

Mplus VERSION 1.0  
MUTHEN & MUTHEN  
07/07/2004 5:42 PM

INPUT INSTRUCTIONS

TITLE: Mplus confirmatory factor analysis  
SAS data file: work.stress04  
One factor model

DATA: FILE IS c:\1-daten\sas\stress\mplus\belast5.dat;  
FORMAT IS 19X,48I1;  
TYPE IS INDIVIDUAL;

VARIABLE: NAMES ARE ABF01p ABF04p ABF06p ABF07p ABF08p  
ABF10p ABF11p ABF12p ABF13p ABF14p  
ABF15p ABF16p ABF17p ABF18p ABF19p  
ABF20p ABF21p ABF22p ABF23p ABF24p  
ABF26p ABF28p ABF29p ABF31p ABF32p  
ABF33p ABF34p ABF35p ABF36p ABF37p  
ABF40p ABF43p ABF46p ABF47p ABF48p  
ABF50p SUB22p SUB31p SUB40\_Ap STRESS15  
TICS01 TICS10 TICS20 TICS22 TICS26  
TICS30 TICS37 TICS39;

SUMMARY OF ANALYSIS

Number of groups 1  
Number of observations 1092  
Number of y-variables 48  
Number of x-variables 0  
Number of continuous latent variables 1

Residuals for Covariances/Correlations/Residual Correlations

	ABF01P	ABF04P	ABF06P	ABF07P	ABF08P
ABF01P					
ABF04P	.057				
ABF06P	-.015	.005			
ABF07P	.140	.099	.086		
ABF08P	.248	.125	.006	.177	
ABF10P	-.048	-.061	.124	-.029	-.041
ABF11P	-.029	-.067	.058	.043	-.020
ABF12P	-.119	.121	.073	.030	-.018
ABF13P	-.108	-.006	-.009	-.008	-.017
ABF14P	-.067	-.032	.003	-.040	-.008
ABF15P	-.019	.001	-.013	.048	-.006
ABF16P	-.087	-.045	-.021	-.072	-.038
ABF17P	-.045	.050	.048	.049	-.034
ABF18P	.012	.008	-.021	.044	-.033
ABF19P	.008	-.040	-.089	.000	.015
ABF20P	-.098	-.077	.068	-.032	-.068
ABF21P	.005	-.089	-.030	-.048	-.015
ABF22P	.002	-.013	-.066	.068	-.017
ABF23P	.042	.038	-.072	-.048	.029
ABF24P	.154	.045	-.053	.039	.069
ABF26P	.142	.000	-.069	-.049	.114
ABF28P	-.119	-.007	.029	-.009	-.040
ABF29P	-.044	-.038	-.028	.006	-.014
ABF31P	.034	.035	-.050	.022	.001

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ABF32P	-.074	-.034	-.023	-.062	-.097
ABF33P	-.098	-.079	.014	-.046	-.041
ABF34P	-.019	.063	-.040	.000	.003
ABF35P	.029	.135	-.030	-.017	.084
ABF36P	-.112	-.026	.007	-.031	-.014
ABF37P	-.022	-.036	.029	.085	.023
ABF40P	.046	-.008	-.027	-.002	.050
ABF43P	-.023	-.013	.018	.047	-.029
ABF46P	-.059	.018	-.067	.001	-.009
ABF47P	-.081	-.027	-.005	-.026	-.017
ABF48P	.019	-.006	-.016	.016	.017
ABF50P	-.036	.000	-.013	-.027	-.009
SUB22P	-.067	.021	-.008	.005	.024
SUB31P	-.060	.039	.049	.071	-.046
SUB40_AP	.092	.215	-.029	.054	.125
STRESS15	.158	.054	-.081	-.007	.046
TICS01	-.009	-.012	-.030	-.098	-.050
TICS10	-.054	.002	-.006	-.106	-.109
TICS20	-.028	-.078	-.079	-.082	-.085
TICS22	-.022	-.086	.006	-.023	-.080
TICS26	-.041	-.086	-.049	-.128	-.100
TICS30	-.065	-.051	.032	-.088	-.065
TICS37	.132	.157	-.034	.046	.058
TICS39	-.066	-.095	-.022	-.172	-.116

