```
Mplus VERSION 8.4 (Mac)
MUTHEN & MUTHEN
01/20/2021   2:58 PM

INPUT INSTRUCTIONS

  TITLE: Measurement Model SC and PAF
  DATA: FILE = "All_Variables_012021.dat";
  VARIABLE:
  NAMES = ff_id ThreatComp DepComp k6d2ag k6d2ai k6d2d k6d2j k6d2t
k6d2ac k6d2ak k6d2c
       k6d2n k6d2x p6b36 p6b40 p6b52 p6b53 p6b54 p6b68 p6b65 p6b66
k6d2ag_r k6d2ai_r
       k6d2d_r k6d2j_r k6d2t_r k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r
k6d2x_r k6d61a k6d61b
       k6d61c k6d61d k6d61e k6d61f k6d61g k6d61h k6d61i k6d61j k6d61k
k6d61l k6d61m
       k6d2a k6d2p k6d2r k6d2z k6d2ab k6d2aj k6d40 k6d48 k6f63 k6f68
k6f74 p6b35 p6b37
       p6b38 p6b39 p6b41 p6b42 p6b43 p6b44 p6b45 p6b57 p6b59 p6b49
p6b50 p6b51 p6b60
       p6b61 p6b62 p6b63 p6b64 p6b67 k6d2a_r k6d2p_r k6d2r_r k6d2z_r
k6d2ab_r k6d2aj_r
       k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r k6d2b k6d2e k6d2f k6d2g
k6d2h k6d2i
       k6d2k k6d2l k6d2m k6d2o k6d2s k6d2u k6d2v k6d2w k6d2y k6d2aa
k6d2ad k6d2ae
       k6d2af k6d2ah k6d2b_r k6d2e_r k6d2f_r k6d2g_r k6d2h_r k6d2i_r
k6d2k_r k6d2l_r
       k6d2m_r k6d2o_r k6d2s_r k6d2u_r k6d2v_r k6d2w_r k6d2y_r
k6d2aa_r k6d2ad_r
       k6d2ae_r k6d2af_r k6d2ah_r k5e1a k5e1b k5e1c k5e1d k6b1a k6b1b
k6b1c k6b1d
       k6b1a_r k6b1b_r k6b1c_r k6b1d_r p5q3m p5q3ab p5q3ac p5q3ad
p5q3ae p5q3af p5q3ah
       p5q3ar p5q3av p5q3ax p5q3bq p5q3ck p5q3db p5q3e p5q3ao p5q3bk
p5q3bo p5q3bu
       p5q3cu p5q3cv p5q3da p5q3as p5q3au p5q3aw p5q3az p5q3bb1
p5q3bb2 p5q3bb3
       p5q3bb4 p5q3bb5 p5q3bb6 p5q3bb7 p5q3b p5q3x p5q3aa p5q3al
p5q3ap p5q3bi p5q3bm
       p5q3br p5q3bs p5q3bz p5q3ca p5q3cj p5q3cp p5q3cr p5q3ct p5q3cx
p5q3cy p5q3c
       p5q3o p5q3r p5q3s p5q3t p5q3u p5q3v p5q3aj p5q3bc p5q3bn p5q3cf
p5q3cg p5q3ch
       p5q3ci p5q3cn p5q3co p5q3cq p5q3cw povco_avg Race_AA Race_C
Race_L ck6ethrace
       cm1bsex m1city;
  USEVARIABLES =
  !ThreatComp DepComp
```

```
  ! SC15
  k6b1a_r k6b1b_r k6b1c_r k6b1d_r
  ! SC9
  k5e1a k5e1b k5e1c k5e1d
  ! Anxiety
  !k6d2ag_r k6d2ai_r k6d2d_r k6d2j_r k6d2t_r
  ! Depression
  !k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r k6d2x_r
  ! Internalizing CBCL
  !p6b36 p6b40 p6b52 p6b53 p6b54 p6b68 p6b65 p6b66
  ! Delinquency (Reverse Coded)
  !k6d2a_r k6d2p_r k6d2r_r k6d2z_r k6d2ab_r k6d2aj_r
  ! Impulsivity
  !k6d61a k6d61b k6d61c k6d61d k6d61e k6d61f k6d61g k6d61h
  !k6d61i k6d61j k6d61k k6d61l k6d61m
  ! Substance Use (Dichotomous)
  !k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r
  ! Externalizing CBCl
  !p6b35 p6b37 p6b38 p6b39 p6b41 p6b42 p6b43 p6b44 p6b45 p6b57 p6b59
p6b49 p6b50
  !p6b51 p6b60 p6b61 p6b62 p6b63 p6b64 p6b67
  ! PAF
  k6d2b_r k6d2f_r k6d2g_r
  k6d2i_r k6d2k_r k6d2l_r k6d2m_r k6d2o_r
  k6d2s_r k6d2v_r k6d2w_r k6d2y_r
  k6d2aa_r k6d2ae_r k6d2af_r k6d2ah_r
  ;
  ! 9.24.2019 - I am removing te 4 items on the PAF engagement
subscale because
  ! they all have standard factor loadings below 0.3 and qualitatively
seem
