

Factor Analysis

[DataSet1]

Covariance Matrix

	Delta_ConfidenceRecovery	Delta_LikelyRelapse30Days	Delta_LikelyRelapse1yr	Delta_RecoveryImportance
Delta_ConfidenceRecovery	.322	-.149	-.082	-.029
Delta_LikelyRelapse30Days	-.149	.251	.123	.044
Delta_LikelyRelapse1yr	-.082	.123	.316	-.038
Delta_RecoveryImportance	-.029	.044	-.038	.316
Delta_Craving	.114	.023	.132	-.243
Delta_FutSim	-.202	-.003	-.190	-.199
Delta_FutConn	.020	-.058	-.079	-.088
Delta_AUC	-.016	.004	.017	-.032
DD_IChoRat	.022	-.001	-.005	-.068

Covariance Matrix

	Delta_Craving	Delta_FutSim	Delta_FutConn	Delta_AUC	DD_IChoRat
Delta_ConfidenceRecovery	.114	-.202	.020	-.016	.022
Delta_LikelyRelapse30Days	.023	-.003	-.058	.004	-.001
Delta_LikelyRelapse1yr	.132	-.190	-.079	.017	-.005
Delta_RecoveryImportance	-.243	-.199	-.088	-.032	-.068
Delta_Craving	.930	.398	.009	.038	-.003
Delta_FutSim	.398	4.117	.284	.033	.035
Delta_FutConn	.009	.284	1.228	.038	.075
Delta_AUC	.038	.033	.038	.037	.015
DD_IChoRat	-.003	.035	.075	.015	.136

Correlation Matrix

		Delta_ConfidenceRecovery	Delta_LikelyRelapse30Days	Delta_LikelyRelapse1yr
Correlation	Delta_ConfidenceRecovery	1.000	-.524	-.257
	Delta_LikelyRelapse30Days	-.524	1.000	.436
	Delta_LikelyRelapse1yr	-.257	.436	1.000
	Delta_RecoveryImportance	-.092	.156	-.120
	Delta_Craving	.209	.048	.243
	Delta_FutSim	-.175	-.003	-.167
	Delta_FutConn	.033	-.105	-.127
	Delta_AUC	-.146	.045	.154
	DD_IChoRat	.107	-.008	-.023

Correlation Matrix

		Delta_RecoveryImportance	Delta_Craving	Delta_FutSim	Delta_FutConn
Correlation	Delta_ConfidenceRecovery	-.092	.209	-.175	.033
	Delta_LikelyRelapse30Days	.156	.048	-.003	-.105
	Delta_LikelyRelapse1yr	-.120	.243	-.167	-.127
	Delta_RecoveryImportance	1.000	-.448	-.174	-.141
	Delta_Craving	-.448	1.000	.203	.008
	Delta_FutSim	-.174	.203	1.000	.126
	Delta_FutConn	-.141	.008	.126	1.000
	Delta_AUC	-.292	.203	.085	.178
	DD_IChoRat	-.327	-.008	.047	.184

Correlation Matrix

		Delta_AUC	DD_IChoRat
Correlation	Delta_ConfidenceRecovery	-.146	.107
	Delta_LikelyRelapse30Days	.045	-.008
	Delta_LikelyRelapse1yr	.154	-.023
	Delta_RecoveryImportance	-.292	-.327
	Delta_Craving	.203	-.008
	Delta_FutSim	.085	.047
	Delta_FutConn	.178	.184
	Delta_AUC	1.000	.217
	DD_IChoRat	.217	1.000

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.471
Bartlett's Test of Sphericity	Approx. Chi-Square	23.705
	df	36
	Sig.	.943