Residuals for Covariances/Correlations/Residual Correlations

	ABF10P	ABF11P	ABF12P	ABF13P	ABF14P
ABF11P	.111				
ABF12P	-.021	-.048			
ABF13P	-.018	.052	.082		
ABF14P	-.001	.080	.034	.146	
ABF15P	-.036	-.032	.106	.041	.013
ABF16P	-.021	.032	.052	.042	.016
ABF17P	-.044	.011	.210	-.009	.016
ABF18P	-.069	.007	.055	-.026	-.017
ABF19P	-.066	.041	-.023	.024	-.001
ABF20P	.008	.079	-.017	.038	.025
ABF21P	.048	.061	-.075	-.030	.057
ABF22P	-.066	.010	-.010	-.007	.021
ABF23P	-.031	-.101	-.003	-.029	-.030
ABF24P	-.045	-.051	-.106	.013	.028
ABF26P	-.044	-.053	-.129	-.060	-.029
ABF28P	-.041	-.039	.060	.045	-.020
ABF29P	-.059	-.055	.047	.086	.026

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ABF31P	-.078	-.065	-.022	.014	-.018
ABF32P	.049	-.052	.027	-.056	.008
ABF33P	.008	-.049	.011	-.044	-.001
ABF34P	-.094	-.032	-.018	.094	.027
ABF35P	-.072	-.087	.045	-.025	.029
ABF36P	-.070	.007	.028	.132	.051
ABF37P	-.068	-.052	-.001	.010	.003
ABF40P	-.051	-.022	-.048	-.016	-.026
ABF43P	-.084	-.029	-.034	.121	.044
ABF46P	-.086	-.076	.012	.013	-.054
ABF47P	-.023	-.037	.124	-.008	-.005
ABF48P	-.033	-.021	-.032	.023	-.055
ABF50P	-.043	-.058	.075	-.020	-.070

SUB22P	-.044	-.039	-.015	-.021	-.016
SUB31P	.003	.021	.015	-.055	.026
SUB40_AP	-.063	-.040	.007	-.139	-.044
STRESS15	-.051	.009	-.148	-.123	-.076
TICS01	.026	-.023	-.053	-.127	-.038
TICS10	.021	-.087	.010	-.080	-.030
TICS20	-.007	-.006	-.107	-.092	-.022
TICS22	.149	.011	-.091	-.083	-.043
TICS26	.015	-.072	-.080	-.100	-.044
TICS30	.067	.069	-.114	.012	-.023
TICS37	-.066	.010	-.098	-.054	-.025
TICS39	.012	-.054	-.072	-.060	-.046

Residuals for Covariances/Correlations/Residual Correlations

	ABF15P	ABF16P	ABF17P	ABF18P	ABF19P
ABF16P	.040				
ABF17P	.065	.057			
ABF18P	.053	.043	.070		
ABF19P	.005	.134	.062	.059	
ABF20P	.031	.086	.039	.046	.059
ABF21P	-.013	-.012	.007	.036	.061
ABF22P	.024	.024	.019	.161	.042
ABF23P	.024	.013	-.078	-.056	-.014
ABF24P	-.050	-.031	-.144	-.007	-.059
ABF26P	.012	-.023	-.124	-.065	-.068
ABF28P	.003	.121	-.020	.009	.019
ABF29P	-.004	.000	-.013	-.021	-.010
ABF31P	.002	.013	.009	.060	.047
ABF32P	-.110	-.004	.017	-.040	-.050
ABF33P	-.013	-.018	.027	-.023	-.007
ABF34P	.012	.068	.004	.076	.051
ABF35P	.065	-.010	-.003	.002	-.023
ABF36P	-.006	.070	-.020	-.009	-.010
ABF37P	.015	-.037	.018	-.028	.039
ABF40P	-.048	-.030	-.098	.040	-.036
ABF43P	-.030	-.006	.011	.063	-.008
ABF46P	.037	.041	.094	-.002	.001
ABF47P	.057	.001	.129	.004	.023
ABF48P	-.002	.027	-.035	-.002	.032
ABF50P	.062	.013	.013	.022	.000
SUB22P	-.071	.053	-.068	.026	-.006
SUB31P	.037	.013	.015	.033	-.010

