_1	0.331			0.122	0.318
		P_Discourse_2	0.155	0.253		0.119	0.282
0.183	-0.122	P_Modeling_1					0.713
0.313	-0.176	P_Modeling_2			0.135	-0.13	0.69
0.229		P_StrategyUse_1					0.785
0.246	-0.11	P_StrategyUse_2					0.78
0.62		P_TimeMgt_1			0.553		0.226
0.701		P_TimeMgt_2			0.636		0.181
0.936		P_BehaviorMgt_1			0.936		
0.951		P_BehaviorMgt_2			0.942		
		C_Pos_Climate_1	0.651				-0.144
-0.495		C_Neg_Climate_1	-0.162		-0.51		
		C_Sensitiv_1	0.795				-0.141
-0.148		C_Stu_Perspec_1	0.782		-0.115		
0.648		C_Behav_Mng_1	0.107		0.653		
0.432		C_Productiv_1	0.254		0.421		
		C_Learn_Fmt_1	0.77				
		C_Content_Und_1	0.806				
-0.149		C_Prob_Solve_1	0.794		-0.146		
		C_Feedback_1	0.892				
		C_Dialog_1	0.879				
0.166		C_Engagement_1	0.629		0.202		
0.102		C_Pos_Climate_2		0.667	0.135		-0.108
-0.573		C_Neg_Climate_2		-0.159	-0.571		
		C_Sensitiv_2		0.752			
-0.18		C_Stu_Perspec_2		0.761	-0.159		
0.665		C_Behav_Mng_2	-0.135	0.229	0.654		
0.445		C_Productiv_2		0.313	0.421		
		C_Learn_Fmt_2		0.797			
		C_Content_Und_2		0.818			
-0.101		C_Prob_Solve_2		0.733	-0.101		
		C_Feedback_2		0.884			
-0.136		C_Dialog_2		0.884	-0.139		
0.164		C_Engagement_2		0.634	0.165		
0.318	0.71	F_Environment			0.332	0.694	
	0.847	F_Culture				0.864	
0.361	0.62	F_Class_Proc	-0.101		0.346	0.61	
0.495	0.584	F_Manage_Beh		-0.104	0.498	0.557	
	0.801	F_Communicating				0.819	
-0.109	0.832	F_Questioning				0.859	
	0.877	F_Engag_Learning				0.903	

0.828

F\_Assess\_Instruct

0.853

Loadings:

	MR2	MR1	MR3	MR4	MR5	MR6
P_Challenge_1	0.145					0.691
P_Challenge_2						0.666
P_Discourse_1	0.194					0.657
P_Discourse_2			0.133			0.688
P_Modeling_1					0.746	
P_Modeling_2					0.717	
P_StrategyUse_1					0.849	
P_StrategyUse_2					0.849	
P_TimeMgt_1	0.149	0.57	-0.113		0.13	0.189
P_TimeMgt_2		0.749		-0.158		0.26
P_BehaviorMgt_1		0.956				
P_BehaviorMgt_2	-0.169	1.049		-0.11	-0.112	0.104
C_Pos_Climate_1	0.692					
C_Neg_Climate_1	-0.172	-0.527				0.123
C_Sensitiv_1	0.798					
C_Stu_Perspec_1	0.805	-0.161				
C_Behav_Mng_1	0.152	0.682				-0.136
C_Productiv_1	0.283	0.411				
C_Learn_Fmt_1	0.792					
C_Content_Und_1	0.819					
C_Prob_Solve_1	0.748					0.104
C_Feedback_1	0.869					
C_Dialog_1	0.873	-0.115				
C_Engagement_1	0.638	0.14				
C_Pos_Climate_2			0.697			
C_Neg_Climate_2		-0.553	-0.178			
C_Sensitiv_2			0.772			
C_Stu_Perspec_2		-0.158	0.794			
C_Behav_Mng_2	-0.135	0.703	0.182			
C_Productiv_2		0.473	0.248			
C_Learn_Fmt_2			0.79			
C_Content_Und_2			0.797			
C_Prob_Solve_2			0.764			
C_Feedback_2			0.855			
C_Dialog_2			0.843			
C_Engagement_2		0.173	0.595			
F_Environment		0.33		0.598		
F_Culture				0.911		
F_Class_Proc		0.379		0.49		
F_Manage_Beh		0.555		0.428		
F_Communicating				0.765		
F_Questioning		-0.129		0.822		0.139
F_Engag_Learning				0.926		
F_Assess_Instruct				0.823		