  ! to be measuring something different. Those items are: k6d2e,
k6d2h, k6d2u, k6d2ad.

  CATEGORICAL =
  ! SC15
  k6b1a_r k6b1b_r k6b1c_r k6b1d_r
  ! SC9
  k5e1a k5e1b k5e1c k5e1d
  ! Anxiety
  !6d2ag_r k6d2ai_r k6d2d_r k6d2j_r k6d2t_r
  ! Depression
  !k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r k6d2x_r
  ! Internalizing CBCL
  !p6b36 p6b40 p6b52 p6b53 p6b54 p6b68 p6b65 p6b66
  ! Delinquency (Reverse Coded)
  !k6d2a_r k6d2p_r k6d2r_r k6d2z_r k6d2ab_r k6d2aj_r
  ! Impulsivity
  !k6d61a k6d61b k6d61c k6d61d k6d61e k6d61f k6d61g k6d61h
  !k6d61i k6d61j k6d61k k6d61l k6d61m
```

```
  ! Substance Use (Dichotomous)
  !k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r
  ! Externalizing CBCl
  !p6b35 p6b37 p6b38 p6b39 p6b41 p6b42 p6b43 p6b44 p6b45 p6b57 p6b59
p6b49 p6b50
  !p6b51 p6b60 p6b61 p6b62 p6b63 p6b64 p6b67
  ! PAF
  k6d2b_r k6d2f_r k6d2g_r
  k6d2i_r k6d2k_r k6d2l_r k6d2m_r k6d2o_r
  k6d2s_r k6d2v_r k6d2w_r k6d2y_r
  k6d2aa_r k6d2ae_r k6d2af_r k6d2ah_r
  ;


  IDVARIABLE = ff_id;
  MISSING=ALL(99);
  cluster = m1city;

  ANALYSIS:
  PROCESSORS=8;
  Type = Complex ;


  MODEL:


  ! School Connectedness @ Age 15
  SC15 BY k6b1a_r* k6b1b_r k6b1c_r k6b1d_r;
  SC15 @ 1;

  ! School Connectedness @ Age 9
  SC9 BY k5e1a* k5e1b k5e1c k5e1d;
  SC9 @ 1;

  ! Internalizing @ Age 15
  !Internalizing BY k6d2ag_r* k6d2ai_r k6d2d_r k6d2j_r k6d2t_r
  !k6d2ac_r k6d2ak_r k6d2c_r k6d2n_r k6d2x_r;

  !Internalizing @ 1;

  ! Externalizing @ Age 15
  !EXTERN BY k6d2a_r* k6d2p_r k6d2r_r k6d2z_r k6d2ab_r k6d2aj_r
  !k6d61a k6d61b k6d61c k6d61d k6d61e k6d61f k6d61g k6d61h
  !k6d61i k6d61j k6d61k k6d61l k6d61m
  !k6d40_r k6d48_r k6f63_r k6f68_r k6f74_r;

  !EXTERN @ 1;

  ! PAF @ Age 15
  PAF BY k6d2b_r* k6d2f_r k6d2g_r
```

```
  k6d2i_r k6d2k_r k6d2l_r k6d2m_r k6d2o_r
  k6d2s_r k6d2v_r k6d2w_r k6d2y_r
  k6d2aa_r k6d2ae_r k6d2af_r k6d2ah_r;
  PAF @ 1;

  ! Interaction Coefficients
  !InterT9| ThreatComp XWITH SC9;
  !InterT15| ThreatComp XWITH SC15;
  !InterD9| DepComp XWITH SC9;
  !InterD15| DepComp XWITH SC15;

  ! Structural Model

  !Internalizing on ThreatComp;
  !Internalizing on InterT9;
  !Internalizing ON InterT15;

  !Internalizing on DepComp;
  !Internalizing on InterD9;
  !Internalizing ON InterD15;

  !EXTERN on ThreatComp;
  !EXTERN on InterT9;
  !EXTERN ON InterT15;

  !EXTERN on DepComp;
  !EXTERN on InterD9;
  !EXTERN ON InterD15;

  !Internalizing WITH EXTERN;


  OUTPUT:  standardized sampstat;

  SAVEDATA:
      FILE IS CFA_FactorScores_SC159PAF_012021.txt;
      save = fscores;



*** WARNING
  Data set contains unknown or missing values for GROUPING,
  PATTERN, COHORT, CLUSTER and/or STRATIFICATION variables.
  Number of cases with unknown or missing values:  1
*** WARNING
  Data set contains cases with missing on all variables.
  These cases were not included in the analysis.
  Number of cases with missing on all variables:  1166
   2 WARNING(S) FOUND IN THE INPUT INSTRUCTIONS
```