Anti-image Matrices

		Delta_ConfidenceRecovery	Delta_LikelyRelapse30Days	Delta_LikelyRelapse1yr
Anti-image Covariance	Delta_ConfidenceRecovery	.542	.275	.092
	Delta_LikelyRelapse30Days	.275	.558	-.190
	Delta_LikelyRelapse1yr	.092	-.190	.668
	Delta_RecoveryImportance	-.073	-.164	.077
	Delta_Craving	-.237	-.133	-.143
	Delta_FutSim	.204	.034	.208
	Delta_FutConn	-.004	.027	.072
	Delta_AUC	.139	.055	-.057
	DD_IChoRat	-.148	-.128	.023
Anti-image Correlation	Delta_ConfidenceRecovery	.409 ^a	.501	.153
	Delta_LikelyRelapse30Days	.501	.488 ^a	-.312
	Delta_LikelyRelapse1yr	.153	-.312	.583 ^a
	Delta_RecoveryImportance	-.127	-.281	.120
	Delta_Craving	-.422	-.234	-.229
	Delta_FutSim	.311	.051	.285
	Delta_FutConn	-.006	.038	.092
	Delta_AUC	.209	.082	-.077
	DD_IChoRat	-.228	-.194	.032

Anti-image Matrices

		Delta_RecoveryI mportance	Delta_Craving	Delta_FutSim
Anti-image Covariance	Delta_ConfidenceRecovery	-.073	-.237	.204
	Delta_LikelyRelapse30Days	-.164	-.133	.034
	Delta_LikelyRelapse1yr	.077	-.143	.208
	Delta_RecoveryImportance	.612	.252	.041
	Delta_Craving	.252	.582	-.196
	Delta_FutSim	.041	-.196	.793
	Delta_FutConn	.039	.024	-.070
	Delta_AUC	.082	-.109	.026
	DD_IChoRat	.244	.170	-.042
Anti-image Correlation	Delta_ConfidenceRecovery	-.127	-.422	.311
	Delta_LikelyRelapse30Days	-.281	-.234	.051
	Delta_LikelyRelapse1yr	.120	-.229	.285
	Delta_RecoveryImportance	.531 ^a	.423	.059
	Delta_Craving	.423	.378 ^a	-.288
	Delta_FutSim	.059	-.288	.359 ^a
	Delta_FutConn	.053	.033	-.082
	Delta_AUC	.116	-.158	.032
	DD_IChoRat	.353	.253	-.053

Anti-image Matrices

		Delta_FutConn	Delta_AUC	DD_IChoRat
Anti-image Covariance	Delta_ConfidenceRecovery	-.004	.139	-.148
	Delta_LikelyRelapse30Days	.027	.055	-.128
	Delta_LikelyRelapse1yr	.072	-.057	.023
	Delta_RecoveryImportance	.039	.082	.244
	Delta_Craving	.024	-.109	.170
	Delta_FutSim	-.070	.026	-.042
	Delta_FutConn	.911	-.126	-.095
	Delta_AUC	-.126	.816	-.140
	DD_IChoRat	-.095	-.140	.781
Anti-image Correlation	Delta_ConfidenceRecovery	-.006	.209	-.228
	Delta_LikelyRelapse30Days	.038	.082	-.194
	Delta_LikelyRelapse1yr	.092	-.077	.032
	Delta_RecoveryImportance	.053	.116	.353
	Delta_Craving	.033	-.158	.253
	Delta_FutSim	-.082	.032	-.053
	Delta_FutConn	.704 ^a	-.146	-.112
	Delta_AUC	-.146	.637 ^a	-.175
	DD_IChoRat	-.112	-.175	.383 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
Delta_ConfidenceRecovery	1.000	.801
Delta_LikelyRelapse30Days	1.000	.720
Delta_LikelyRelapse1yr	1.000	.746
Delta_RecoveryImportance	1.000	.680
Delta_Craving	1.000	.818
Delta_FutSim	1.000	.855
Delta_FutConn	1.000	.480
Delta_AUC	1.000	.493
DD_IChoRat	1.000	.616

Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Total	Initial Eigenvalues		Extraction Sums of Squared Loadings		
		% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1.968	21.868	21.868	1.968	21.868	21.868
2	1.889	20.987	42.855	1.889	20.987	42.855
3	1.259	13.989	56.845	1.259	13.989	56.845
4	1.093	12.140	68.984	1.093	12.140	68.984
5	.815	9.057	78.041			
6	.735	8.166	86.207			
7	.555	6.170	92.377			
8	.429	4.766	97.143			
9	.257	2.857	100.000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component			
	1	2	3	4
Delta_ConfidenceRecovery	.247	-.710	-.470	.121
Delta_LikelyRelapse30Days	-.234	.810	.084	.034
Delta_LikelyRelapse1yr	.047	.735	-.399	.210
Delta_RecoveryImportance	-.805	-.081	.160	.007
Delta_Craving	.611	.210	-.517	-.364
Delta_FutSim	.345	.074	.432	-.738
Delta_FutConn	.392	-.141	.532	.153
Delta_AUC	.546	.331	.192	.220
DD_IChoRat	.508	-.028	.269	.534

Extraction Method: Principal Component Analysis.

a. 4 components extracted.