Loadings:

	MR2	MR3	MR4	MR1	MR5	MR6
P_Challenge_1						0.777
P_Challenge_2		-0.106				0.723
P_Discourse_1		0.166				0.724
P_Discourse_2	0.151					0.666
P_Modeling_1					0.711	
P_Modeling_2					0.716	
P_StrategyUse_1					0.783	
P_StrategyUse_2					0.832	
P_TimeMgt_1			0.602			0.234
P_TimeMgt_2			0.716			0.223
P_BehaviorMgt_1			0.961			
P_BehaviorMgt_2			0.982			
C_Pos_Climate_1		0.653				
C_Neg_Climate_1		-0.168	-0.488			
C_Sensitiv_1		0.799				
C_Stu_Perspec_1		0.758	-0.123			
C_Behav_Mng_1		0.108	0.639			
C_Productiv_1		0.237	0.424			
C_Learn_Fmt_1		0.773				
C_Content_Und_1		0.808				
C_Prob_Solve_1		0.77	-0.155			
C_Feedback_1		0.873				
C_Dialog_1		0.841				0.103
C_Engagement_1		0.622	0.179			
C_Pos_Climate_2	0.664			0.116		
C_Neg_Climate_2	-0.165		-0.56			
C_Sensitiv_2	0.754					
C_Stu_Perspec_2	0.744			-0.163		
C_Behav_Mng_2	0.23	-0.119	0.65			
C_Productiv_2	0.319		0.407			
C_Learn_Fmt_2	0.804					
C_Content_Und_2	0.817					
C_Prob_Solve_2	0.706					0.113
C_Feedback_2	0.871		-0.102			
C_Dialog_2	0.862		-0.134			
C_Engagement_2	0.635		0.143			
F_Environment			0.293	0.709		
F_Culture				0.855		
F_Class_Proc			0.318	0.619		
F_Manage_Beh			0.463	0.576		-0.112
F_Communicating				0.821		
F_Questioning			-0.101	0.831		0.109
F_Engag_Learning			-0.106	0.888		





Loadings:

	MR2	MR3	MR4	MR1	MR5	MR6	MR7
P_Challenge_1	0.162						0.692
P_Challenge_2					0.105		0.664
P_Discourse_1	0.21						0.657
P_Discourse_2		0.146					0.682
P_Modeling_1					0.754		
P_Modeling_2					0.744		
P_StrategyUse_1					0.842		
P_StrategyUse_2				-0.109	0.861		
P_TimeMgt_1				0.692		-0.143	0.184
P_TimeMgt_2	-0.105		-0.157	0.703			0.26
P_BehaviorMgt_1				1.041			
P_BehaviorMgt_2	-0.198		-0.106	0.933	-0.125	0.203	
C_Pos_Climate_1	0.687						
C_Neg_Climate_1	-0.135			-0.533			0.14
C_Sensitiv_1	0.794						
C_Stu_Perspec_1	0.814			-0.15			
C_Behav_Mng_1				0.722			-0.159
C_Productiv_1	0.238			0.47			-0.105
C_Learn_Fmt_1	0.788						
C_Content_Und_1	0.823						
C_Prob_Solve_1	0.757						0.111
C_Feedback_1	0.888			-0.106			
C_Dialog_1	0.894			-0.148			0.107
C_Engagement_1	0.624			0.16			
C_Pos_Climate_2		0.665					
C_Neg_Climate_2						-0.687	
C_Sensitiv_2		0.731				0.115	
C_Stu_Perspec_2		0.844				-0.164	
C_Behav_Mng_2				0.107		0.901	
C_Productiv_2						0.737	
C_Learn_Fmt_2		0.759					
C_Content_Und_2		0.809					
C_Prob_Solve_2		0.801				-0.106	
C_Feedback_2		0.863					
C_Dialog_2		0.866					
C_Engagement_2		0.5				0.304	
F_Environment			0.626	0.239			
F_Culture			0.934				
F_Class_Proc			0.514	0.311			
F_Manage_Beh			0.452	0.434		0.145	
F_Communicating			0.787				
F_Questioning			0.833	-0.105			0.139
F_Engag_Learning			0.943				
F_Assess_Instruct			0.837				