Measurement Model SC and PAF

SUMMARY OF ANALYSIS

Number of groups	1
Number of observations	3731
Number of dependent variables	24
Number of independent variables	0
Number of continuous latent variables	3

Observed dependent variables

Binary and ordered categorical (ordinal)

K6B1A_R	K6B1B_R	K6B1C_R	K6B1D_R	K5E1A	K5E1B
K5E1C	K5E1D	K6D2B_R	K6D2F_R	K6D2G_R	K6D2I_R
K6D2K_R	K6D2L_R	K6D2M_R	K6D2O_R	K6D2S_R	K6D2V_R
K6D2W_R	K6D2Y_R	K6D2AA_R	K6D2AE_R	K6D2AF_R	
K6D2AH_R					

Continuous latent variables

SC15	SC9	PAF

Variables with special functions

Cluster variable	M1CITY
ID variable	FF_ID

Estimator	WLSMV
Maximum number of iterations	1000
Convergence criterion	0.500D-04
Maximum number of steepest descent iterations	20
Maximum number of iterations for H1	2000
Convergence criterion for H1	0.100D-03
Parameterization	DELTA
Link	PROBIT

Input data file(s)
  All_Variables_012021.dat

Input data format FREE

SUMMARY OF DATA

Number of missing data patterns	49
Number of clusters	20

COVARIANCE COVERAGE OF DATA

Minimum covariance coverage value 0.100

PROPORTION OF DATA PRESENT

Covariance Coverage

	K6B1A_R	K6B1B_R	K6B1C_R	K6B1D_R	K5E1A
K6B1A_R	0.908				
K6B1B_R	0.907	0.907			
K6B1C_R	0.907	0.907	0.907		
K6B1D_R	0.906	0.906	0.906	0.907	
K5E1A	0.794	0.793	0.793	0.793	0.881
K5E1B	0.798	0.798	0.798	0.797	0.876
K5E1C	0.802	0.801	0.801	0.801	0.879
K5E1D	0.799	0.798	0.798	0.798	0.877
K6D2B_R	0.905	0.905	0.905	0.904	0.804
K6D2F_R	0.905	0.905	0.905	0.905	0.804
K6D2G_R	0.906	0.905	0.905	0.905	0.804
K6D2I_R	0.905	0.904	0.904	0.904	0.803
K6D2K_R	0.905	0.905	0.904	0.904	0.803
K6D2L_R	0.906	0.905	0.905	0.905	0.804
K6D2M_R	0.906	0.905	0.905	0.905	0.804
K6D2O_R	0.905	0.904	0.904	0.904	0.804
K6D2S_R	0.906	0.905	0.905	0.905	0.804
K6D2V_R	0.906	0.905	0.905	0.905	0.804
K6D2W_R	0.905	0.905	0.905	0.904	0.804
K6D2Y_R	0.905	0.905	0.905	0.905	

0.804
 K6D2AA_R 0.906 0.905 0.905 0.905
0.804
 K6D2AE_R 0.904 0.903 0.903 0.903
0.802
 K6D2AF_R 0.905 0.905 0.905 0.905
0.804
 K6D2AH_R 0.894 0.894 0.894 0.893
0.793

Covariance Coverage

	K5E1B	K5E1C	K5E1D	K6D2B_R	K6D2F_R
K5E1B	0.886				
K5E1C	0.884	0.891			
K5E1D	0.882	0.887	0.888		
K6D2B_R	0.808	0.812	0.809	0.921	
K6D2F_R	0.808	0.813	0.809	0.920	0.921
K6D2G_R	0.809	0.813	0.810	0.921	0.921
K6D2I_R	0.808	0.812	0.809	0.920	0.920
K6D2K_R	0.808	0.812	0.809	0.920	0.920
K6D2L_R	0.809	0.813	0.810	0.921	0.921
K6D2M_R	0.809	0.813	0.810	0.921	0.921
K6D2O_R	0.808	0.812	0.809	0.920	0.920
K6D2S_R	0.809	0.813	0.810	0.921	0.921
K6D2V_R	0.809	0.813	0.810	0.921	0.921
K6D2W_R	0.808	0.812	0.809	0.920	0.920
K6D2Y_R	0.808	0.813	0.809	0.920	0.920
K6D2AA_R	0.809	0.813	0.810	0.921	0.921
K6D2AE_R	0.807	0.811	0.808	0.919	0.919
K6D2AF_R	0.809	0.813	0.810	0.920	0.921
K6D2AH_R	0.797	0.802	0.798	0.909	0.909

Covariance Coverage

	K6D2G_R	K6D2I_R	K6D2K_R	K6D2L_R	K6D2M_R
K6D2G_R	0.921				
K6D2I_R	0.920	0.920			
K6D2K_R	0.920	0.919	0.920		
K6D2L_R	0.921	0.920	0.920	0.921	
K6D2M_R	0.921	0.920	0.920	0.921	0.921
K6D2O_R	0.920	0.919	0.920	0.920	0.920
K6D2S_R	0.921	0.920	0.920	0.921	0.921
K6D2V_R	0.921	0.920	0.920	0.921	0.921
K6D2W_R	0.921	0.920	0.920	0.921	0.921
K6D2Y_R	0.921	0.920	0.920	0.921	0.921
K6D2AA_R	0.921	0.920	0.920	0.921	0.921
K6D2AE_R	0.919	0.918	0.919	0.919	0.919
K6D2AF_R	0.921	0.920	0.920	0.921	0.921
K6D2AH_R	0.909	0.908	0.909	0.909	0.909

Covariance Coverage

	K6D2O_R	K6D2S_R	K6D2V_R	K6D2W_R	K6D2Y_R
K6D2O_R	0.920				
K6D2S_R	0.920	0.921			
K6D2V_R	0.920	0.921	0.921		
K6D2W_R	0.920	0.921	0.921	0.921	
K6D2Y_R	0.920	0.921	0.921	0.920	0.921
K6D2AA_R	0.920	0.921	0.921	0.921	0.921
K6D2AE_R	0.918	0.919	0.919	0.919	0.919
K6D2AF_R	0.920	0.921	0.921	0.920	0.920

K6D2AH_R	0.909	0.909	0.909	0.909
0.909				

Covariance Coverage

	K6D2AA_R	K6D2AE_R	K6D2AF_R	K6D2AH_R
K6D2AA_R	0.921			
K6D2AE_R	0.919	0.919		
K6D2AF_R	0.921	0.919	0.921	
K6D2AH_R	0.909	0.908	0.909	0.909

UNIVARIATE PROPORTIONS AND COUNTS FOR CATEGORICAL VARIABLES

K6B1A_R		
Category 1	0.046	157.000
Category 2	0.079	269.000
Category 3	0.400	1353.000
Category 4	0.475	1607.000
K6B1B_R		
Category 1	0.037	126.000
Category 2	0.071	239.000
Category 3	0.329	1115.000
Category 4	0.563	1904.000
K6B1C_R		
Category 1	0.056	189.000
Category 2	0.059	201.000
Category 3	0.313	1058.000
Category 4	0.572	1936.000
K6B1D_R		
Category 1	0.025	83.000
Category 2	0.039	131.000
Category 3	0.233	789.000
Category 4	0.704	2380.000
K5E1A		
Category 1	0.096	315.000
Category 2	0.088	288.000
Category 3	0.080	264.000
Category 4	0.147	484.000
Category 5	0.589	1936.000
K5E1B		
Category 1	0.129	427.000
Category 2	0.104	344.000
Category 3	0.100	332.000
Category 4	0.178	589.000
Category 5	0.488	1613.000
K5E1C		
Category 1	0.092	307.000
Category 2	0.072	239.000