Reproduced Correlations

		Delta_ConfidenceRecovery	Delta_LikelyRelapse30Days	Delta_LikelyRelapse1yr
Reproduced Correlation	Delta_ConfidenceRecovery	.801 ^a	-.669	-.298
	Delta_LikelyRelapse30Days	-.669	.720 ^a	.558
	Delta_LikelyRelapse1yr	-.298	.558	.746 ^a
	Delta_RecoveryImportance	-.216	.136	-.160
	Delta_Craving	.200	-.028	.313
	Delta_FutSim	-.260	-.009	-.257
	Delta_FutConn	-.035	-.156	-.266
	Delta_AUC	-.164	.164	.238
	DD_IChoRat	.083	-.101	.007
Residual ^b	Delta_ConfidenceRecovery		.145	.041
	Delta_LikelyRelapse30Days	.145		-.123
	Delta_LikelyRelapse1yr	.041	-.123	
	Delta_RecoveryImportance	.124	.019	.039
	Delta_Craving	.008	.077	-.070
	Delta_FutSim	.084	.006	.090
	Delta_FutConn	.067	.051	.139
	Delta_AUC	.018	-.119	-.085
	DD_IChoRat	.023	.093	-.030

Reproduced Correlations

		Delta_RecoveryI mportance	Delta_Craving	Delta_FutSim
Reproduced Correlation	Delta_ConfidenceRecovery	-.216	.200	-.260
	Delta_LikelyRelapse30Days	.136	-.028	-.009
	Delta_LikelyRelapse1yr	-.160	.313	-.257
	Delta_RecoveryImportance	.680 ^a	-.594	-.220
	Delta_Craving	-.594	.818 ^a	.272
	Delta_FutSim	-.220	.272	.855 ^a
	Delta_FutConn	-.218	-.120	.242
	Delta_AUC	-.434	.225	.134
	DD_IChoRat	-.360	-.029	-.104
Residual ^b	Delta_ConfidenceRecovery	.124	.008	.084
	Delta_LikelyRelapse30Days	.019	.077	.006
	Delta_LikelyRelapse1yr	.039	-.070	.090
	Delta_RecoveryImportance		.146	.045
	Delta_Craving	.146		-.069
	Delta_FutSim	.045	-.069	
	Delta_FutConn	.077	.129	-.116
	Delta_AUC	.142	-.022	-.049
	DD_IChoRat	.033	.021	.151

Reproduced Correlations

		Delta_FutConn	Delta_AUC	DD_IChoRat
Reproduced Correlation	Delta_ConfidenceRecovery	-.035	-.164	.083
	Delta_LikelyRelapse30Days	-.156	.164	-.101
	Delta_LikelyRelapse1yr	-.266	.238	.007
	Delta_RecoveryImportance	-.218	-.434	-.360
	Delta_Craving	-.120	.225	-.029
	Delta_FutSim	.242	.134	-.104
	Delta_FutConn	.480 ^a	.303	.428
	Delta_AUC	.303	.493 ^a	.437
	DD_IChoRat	.428	.437	.616 ^a
Residual ^b	Delta_ConfidenceRecovery	.067	.018	.023
	Delta_LikelyRelapse30Days	.051	-.119	.093
	Delta_LikelyRelapse1yr	.139	-.085	-.030
	Delta_RecoveryImportance	.077	.142	.033
	Delta_Craving	.129	-.022	.021
	Delta_FutSim	-.116	-.049	.151
	Delta_FutConn		-.124	-.244
	Delta_AUC	-.124		-.220
	DD_IChoRat	-.244	-.220	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 23 (63.0%) nonredundant residuals with absolute