Loadings:

	MR3	MR2	MR1	MR4	MR6	MR5	MR7
P_Challenge_1					0.782		
P_Challenge_2		-0.118			0.74		
P_Discourse_1		0.187			0.728		
P_Discourse_2	0.165				0.684		
P_Modeling_1						0.727	
P_Modeling_2						0.728	
P_StrategyUse_1						0.782	
P_StrategyUse_2						0.829	
P_TimeMgt_1				0.45	0.25		0.202
P_TimeMgt_2				0.713	0.232		
P_BehaviorMgt_1				0.744			0.295
P_BehaviorMgt_2	-0.113			0.888			0.106
C_Pos_Climate_1		0.564					0.271
C_Neg_Climate_1							-0.666
C_Sensitiv_1		0.744					0.136
C_Stu_Perspec_1		0.777					
C_Behav_Mng_1		-0.125		0.132			0.855
C_Productiv_1							0.687
C_Learn_Fmt_1		0.74					
C_Content_Und_1		0.799					
C_Prob_Solve_1		0.825					-0.208
C_Feedback_1		0.896					
C_Dialog_1		0.884					-0.137
C_Engagement_1		0.544					0.271
C_Pos_Climate_2	0.655			0.116			
C_Neg_Climate_2	-0.128			-0.574			
C_Sensitiv_2	0.752						
C_Stu_Perspec_2	0.763			-0.199			
C_Behav_Mng_2	0.165			0.761	-0.104		-0.118
C_Productiv_2	0.251			0.586			-0.215
C_Learn_Fmt_2	0.8						
C_Content_Und_2	0.796						
C_Prob_Solve_2	0.706				0.122		
C_Feedback_2	0.86						
C_Dialog_2	0.85						
C_Engagement_2	0.614			0.189			
F_Environment			0.738	0.225			
F_Culture			0.87				
F_Class_Proc			0.643	0.243			
F_Manage_Beh			0.609	0.382	-0.114		
F_Communicating			0.834				
F_Questioning			0.842		0.109		
F_Engag_Learning			0.892	-0.121			



Loadings:

	MR2	MR3	MR4	MR1	MR5	MR6	MR7	MR8
P_Challenge_1	0.119						0.726	
P_Challenge_2							0.715	
P_Discourse_1	0.174						0.685	
P_Discourse_2	-0.11	0.137					0.755	
P_Modeling_1					0.744			
P_Modeling_2					0.727			
P_StrategyUse_1					0.839			
P_StrategyUse_2				-0.128	0.848			
P_TimeMgt_1	0.165			0.679	0.105	-0.159		
P_TimeMgt_2			-0.116	0.77			0.135	-0.13
P_BehaviorMgt_1				0.916				0.135
P_BehaviorMgt_2	-0.104			0.867	-0.112	0.189		
C_Pos_Climate_1	0.642							0.132
C_Neg_Climate_1								-0.638
C_Sensitiv_1	0.75							0.111
C_Stu_Perspec_1	0.827							-0.116
C_Behav_Mng_1	-0.117							0.955
C_Productiv_1								0.768
C_Learn_Fmt_1	0.774							
C_Content_Und_1	0.844							
C_Prob_Solve_1	0.775							-0.106
C_Feedback_1	0.887							
C_Dialog_1	0.907							-0.111
C_Engagement_1	0.561							0.238
C_Pos_Climate_2		0.664						
C_Neg_Climate_2						-0.718		
C_Sensitiv_2		0.732				0.111		
C_Stu_Perspec_2		0.843				-0.167		
C_Behav_Mng_2						0.955		
C_Productiv_2						0.748		
C_Learn_Fmt_2		0.761						
C_Content_Und_2		0.809						
C_Prob_Solve_2		0.801				-0.108		
C_Feedback_2		0.866						
C_Dialog_2		0.865					0.113	
C_Engagement_2		0.504				0.301		
F_Environment			0.639	0.196				
F_Culture			0.952					
F_Class_Proc			0.519	0.22				0.105
F_Manage_Beh			0.469	0.357		0.142	-0.119	
F_Communicating			0.793					
F_Questioning			0.836				0.138	
F_Engag_Learning			0.968					
F_Assess_Instruct			0.848					