	Category 3	0.085	282.000
	Category 4	0.156	519.000
	Category 5	0.595	1978.000
K5E1D			
	Category 1	0.062	207.000
	Category 2	0.044	145.000
	Category 3	0.049	162.000
	Category 4	0.107	353.000
	Category 5	0.738	2445.000
K6D2B_R			
	Category 1	0.020	67.000
	Category 2	0.029	100.000
	Category 3	0.202	695.000
	Category 4	0.749	2573.000
K6D2F_R			
	Category 1	0.030	103.000
	Category 2	0.052	178.000
	Category 3	0.361	1241.000
	Category 4	0.557	1914.000
K6D2G_R			
	Category 1	0.015	51.000
	Category 2	0.013	43.000
	Category 3	0.150	517.000
	Category 4	0.822	2826.000
K6D2I_R			
	Category 1	0.029	99.000
	Category 2	0.081	278.000
	Category 3	0.444	1524.000
	Category 4	0.446	1532.000
K6D2K_R			
	Category 1	0.021	71.000
	Category 2	0.068	233.000
	Category 3	0.429	1474.000
	Category 4	0.482	1656.000
K6D2L_R			
	Category 1	0.006	20.000
	Category 2	0.010	34.000
	Category 3	0.096	330.000
	Category 4	0.888	3053.000
K6D2M_R			
	Category 1	0.012	41.000
	Category 2	0.044	152.000
	Category 3	0.443	1524.000
	Category 4	0.500	1720.000
K6D2O_R			
	Category 1	0.067	231.000
	Category 2	0.052	177.000
	Category 3	0.275	946.000
	Category 4	0.606	2080.000
K6D2S_R			

Category 1	0.015	51.000	
Category 2	0.038	131.000	
Category 3	0.289	993.000	
Category 4	0.658	2262.000	
K6D2V_R			
Category 1	0.009	31.000	
Category 2	0.021	73.000	
Category 3	0.352	1210.000	
Category 4	0.618	2123.000	
K6D2W_R			
Category 1	0.017	59.000	
Category 2	0.058	200.000	
Category 3	0.356	1223.000	
Category 4	0.569	1953.000	
K6D2Y_R			
Category 1	0.017	57.000	
Category 2	0.033	114.000	
Category 3	0.201	689.000	
Category 4	0.750	2575.000	
K6D2AA_R			
Category 1	0.015	52.000	
Category 2	0.036	123.000	
Category 3	0.283	974.000	
Category 4	0.666	2288.000	
K6D2AE_R			
Category 1	0.031	105.000	
Category 2	0.092	314.000	
Category 3	0.499	1710.000	
Category 4	0.379	1300.000	
K6D2AF_R			
Category 1	0.012	41.000	
Category 2	0.015	52.000	
Category 3	0.180	618.000	
Category 4	0.793	2725.000	
K6D2AH_R			
Category 1	0.030	103.000	
Category 2	0.039	131.000	
Category 3	0.326	1106.000	
Category 4	0.605	2053.000	

SAMPLE STATISTICS

ESTIMATED SAMPLE STATISTICS

MEANS/INTERCEPTS/THRESHOLDS

K6B1A_R$	K6B1A_R$	K6B1A_R$	K6B1B_R$	K6B1B_R$

	-1.681	-1.146	0.064	-1.784
-1.238				

MEANS/INTERCEPTS/THRESHOLDS

K6B1B_R$	K6B1C_R$	K6B1C_R$	K6B1C_R$
K6B1D_R$			
-0.158	-1.591	-1.199	-0.182
-1.968			

MEANS/INTERCEPTS/THRESHOLDS

K6B1D_R$	K6B1D_R$	K5E1A$1	K5E1A$2
K5E1A$3			
-1.528	-0.535	-1.306	-0.902
-0.632			

MEANS/INTERCEPTS/THRESHOLDS

K5E1A$4	K5E1B$1	K5E1B$2	K5E1B$3
K5E1B$4			
-0.225	-1.130	-0.728	-0.430
0.030			

MEANS/INTERCEPTS/THRESHOLDS

K5E1C$1	K5E1C$2	K5E1C$3	K5E1C$4
K5E1D$1			
-1.327	-0.977	-0.678	-0.240
-1.534			

MEANS/INTERCEPTS/THRESHOLDS

K5E1D$2	K5E1D$3	K5E1D$4	K6D2B_R$
K6D2B_R$			
-1.247	-1.014	-0.638	-2.064
-1.658			

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2B_R$	K6D2F_R$	K6D2F_R$	K6D2F_R$
K6D2G_R$				
	_____	_____	_____	_____
_____				
	-0.672	-1.881	-1.393	-0.143
-2.174				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2G_R$	K6D2G_R$	K6D2I_R$	K6D2I_R$
K6D2I_R$				
	_____	_____	_____	_____
_____				
	-1.921	-0.924	-1.898	-1.228
0.135				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2K_R$	K6D2K_R$	K6D2K_R$	K6D2L_R$
K6D2L_R$				
	_____	_____	_____	_____
_____				
	-2.040	-1.350	0.045	-2.523
-2.152				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2L_R$	K6D2M_R$	K6D2M_R$	K6D2M_R$
K6D2O_R$				
	_____	_____	_____	_____
_____				
	-1.217	-2.259	-1.588	-0.001
-1.496				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2O_R$	K6D2O_R$	K6D2S_R$	K6D2S_R$
K6D2S_R$				
	_____	_____	_____	_____
_____				
	-1.181	-0.268	-2.174	-1.617
-0.407				