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SUB40_AP	.038	-.047	.009	-.009	-.039
STRESS15	.027	-.065	-.077	-.033	-.022
TICS01	.004	-.037	-.073	-.075	-.043
TICS10	-.111	-.086	-.050	-.116	-.099
TICS20	-.047	-.092	-.062	-.154	-.026
TICS22	-.059	-.093	-.068	-.031	-.090
TICS26	-.064	-.169	-.056	-.121	-.104
TICS30	-.007	-.009	-.069	-.045	-.020
TICS37	.044	-.110	-.059	-.001	-.044
TICS39	-.079	-.102	-.088	-.108	-.071

Residuals for Covariances/Correlations/Residual Correlations

	ABF20P	ABF21P	ABF22P	ABF23P	ABF24P
ABF21P	.054				

ABF22P	.006	.046			
ABF23P	-.030	.023	.003		
ABF24P	-.130	.025	.013	.116	
ABF26P	-.054	.035	-.063	.238	.157
ABF28P	.042	-.053	-.020	-.034	-.008
ABF29P	-.052	-.041	.041	.008	.081
ABF31P	-.084	-.038	.106	-.055	.087
ABF32P	-.054	-.005	-.025	-.012	-.010
ABF33P	.002	.009	-.027	-.009	-.056
ABF34P	-.022	.005	.079	.062	.039
ABF35P	-.073	-.016	.004	.189	.028
ABF36P	.052	-.102	.052	-.049	-.023
ABF37P	.016	-.035	.024	.034	.041
ABF40P	-.011	.008	.025	.053	.147
ABF43P	-.055	-.030	.060	-.004	.057
ABF46P	-.040	-.064	-.028	-.035	.004
ABF47P	.052	-.010	.058	-.034	-.080
ABF48P	.022	-.031	-.001	-.012	-.016
ABF50P	.021	-.030	.004	.072	-.043
SUB22P	-.007	-.042	.011	.029	.076
SUB31P	.001	.004	.046	.020	.031
SUB40_AP	-.075	-.052	-.042	.019	.034
STRESS15	-.060	.025	-.032	.032	.056
TICS01	-.070	.001	-.073	.028	-.004
TICS10	-.103	-.042	-.130	-.019	-.041
TICS20	-.055	.010	-.074	-.040	-.062
TICS22	-.031	.013	-.041	-.080	.004
TICS26	-.094	.003	-.138	-.051	-.057
TICS30	.082	.025	-.070	-.041	-.067
TICS37	-.099	-.007	-.014	.009	.077
TICS39	-.041	-.026	-.128	-.039	-.088

Residuals for Covariances/Correlations/Residual Correlations

	ABF26P	ABF28P	ABF29P	ABF31P	ABF32P
ABF28P	-.022				
ABF29P	-.004	.147			
ABF31P	-.056	.061	.113		
ABF32P	-.010	.036	.011	.032	
ABF33P	-.063	.011	-.019	-.031	.055

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ABF34P	.040	.044	.079	.105	-.079
ABF35P	.059	.008	.021	.045	.010
ABF36P	-.096	.127	.083	.069	-.002
ABF37P	.022	.027	.124	.000	.024
ABF40P	.103	.004	.075	.038	-.034
ABF43P	-.036	.046	.076	.125	.036
ABF46P	-.044	.028	.097	.099	.076
ABF47P	-.077	-.046	.027	.012	-.028
ABF48P	.040	.093	.055	.044	-.008
ABF50P	.080	.097	.059	.012	.010
SUB22P	.074	.113	.032	.052	-.044
SUB31P	-.105	-.039	-.012	-.026	-.033
SUB40_AP	-.012	-.085	-.055	-.019	-.036
STRESS15	.127	-.089	-.107	-.049	.001
TICS01	.017	-.053	-.066	-.091	.072
TICS10	-.010	-.031	-.091	-.087	.161
TICS20	.005	-.129	-.138	-.117	.027
TICS22	-.016	-.134	-.113	-.062	.037
TICS26	-.012	-.165	-.094	-.102	.059