Loadings:

	MR2	MR3	MR4	MR1	MR6	MR5	MR7	MR8
P_Challenge_1					0.828			
P_Challenge_2	-0.139				0.79			
P_Discourse_1	0.186				0.711			
P_Discourse_2		0.165			0.661			
P_Modeling_1						0.722		
P_Modeling_2				0.109		0.721		
P_StrategyUse_1						0.781		
P_StrategyUse_2						0.829		
P_TimeMgt_1				0.607	0.139			-0.139
P_TimeMgt_2				0.747	0.123		-0.123	
P_BehaviorMgt_1				0.772			0.21	
P_BehaviorMgt_2				0.877				0.112
C_Pos_Climate_1	0.562						0.281	
C_Neg_Climate_1							-0.722	
C_Sensitiv_1	0.742						0.147	
C_Stu_Perspec_1	0.778						-0.102	
C_Behav_Mng_1	-0.143						0.924	
C_Productiv_1							0.707	
C_Learn_Fmt_1	0.743							
C_Content_Und_1	0.803							
C_Prob_Solve_1	0.826						-0.211	
C_Feedback_1	0.908						-0.104	
C_Dialog_1	0.888						-0.143	
C_Engagement_1	0.549						0.261	
C_Pos_Climate_2		0.647						
C_Neg_Climate_2				-0.147			-0.104	-0.521
C_Sensitiv_2		0.725						
C_Stu_Perspec_2		0.781						-0.129
C_Behav_Mng_2				0.105				0.861
C_Productiv_2								0.79
C_Learn_Fmt_2		0.784						
C_Content_Und_2		0.802						
C_Prob_Solve_2		0.746						-0.115
C_Feedback_2		0.871						
C_Dialog_2		0.896						
C_Engagement_2		0.557						0.241
F_Environment			0.743	0.236	-0.125			
F_Culture			0.883					
F_Class_Proc			0.652	0.191				
F_Manage_Beh			0.614	0.337	-0.141			
F_Communicating			0.847					
F_Questioning			0.846		0.1			
F_Engag_Learning			0.917	-0.212				



Loadings:

	MR2	MR3	MR4	MR5	MR1	MR8	MR6
P_Challenge_1	0.113					0.758	
P_Challenge_2				0.108		0.721	
P_Discourse_1	0.169					0.707	
P_Discourse_2	-0.111	0.112				0.759	
P_Modeling_1				0.727			
P_Modeling_2				0.745			
P_StrategyUse_1				0.801			
P_StrategyUse_2				0.847			
P_TimeMgt_1	0.161				0.493	0.104	-0.17
P_TimeMgt_2					0.715	0.137	
P_BehaviorMgt_1					0.865		
P_BehaviorMgt_2					0.919		0.203
C_Pos_Climate_1	0.654						
C_Neg_Climate_1					-0.12		
C_Sensitiv_1	0.761						
C_Stu_Perspec_1	0.83						
C_Behav_Mng_1	-0.114						
C_Productiv_1					-0.121		
C_Learn_Fmt_1	0.775						
C_Content_Und_1	0.843						
C_Prob_Solve_1	0.772						
C_Feedback_1	0.882						
C_Dialog_1	0.901						
C_Engagement_1	0.564						
C_Pos_Climate_2		0.645					
C_Neg_Climate_2							-0.708
C_Sensitiv_2		0.722					0.112
C_Stu_Perspec_2		0.842					-0.162
C_Behav_Mng_2							0.931
C_Productiv_2						0.107	0.723
C_Learn_Fmt_2		0.782					
C_Content_Und_2		0.834					
C_Prob_Solve_2		0.815					-0.108
C_Feedback_2		0.864					
C_Dialog_2		0.876				0.114	
C_Engagement_2		0.517					0.29
F_Environment			0.524				
F_Culture			0.866				
F_Class_Proc			0.345				
F_Manage_Beh			0.345		0.179	-0.112	0.128
F_Communicating			0.724				
F_Questioning			0.798			0.134	
F_Engag_Learning			0.907				
F_Assess_Instruct			0.807				