	MEANS/INTERCEPTS/THRESHOLDS			
	K6D2V_R$	K6D2V_R$	K6D2V_R$	K6D2W_R$
K6D2W_R$				
	_____	_____	_____	_____

```
________
            -2.365        -1.877        -0.299        -2.116
-1.437


           MEANS/INTERCEPTS/THRESHOLDS
              K6D2W_R$      K6D2Y_R$      K6D2Y_R$      K6D2Y_R$
K6D2AA_R
              ________      ________      ________      ________
________
            -0.173        -2.130        -1.647        -0.673
-2.167


           MEANS/INTERCEPTS/THRESHOLDS
              K6D2AA_R      K6D2AA_R      K6D2AE_R      K6D2AE_R
K6D2AE_R
              ________      ________      ________      ________
________
            -1.636        -0.428        -1.872        -1.164
0.308


           MEANS/INTERCEPTS/THRESHOLDS
              K6D2AF_R      K6D2AF_R      K6D2AF_R      K6D2AH_R
K6D2AH_R
              ________      ________      ________      ________
________
            -2.259        -1.926        -0.817        -1.876
-1.484


           MEANS/INTERCEPTS/THRESHOLDS
              K6D2AH_R
              ________
            -0.266


           CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)
              K6B1A_R       K6B1B_R       K6B1C_R       K6B1D_R
K5E1A
              ________      ________      ________      ________
________
 K6B1A_R
 K6B1B_R       0.553
 K6B1C_R       0.521         0.580
 K6B1D_R       0.423         0.450         0.481
 K5E1A         0.073         0.100         0.074         0.063
 K5E1B         0.112         0.143         0.085         0.059
0.489
```

K5E1C	0.140	0.129	0.145	0.088
0.506				
K5E1D	0.148	0.065	0.129	0.127
0.470				
K6D2B_R	0.307	0.360	0.358	0.322
0.063				
K6D2F_R	0.313	0.327	0.318	0.212
0.100				
K6D2G_R	0.375	0.269	0.253	0.247
0.058				
K6D2I_R	0.123	0.230	0.253	0.130
0.029				
K6D2K_R	0.148	0.224	0.170	0.093
0.067				
K6D2L_R	0.332	0.337	0.360	0.356
0.104				
K6D2M_R	0.142	0.235	0.230	0.113
0.051				
K6D2O_R	0.178	0.211	0.173	0.189
0.056				
K6D2S_R	0.333	0.383	0.392	0.313
0.122				
K6D2V_R	0.167	0.245	0.208	0.154
0.073				
K6D2W_R	0.144	0.242	0.227	0.180
0.065				
K6D2Y_R	0.263	0.291	0.284	0.290
0.087				
K6D2AA_R	0.375	0.382	0.324	0.283
0.081				
K6D2AE_R	0.136	0.153	0.150	0.126
0.040				
K6D2AF_R	0.292	0.282	0.258	0.262
0.052				
K6D2AH_R	0.156	0.196	0.180	0.142
0.088				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K5E1B	K5E1C	K5E1D	K6D2B_R	K6D2F_R
K5E1C	0.457				
K5E1D	0.405	0.565			
K6D2B_R	0.060	0.066	0.111		
K6D2F_R	0.066	0.097	0.051	0.504	
K6D2G_R	0.085	0.070	0.051	0.302	
0.388					
K6D2I_R	0.023	0.098	0.036	0.277	

0.269
 K6D2K_R 0.068 0.062 0.041 0.320
0.311
 K6D2L_R 0.063 0.129 0.122 0.533
0.416
 K6D2M_R 0.047 0.096 0.063 0.321
0.352
 K6D2O_R 0.063 0.039 0.064 0.430
0.383
 K6D2S_R 0.090 0.100 0.058 0.689
0.615
 K6D2V_R 0.085 0.077 0.047 0.329
0.370
 K6D2W_R 0.062 0.096 0.035 0.418
0.416
 K6D2Y_R 0.083 0.121 0.080 0.408
0.371
 K6D2AA_R 0.063 0.092 0.086 0.533
0.523
 K6D2AE_R 0.062 0.031 -0.002 0.327
0.341
 K6D2AF_R 0.071 0.108 0.076 0.380
0.395
 K6D2AH_R 0.075 0.077 0.020 0.319
0.354

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2G_R	K6D2I_R	K6D2K_R	K6D2L_R	K6D2M_R
K6D2I_R	0.162				
K6D2K_R	0.179	0.455			
K6D2L_R	0.391	0.324	0.303		
K6D2M_R	0.176	0.471	0.630	0.329	
K6D2O_R	0.226	0.244	0.257	0.354	0.287
K6D2S_R	0.334	0.349	0.353	0.579	0.357
K6D2V_R	0.196	0.484	0.478	0.336	0.479
K6D2W_R	0.212	0.345	0.438	0.399	0.427
K6D2Y_R	0.327	0.283	0.271	0.577	0.317
K6D2AA_R	0.394	0.273	0.306	0.526	0.316
K6D2AE_R	0.194	0.258	0.323	0.300	0.324

K6D2AF_R	0.424	0.233	0.251	0.544
0.260				
K6D2AH_R	0.210	0.244	0.254	0.326
0.265				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2O_R	K6D2S_R	K6D2V_R	K6D2W_R
K6D2Y_R				
K6D2S_R	0.476			
K6D2V_R	0.344	0.386		
K6D2W_R	0.455	0.505	0.473	
K6D2Y_R	0.363	0.513	0.312	0.459
K6D2AA_R	0.409	0.647	0.348	0.448
0.470				
K6D2AE_R	0.348	0.406	0.335	0.442
0.336				
K6D2AF_R	0.373	0.457	0.317	0.428
0.569				
K6D2AH_R	0.354	0.384	0.343	0.350
0.303				

CORRELATION MATRIX (WITH VARIANCES ON THE DIAGONAL)

	K6D2AA_R	K6D2AE_R	K6D2AF_R	K6D2AH_R
K6D2AE_R	0.361			
K6D2AF_R	0.479	0.354		
K6D2AH_R	0.328	0.302	0.382	

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters 103

Chi-Square Test of Model Fit

Value	1007.670*
Degrees of Freedom	249
P-Value	0.0000

* The chi-square value for MLM, MLMV, MLR, ULSMV, WLSM and WLSMV cannot be used
for chi-square difference testing in the regular way. MLM, MLR

and WLSM
    chi-square difference testing is described on the Mplus website.
MLMV, WLSMV,
    and ULSMV difference testing is done using the DIFFTEST option.