TICS30	-.022	-.042	-.119	-.090	-.076
TICS37	.027	-.123	-.091	-.044	-.070
TICS39	-.012	-.077	-.120	-.145	.057

Residuals for Covariances/Correlations/Residual Correlations

	ABF33P	ABF34P	ABF35P	ABF36P	ABF37P
ABF34P	-.026				
ABF35P	-.028	.050			
ABF36P	-.040	.116	.068		
ABF37P	-.012	.020	-.033	.104	
ABF40P	-.023	.056	.063	.027	.131
ABF43P	-.063	.095	.046	.102	.115
ABF46P	.006	.017	.045	.056	.063
ABF47P	.047	-.035	.003	.032	.071
ABF48P	.022	.010	-.035	.008	.021
ABF50P	.002	.056	-.004	.049	.042
SUB22P	-.014	.003	-.022	.051	.013
SUB31P	-.018	-.016	.035	-.018	.044
SUB40_AP	-.095	-.052	.069	-.051	-.031
STRESS15	-.078	-.059	-.002	-.103	-.093
TICS01	.031	-.118	-.005	-.084	-.055
TICS10	.124	-.104	-.062	-.110	-.087
TICS20	.008	-.136	-.078	-.134	-.072
TICS22	-.003	-.118	-.079	-.086	-.073
TICS26	.107	-.139	-.090	-.162	-.097
TICS30	.001	-.066	-.070	-.035	-.066
TICS37	-.060	-.031	.045	-.101	-.084
TICS39	.071	-.134	-.102	-.114	-.097

Residuals for Covariances/Correlations/Residual Correlations

	ABF40P	ABF43P	ABF46P	ABF47P	ABF48P
ABF43P	-.014				
ABF46P	.020	.076			
ABF47P	-.015	-.023	.097		

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ABF48P	.008	.050	.122	.051	
ABF50P	.096	-.023	.014	.070	.143
SUB22P	.106	.012	.017	-.008	-.053
SUB31P	.003	-.033	.008	.015	-.003
SUB40_AP	.040	-.034	-.019	-.053	-.049
STRESS15	.008	-.062	.028	-.080	.016
TICS01	.018	-.045	-.062	-.019	.028
TICS10	-.048	-.093	-.061	-.026	-.069
TICS20	-.027	-.095	-.080	-.067	-.069
TICS22	-.083	-.060	-.031	-.030	-.056
TICS26	-.111	-.137	-.089	-.014	-.102
TICS30	-.055	-.099	-.079	-.026	-.045
TICS37	.007	-.017	-.011	-.057	-.016
TICS39	-.080	-.120	-.093	-.045	-.077

Residuals for Covariances/Correlations/Residual Correlations

	ABF50P	SUB22P	SUB31P	SUB40_AP	STRESS15
SUB22P	.055				
SUB31P	.003	.154			
SUB40_AP	-.034	.191	.050		

STRESS15	-.038	-.045	.017	.168	
TICS01	.007	-.017	-.018	.012	.122
TICS10	-.068	-.007	-.018	-.051	.011
TICS20	-.103	-.068	-.048	.009	.115
TICS22	-.099	-.044	-.047	-.012	-.005
TICS26	-.093	-.052	-.013	-.035	-.012
TICS30	-.036	-.017	.001	-.047	.030
TICS37	-.075	.008	.008	.219	.159
TICS39	-.055	.001	-.047	-.014	.003

Residuals for Covariances/Correlations/Residual Correlations

	TICS01	TICS10	TICS20	TICS22	TICS26
TICS10	.077				
TICS20	.126	.103			
TICS22	.024	.071	.101		
TICS26	.054	.178	.147	.132	
TICS30	.048	.020	.062	.100	.046
TICS37	.074	-.009	.055	-.020	-.004
TICS39	.096	.183	.172	.060	.178

Residuals for Covariances/Correlations/Residual Correlations

	TICS30	TICS37	TICS39
TICS37	.018		
TICS39	.081	-.006	