Loadings:

	MR2	MR3	MR4	MR5	MR1	MR8	MR6
P_Challenge_1	0.113					0.758	
P_Challenge_2				0.108		0.721	
P_Discourse_1	0.169					0.707	
P_Discourse_2	-0.111	0.112				0.759	
P_Modeling_1				0.727			
P_Modeling_2				0.745			
P_StrategyUse_1				0.801			
P_StrategyUse_2				0.847			
P_TimeMgt_1	0.161				0.493	0.104	-0.17
P_TimeMgt_2					0.715	0.137	
P_BehaviorMgt_1					0.865		
P_BehaviorMgt_2					0.919		0.203
C_Pos_Climate_1	0.654						
C_Neg_Climate_1					-0.12		
C_Sensitiv_1	0.761						
C_Stu_Perspec_1	0.83						
C_Behav_Mng_1	-0.114						
C_Productiv_1					-0.121		
C_Learn_Fmt_1	0.775						
C_Content_Und_1	0.843						
C_Prob_Solve_1	0.772						
C_Feedback_1	0.882						
C_Dialog_1	0.901						
C_Engagement_1	0.564						
C_Pos_Climate_2		0.645					
C_Neg_Climate_2							-0.708
C_Sensitiv_2		0.722					0.112
C_Stu_Perspec_2		0.842					-0.162
C_Behav_Mng_2							0.931
C_Productiv_2						0.107	0.723
C_Learn_Fmt_2		0.782					
C_Content_Und_2		0.834					
C_Prob_Solve_2		0.815					-0.108
C_Feedback_2		0.864					
C_Dialog_2		0.876				0.114	
C_Engagement_2		0.517					0.29
F_Environment			0.524				
F_Culture			0.866				
F_Class_Proc			0.345				
F_Manage_Beh			0.345		0.179	-0.112	0.128
F_Communicating			0.724				
F_Questioning			0.798			0.134	
F_Engag_Learning			0.907				





Loadings:

MR7	MR9		MR2	MR3	MR5	MR7	MR6
	0.14	P_Challenge_1					0.736
		P_Challenge_2					0.723
		P_Discourse_1	0.156				0.689
	-0.191	P_Discourse_2					0.764
		P_Modeling_1					
		P_Modeling_2					
		P_StrategyUse_1					
		P_StrategyUse_2					
	0.299	P_TimeMgt_1	0.13			-0.177	
-0.114		P_TimeMgt_2					0.119
0.133		P_BehaviorMgt_1					
	-0.113	P_BehaviorMgt_2				0.217	
0.13	-0.199	C_Pos_Climate_1	0.669				
-0.614		C_Neg_Climate_1					
0.111	-0.177	C_Sensitiv_1	0.763				
-0.111		C_Stu_Perspec_1	0.837				
0.93		C_Behav_Mng_1					
0.737	0.179	C_Productiv_1					
		C_Learn_Fmt_1	0.758				
	0.127	C_Content_Und_1	0.822				
-0.101		C_Prob_Solve_1	0.768				
		C_Feedback_1	0.879				
-0.11		C_Dialog_1	0.897				
0.228		C_Engagement_1	0.548				
	-0.126	C_Pos_Climate_2		0.653		0.113	
		C_Neg_Climate_2				-0.739	
		C_Sensitiv_2		0.731		0.124	
		C_Stu_Perspec_2		0.848		-0.173	
		C_Behav_Mng_2				0.901	
	0.119	C_Productiv_2				0.776	
		C_Learn_Fmt_2		0.767			
	0.101	C_Content_Und_2		0.819			
		C_Prob_Solve_2		0.812		-0.123	
		C_Feedback_2		0.861			
		C_Dialog_2		0.868			0.107
		C_Engagement_2		0.512		0.337	
	0.358	F_Environment			0.603	0.119	
	0.122	F_Culture			0.903		
	0.592	F_Class_Proc			0.452		
	0.457	F_Manage_Beh			0.439	0.192	-0.119
	0.121	F_Communicating			0.785		
		F_Questioning			0.837	-0.103	0.129
		F_Engag_Learning			0.932		
		F_Assess_Instruct			0.849		