RMSEA (Root Mean Square Error Of Approximation)

Estimate	0.029	
90 Percent C.I.	0.027	0.030
Probability RMSEA <= .05	1.000	

CFI/TLI

CFI	0.949
TLI	0.944

Chi-Square Test of Model Fit for the Baseline Model

Value	15254.786
Degrees of Freedom	276
P-Value	0.0000

SRMR (Standardized Root Mean Square Residual)

Value	0.051

Optimum Function Value for Weighted Least-Squares Estimator

Value	0.33259076D+00

MODEL RESULTS

		Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15	BY				
K6B1A_R		0.692	0.015	45.371	0.000
K6B1B_R		0.786	0.018	44.378	0.000
K6B1C_R		0.750	0.017	43.252	0.000
K6B1D_R		0.604	0.021	28.249	0.000
SC9	BY				
K5E1A		0.686	0.018	37.536	0.000
K5E1B		0.630	0.024	26.045	0.000
K5E1C		0.761	0.016	49.076	0.000
K5E1D		0.698	0.020	34.382	0.000
PAF	BY				

K6D2B_R	0.694	0.009	77.255	0.000
K6D2F_R	0.673	0.012	55.762	0.000
K6D2G_R	0.470	0.016	28.505	0.000
K6D2I_R	0.517	0.013	41.070	0.000
K6D2K_R	0.585	0.016	37.648	0.000
K6D2L_R	0.703	0.019	37.958	0.000
K6D2M_R	0.594	0.017	35.429	0.000
K6D2O_R	0.570	0.018	31.947	0.000
K6D2S_R	0.808	0.013	61.056	0.000
K6D2V_R	0.603	0.014	43.032	0.000
K6D2W_R	0.656	0.013	51.321	0.000
K6D2Y_R	0.667	0.019	35.591	0.000
K6D2AA_R	0.720	0.013	54.154	0.000
K6D2AE_R	0.515	0.015	34.945	0.000
K6D2AF_R	0.640	0.012	52.262	0.000
K6D2AH_R	0.497	0.012	41.952	0.000
SC9 WITH				
SC15	0.206	0.021	9.906	0.000
PAF WITH				
SC15	0.561	0.016	34.281	0.000
SC9	0.164	0.018	9.299	0.000
Thresholds				
K6B1A_R$1	−1.681	0.042	−39.949	0.000
K6B1A_R$2	−1.146	0.034	−33.660	0.000
K6B1A_R$3	0.064	0.030	2.089	0.037
K6B1B_R$1	−1.784	0.037	−47.800	0.000
K6B1B_R$2	−1.238	0.030	−40.862	0.000
K6B1B_R$3	−0.158	0.029	−5.490	0.000
K6B1C_R$1	−1.591	0.039	−41.116	0.000
K6B1C_R$2	−1.199	0.043	−27.926	0.000
K6B1C_R$3	−0.182	0.035	−5.133	0.000
K6B1D_R$1	−1.968	0.044	−44.384	0.000
K6B1D_R$2	−1.528	0.041	−37.149	0.000
K6B1D_R$3	−0.535	0.039	−13.862	0.000
K5E1A$1	−1.306	0.033	−39.410	0.000
K5E1A$2	−0.902	0.027	−33.125	0.000
K5E1A$3	−0.632	0.027	−23.829	0.000
K5E1A$4	−0.225	0.028	−8.157	0.000
K5E1B$1	−1.130	0.035	−32.702	0.000
K5E1B$2	−0.728	0.035	−20.799	0.000
K5E1B$3	−0.430	0.032	−13.238	0.000
K5E1B$4	0.030	0.037	0.818	0.414
K5E1C$1	−1.327	0.027	−49.765	0.000
K5E1C$2	−0.977	0.026	−38.094	0.000
K5E1C$3	−0.678	0.024	−28.375	0.000
K5E1C$4	−0.240	0.020	−12.267	0.000
K5E1D$1	−1.534	0.052	−29.779	0.000