Loadings:

MR7	MR9		MR2	MR4	MR3	MR6	MR7
	0.14	P_Challenge_1				0.819	
		P_Challenge_2	-0.125			0.826	
		P_Discourse_1	0.187			0.676	
	-0.191	P_Discourse_2		0.161		0.692	
		P_Modeling_1					
		P_Modeling_2					
		P_StrategyUse_1					
		P_StrategyUse_2					
	0.299	P_TimeMgt_1					0.155
-0.114		P_TimeMgt_2					
0.133		P_BehaviorMgt_1					0.26
	-0.113	P_BehaviorMgt_2					
0.13	-0.199	C_Pos_Climate_1	0.549				0.309
-0.614		C_Neg_Climate_1					-0.74
0.111	-0.177	C_Sensitiv_1	0.745				0.152
-0.111		C_Stu_Perspec_1	0.774				
0.93		C_Behav_Mng_1	-0.144				0.937
0.737	0.179	C_Productiv_1					0.696
		C_Learn_Fmt_1	0.75				
	0.127	C_Content_Und_1	0.814				
-0.101		C_Prob_Solve_1	0.834				-0.223
		C_Feedback_1	0.91				
-0.11		C_Dialog_1	0.89				-0.145
0.228		C_Engagement_1	0.553				0.26
	-0.126	C_Pos_Climate_2		0.642			
		C_Neg_Climate_2					-0.124
		C_Sensitiv_2		0.725			
		C_Stu_Perspec_2		0.778			
		C_Behav_Mng_2					
	0.119	C_Productiv_2					
		C_Learn_Fmt_2		0.776			
	0.101	C_Content_Und_2		0.803			
		C_Prob_Solve_2		0.754			
		C_Feedback_2		0.884			
		C_Dialog_2		0.902			
		C_Engagement_2		0.556			
	0.358	F_Environment			0.564		
	0.122	F_Culture			0.846		
	0.592	F_Class_Proc			0.462		
	0.457	F_Manage_Beh			0.338		
	0.121	F_Communicating			0.781		
		F_Questioning			0.899		
		F_Engag_Learning			0.916		



Loadings:

MR8	MR1	MR4	MR9	MR10		MR4	MR5
				0.223	P_Challenge_1		
					P_Challenge_2		
				0.113	P_Discourse_1	0.164	
				-0.195	P_Discourse_2		0.11
		0.795		0.14	P_Modeling_1		
		0.82		-0.125	P_Modeling_2		
		0.432	0.631	0.167	P_StrategyUse_1		
		0.461	0.671		P_StrategyUse_2		
	0.469			0.447	P_TimeMgt_1	0.101	
-0.132	0.715			0.112	P_TimeMgt_2		
0.177	0.762			0.158	P_BehaviorMgt_1		
	0.833				P_BehaviorMgt_2		
0.148				-0.248	C_Pos_Climate_1	0.702	
-0.662					C_Neg_Climate_1		
0.125				-0.18	C_Sensitiv_1	0.784	
-0.126					C_Stu_Perspec_1	0.849	
0.879	0.105				C_Behav_Mng_1	-0.112	
0.819	-0.13			0.203	C_Productiv_1		
					C_Learn_Fmt_1	0.766	
				0.135	C_Content_Und_1	0.823	
-0.114					C_Prob_Solve_1	0.756	
					C_Feedback_1	0.872	
-0.128					C_Dialog_1	0.891	
0.275					C_Engagement_1	0.568	
					C_Pos_Climate_2		0.655
				0.113	C_Neg_Climate_2		
					C_Sensitiv_2		0.733
					C_Stu_Perspec_2		0.838
					C_Behav_Mng_2		
					C_Productiv_2		
					C_Learn_Fmt_2		0.787
					C_Content_Und_2		0.833
					C_Prob_Solve_2		0.81
					C_Feedback_2		0.866
					C_Dialog_2		0.87
					C_Engagement_2		0.521
				0.164	F_Environment		
					F_Culture		
0.15				0.383	F_Class_Proc		
0.109	0.192			0.233	F_Manage_Beh		
					F_Communicating		
					F_Questioning		
					F_Engag_Learning		
					F_Assess_Instruct		

Loadings:

MR5	MR8	MR1	MR9	MR10		MR4	MR2
		-0.108			P_Challenge_1		
				-0.134	P_Challenge_2		-0.11
				0.154	P_Discourse_1		0.155
					P_Discourse_2	0.141	
0.658				0.193	P_Modeling_1		
0.71					P_Modeling_2		
0.772					P_StrategyUse_1		
0.88				-0.187	P_StrategyUse_2		
				0.753	P_TimeMgt_1		
		0.562		0.274	P_TimeMgt_2		
		0.575		0.172	P_BehaviorMgt_1		
		1.032			P_BehaviorMgt_2		
			-0.127	-0.148	C_Pos_Climate_1		0.459
					C_Neg_Climate_1		
				-0.118	C_Sensitiv_1		0.687
				-0.103	C_Stu_Perspec_1		0.689
					C_Behav_Mng_1		
				0.241	C_Productiv_1		
				0.101	C_Learn_Fmt_1		0.722
		-0.112		0.151	C_Content_Und_1		0.803
					C_Prob_Solve_1		0.795
					C_Feedback_1		0.873
					C_Dialog_1		0.847
					C_Engagement_1		0.508
					C_Pos_Climate_2	0.55	
					C_Neg_Climate_2		
	-0.532	-0.102			C_Sensitiv_2	0.676	
	0.103				C_Stu_Perspec_2	0.71	
	-0.128				C_Behav_Mng_2		
	0.902				C_Productiv_2		
	0.849	-0.11			C_Learn_Fmt_2	0.748	
					C_Content_Und_2	0.816	
	-0.144				C_Prob_Solve_2	0.766	
					C_Feedback_2	0.896	
	-0.109				C_Dialog_2	0.897	
	0.238				C_Engagement_2	0.497	
			0.428		F_Environment		
					F_Culture		
			0.463	0.104	F_Class_Proc		
			0.734		F_Manage_Beh		
			0.106		F_Communicating		
			-0.116		F_Questioning		
		-0.138			F_Engag_Learning		









0.916

-0.161

Loadings:

	MR3	MR4	MR5	MR7	MR1	MR6	MR8	MR2
P_Challenge_1				0.808				
P_Challenge_2	-0.108			0.78				
P_Discourse_1	0.147			0.713				
P_Discourse_2		0.119		0.792				
P_Modeling_1								
P_Modeling_2								
P_StrategyUse_1								0.929
P_StrategyUse_2								0.863
P_TimeMgt_1	0.122				0.5	-0.111		
P_TimeMgt_2					0.723			
P_BehaviorMgt_1					0.824		0.12	
P_BehaviorMgt_2					0.906	0.189		
C_Pos_Climate_1	0.606							
C_Neg_Climate_1					-0.101		-0.573	
C_Sensitiv_1	0.725							
C_Stu_Perspec_1	0.806							-0.159
C_Behav_Mng_1							0.936	
C_Productiv_1					-0.12		0.865	
C_Learn_Fmt_1	0.767							
C_Content_Und_1	0.841							
C_Prob_Solve_1	0.78							
C_Feedback_1	0.908							
C_Dialog_1	0.92							
C_Engagement_1	0.536							0.23
C_Pos_Climate_2		0.62						
C_Neg_Climate_2							-0.708	
C_Sensitiv_2		0.708					0.123	
C_Stu_Perspec_2		0.825					-0.163	
C_Behav_Mng_2							0.924	
C_Productiv_2							0.733	
C_Learn_Fmt_2		0.788						
C_Content_Und_2		0.86						
C_Prob_Solve_2		0.828					-0.108	
C_Feedback_2		0.872						
C_Dialog_2		0.873						
C_Engagement_2		0.5						0.295
F_Environment			0.386					
F_Culture			0.828					
F_Class_Proc			0.223					
F_Manage_Beh			0.13		0.113			
F_Communicating			0.719					
F_Questioning			0.891					
F_Engag_Learning			0.9					
F_Assess_Instruct			0.886					

Loadings:

	MR2	MR4	MR3	MR5	MR6	MR7	MR9	MR10
P_Challenge_1					0.856			
P_Challenge_2	-0.114				0.795			
P_Discourse_1	0.161				0.736			
P_Discourse_2		0.134			0.703			
P_Modeling_1				0.71				
P_Modeling_2				0.771				0.103
P_StrategyUse_1				0.812				
P_StrategyUse_2				0.906				
P_TimeMgt_1						0.145		0.396
P_TimeMgt_2							0.132	0.717
P_BehaviorMgt_1						0.142		0.42
P_BehaviorMgt_2							0.129	0.638
C_Pos_Climate_1	0.525					0.214		
C_Neg_Climate_1						-0.651		
C_Sensitiv_1	0.744					0.123		
C_Stu_Perspec_1	0.757					-0.127		
C_Behav_Mng_1	-0.116					0.924		
C_Productiv_1						0.766		
C_Learn_Fmt_1	0.757							
C_Content_Und_1	0.832							
C_Prob_Solve_1	0.843					-0.18		
C_Feedback_1	0.913							
C_Dialog_1	0.891					-0.12		
C_Engagement_1	0.542					0.224		
C_Pos_Climate_2		0.595						
C_Neg_Climate_2							-0.515	
C_Sensitiv_2		0.721						
C_Stu_Perspec_2		0.755						-0.148
C_Behav_Mng_2							0.885	
C_Productiv_2							0.852	
C_Learn_Fmt_2		0.765						
C_Content_Und_2		0.815						
C_Prob_Solve_2		0.776						-0.105
C_Feedback_2		0.907						
C_Dialog_2		0.917						
C_Engagement_2		0.529					0.251	
F_Environment			0.548					
F_Culture			0.835					
F_Class_Proc			0.454					
F_Manage_Beh			0.336					
F_Communicating			0.769					
F_Questioning			0.887					
F_Engag_Learning			0.907					



MR9	MR11	MR10	MR12
		0.144	
		-0.223	
0.751		0.726	
0.936		0.184	
0.106		0.226	
		-0.234	
		0.212	-0.215
			-0.119
	0.106		
		-0.112	
			0.456
			-0.236
			0.31
			0.239
			-0.172
			0.142
			0.199
	-0.107	0.124	
			-0.13
	0.111	-0.104	
	0.526		
	0.142		
	0.648		-0.123
	0.789		
	-0.154		
	-0.119		

MR8	MR1	MR12	MR11
-0.143			-0.102
0.151			0.14
		-0.132	0.256
		-0.265	0.113
0.104		0.546	
		0.385	-0.218
0.218			0.573
		-0.142	0.22
0.748			0.176
0.501			
	-0.103	-0.207	-0.134
			-0.106
		-0.154	
-0.105			0.201
			0.11
		0.166	0.14
0.194			
0.117			
-0.132			
-0.119			
-0.108			
0.1	0.487		
-0.101	0.504		
	0.73		
	0.127		
	-0.125		

-0.143