K5E1D$2	−1.247	0.037	−33.994	0.000
K5E1D$3	−1.014	0.035	−29.152	0.000
K5E1D$4	−0.638	0.027	−23.472	0.000
K6D2B_R$1	−2.064	0.072	−28.807	0.000
K6D2B_R$2	−1.658	0.048	−34.843	0.000
K6D2B_R$3	−0.672	0.038	−17.869	0.000
K6D2F_R$1	−1.881	0.043	−44.084	0.000
K6D2F_R$2	−1.393	0.025	−55.856	0.000
K6D2F_R$3	−0.143	0.027	−5.227	0.000
K6D2G_R$1	−2.174	0.076	−28.490	0.000
K6D2G_R$2	−1.921	0.044	−43.772	0.000
K6D2G_R$3	−0.924	0.033	−28.214	0.000
K6D2I_R$1	−1.898	0.038	−50.617	0.000
K6D2I_R$2	−1.228	0.037	−33.438	0.000
K6D2I_R$3	0.135	0.035	3.886	0.000
K6D2K_R$1	−2.040	0.042	−49.060	0.000
K6D2K_R$2	−1.350	0.026	−52.344	0.000
K6D2K_R$3	0.045	0.037	1.205	0.228
K6D2L_R$1	−2.523	0.079	−31.806	0.000
K6D2L_R$2	−2.152	0.065	−33.057	0.000
K6D2L_R$3	−1.217	0.035	−34.405	0.000
K6D2M_R$1	−2.259	0.062	−36.360	0.000
K6D2M_R$2	−1.588	0.034	−47.275	0.000
K6D2M_R$3	−0.001	0.036	−0.031	0.975
K6D2O_R$1	−1.496	0.045	−33.574	0.000
K6D2O_R$2	−1.181	0.042	−28.076	0.000
K6D2O_R$3	−0.268	0.039	−6.841	0.000
K6D2S_R$1	−2.174	0.056	−39.153	0.000
K6D2S_R$2	−1.617	0.039	−41.661	0.000
K6D2S_R$3	−0.407	0.029	−13.985	0.000
K6D2V_R$1	−2.365	0.059	−40.036	0.000
K6D2V_R$2	−1.877	0.033	−57.705	0.000
K6D2V_R$3	−0.299	0.035	−8.474	0.000
K6D2W_R$1	−2.116	0.057	−37.427	0.000
K6D2W_R$2	−1.437	0.033	−42.901	0.000
K6D2W_R$3	−0.173	0.030	−5.734	0.000
K6D2Y_R$1	−2.130	0.038	−56.019	0.000
K6D2Y_R$2	−1.647	0.045	−36.271	0.000
K6D2Y_R$3	−0.673	0.040	−16.800	0.000
K6D2AA_R$1	−2.167	0.050	−43.342	0.000
K6D2AA_R$2	−1.636	0.031	−52.709	0.000
K6D2AA_R$3	−0.428	0.034	−12.428	0.000
K6D2AE_R$1	−1.872	0.042	−44.335	0.000
K6D2AE_R$2	−1.164	0.032	−36.829	0.000
K6D2AE_R$3	0.308	0.037	8.234	0.000
K6D2AF_R$1	−2.259	0.055	−40.945	0.000
K6D2AF_R$2	−1.926	0.033	−57.508	0.000
K6D2AF_R$3	−0.817	0.029	−28.003	0.000
K6D2AH_R$1	−1.876	0.037	−51.270	0.000
K6D2AH_R$2	−1.484	0.029	−51.209	0.000

K6D2AH_R$3	-0.266	0.030	-8.933	0.000

Variances

SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000
PAF	1.000	0.000	999.000	999.000

STANDARDIZED MODEL RESULTS

STDYX Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.692	0.015	45.371	0.000
K6B1B_R	0.786	0.018	44.378	0.000
K6B1C_R	0.750	0.017	43.252	0.000
K6B1D_R	0.604	0.021	28.249	0.000
SC9 BY				
K5E1A	0.686	0.018	37.536	0.000
K5E1B	0.630	0.024	26.045	0.000
K5E1C	0.761	0.016	49.076	0.000
K5E1D	0.698	0.020	34.382	0.000
PAF BY				
K6D2B_R	0.694	0.009	77.255	0.000
K6D2F_R	0.673	0.012	55.762	0.000
K6D2G_R	0.470	0.016	28.505	0.000
K6D2I_R	0.517	0.013	41.070	0.000
K6D2K_R	0.585	0.016	37.648	0.000
K6D2L_R	0.703	0.019	37.958	0.000
K6D2M_R	0.594	0.017	35.429	0.000
K6D2O_R	0.570	0.018	31.947	0.000
K6D2S_R	0.808	0.013	61.056	0.000
K6D2V_R	0.603	0.014	43.032	0.000
K6D2W_R	0.656	0.013	51.321	0.000
K6D2Y_R	0.667	0.019	35.591	0.000
K6D2AA_R	0.720	0.013	54.154	0.000
K6D2AE_R	0.515	0.015	34.945	0.000
K6D2AF_R	0.640	0.012	52.262	0.000
K6D2AH_R	0.497	0.012	41.952	0.000
SC9 WITH				
SC15	0.206	0.021	9.906	0.000
PAF WITH				

SC15	0.561	0.016	34.281	0.000
SC9	0.164	0.018	9.299	0.000
Thresholds				
K6B1A_R$1	−1.681	0.042	−39.949	0.000
K6B1A_R$2	−1.146	0.034	−33.660	0.000
K6B1A_R$3	0.064	0.030	2.089	0.037
K6B1B_R$1	−1.784	0.037	−47.800	0.000
K6B1B_R$2	−1.238	0.030	−40.862	0.000
K6B1B_R$3	−0.158	0.029	−5.490	0.000
K6B1C_R$1	−1.591	0.039	−41.116	0.000
K6B1C_R$2	−1.199	0.043	−27.926	0.000
K6B1C_R$3	−0.182	0.035	−5.133	0.000
K6B1D_R$1	−1.968	0.044	−44.384	0.000
K6B1D_R$2	−1.528	0.041	−37.149	0.000
K6B1D_R$3	−0.535	0.039	−13.862	0.000
K5E1A$1	−1.306	0.033	−39.410	0.000
K5E1A$2	−0.902	0.027	−33.125	0.000
K5E1A$3	−0.632	0.027	−23.829	0.000
K5E1A$4	−0.225	0.028	−8.157	0.000
K5E1B$1	−1.130	0.035	−32.702	0.000
K5E1B$2	−0.728	0.035	−20.799	0.000
K5E1B$3	−0.430	0.032	−13.238	0.000
K5E1B$4	0.030	0.037	0.818	0.414
K5E1C$1	−1.327	0.027	−49.765	0.000
K5E1C$2	−0.977	0.026	−38.094	0.000
K5E1C$3	−0.678	0.024	−28.375	0.000
K5E1C$4	−0.240	0.020	−12.267	0.000
K5E1D$1	−1.534	0.052	−29.779	0.000
K5E1D$2	−1.247	0.037	−33.994	0.000
K5E1D$3	−1.014	0.035	−29.152	0.000
K5E1D$4	−0.638	0.027	−23.472	0.000
K6D2B_R$1	−2.064	0.072	−28.807	0.000
K6D2B_R$2	−1.658	0.048	−34.843	0.000
K6D2B_R$3	−0.672	0.038	−17.869	0.000
K6D2F_R$1	−1.881	0.043	−44.084	0.000
K6D2F_R$2	−1.393	0.025	−55.856	0.000
K6D2F_R$3	−0.143	0.027	−5.227	0.000
K6D2G_R$1	−2.174	0.076	−28.490	0.000
K6D2G_R$2	−1.921	0.044	−43.772	0.000
K6D2G_R$3	−0.924	0.033	−28.214	0.000
K6D2I_R$1	−1.898	0.038	−50.617	0.000
K6D2I_R$2	−1.228	0.037	−33.438	0.000
K6D2I_R$3	0.135	0.035	3.886	0.000
K6D2K_R$1	−2.040	0.042	−49.060	0.000
K6D2K_R$2	−1.350	0.026	−52.344	0.000
K6D2K_R$3	0.045	0.037	1.205	0.228
K6D2L_R$1	−2.523	0.079	−31.806	0.000
K6D2L_R$2	−2.152	0.065	−33.057	0.000
K6D2L_R$3	−1.217	0.035	−34.405	0.000

K6D2M_R$1	−2.259	0.062	−36.360	0.000
K6D2M_R$2	−1.588	0.034	−47.275	0.000
K6D2M_R$3	−0.001	0.036	−0.031	0.975
K6D2O_R$1	−1.496	0.045	−33.574	0.000
K6D2O_R$2	−1.181	0.042	−28.076	0.000
K6D2O_R$3	−0.268	0.039	−6.841	0.000
K6D2S_R$1	−2.174	0.056	−39.153	0.000
K6D2S_R$2	−1.617	0.039	−41.661	0.000
K6D2S_R$3	−0.407	0.029	−13.985	0.000
K6D2V_R$1	−2.365	0.059	−40.036	0.000
K6D2V_R$2	−1.877	0.033	−57.705	0.000
K6D2V_R$3	−0.299	0.035	−8.474	0.000
K6D2W_R$1	−2.116	0.057	−37.427	0.000
K6D2W_R$2	−1.437	0.033	−42.901	0.000
K6D2W_R$3	−0.173	0.030	−5.734	0.000
K6D2Y_R$1	−2.130	0.038	−56.019	0.000
K6D2Y_R$2	−1.647	0.045	−36.271	0.000
K6D2Y_R$3	−0.673	0.040	−16.800	0.000
K6D2AA_R$1	−2.167	0.050	−43.342	0.000
K6D2AA_R$2	−1.636	0.031	−52.709	0.000
K6D2AA_R$3	−0.428	0.034	−12.428	0.000
K6D2AE_R$1	−1.872	0.042	−44.335	0.000
K6D2AE_R$2	−1.164	0.032	−36.829	0.000
K6D2AE_R$3	0.308	0.037	8.234	0.000
K6D2AF_R$1	−2.259	0.055	−40.945	0.000
K6D2AF_R$2	−1.926	0.033	−57.508	0.000
K6D2AF_R$3	−0.817	0.029	−28.003	0.000
K6D2AH_R$1	−1.876	0.037	−51.270	0.000
K6D2AH_R$2	−1.484	0.029	−51.209	0.000
K6D2AH_R$3	−0.266	0.030	−8.933	0.000
Variances				
SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000
PAF	1.000	0.000	999.000	999.000

STDY Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.692	0.015	45.371	0.000
K6B1B_R	0.786	0.018	44.378	0.000
K6B1C_R	0.750	0.017	43.252	0.000
K6B1D_R	0.604	0.021	28.249	0.000
SC9 BY				
K5E1A	0.686	0.018	37.536	0.000

K5E1B	0.630	0.024	26.045	0.000
K5E1C	0.761	0.016	49.076	0.000
K5E1D	0.698	0.020	34.382	0.000
PAF BY				
K6D2B_R	0.694	0.009	77.255	0.000
K6D2F_R	0.673	0.012	55.762	0.000
K6D2G_R	0.470	0.016	28.505	0.000
K6D2I_R	0.517	0.013	41.070	0.000
K6D2K_R	0.585	0.016	37.648	0.000
K6D2L_R	0.703	0.019	37.958	0.000
K6D2M_R	0.594	0.017	35.429	0.000
K6D2O_R	0.570	0.018	31.947	0.000
K6D2S_R	0.808	0.013	61.056	0.000
K6D2V_R	0.603	0.014	43.032	0.000
K6D2W_R	0.656	0.013	51.321	0.000
K6D2Y_R	0.667	0.019	35.591	0.000
K6D2AA_R	0.720	0.013	54.154	0.000
K6D2AE_R	0.515	0.015	34.945	0.000
K6D2AF_R	0.640	0.012	52.262	0.000
K6D2AH_R	0.497	0.012	41.952	0.000
SC9 WITH				
SC15	0.206	0.021	9.906	0.000
PAF WITH				
SC15	0.561	0.016	34.281	0.000
SC9	0.164	0.018	9.299	0.000
Thresholds				
K6B1A_R$1	−1.681	0.042	−39.949	0.000
K6B1A_R$2	−1.146	0.034	−33.660	0.000
K6B1A_R$3	0.064	0.030	2.089	0.037
K6B1B_R$1	−1.784	0.037	−47.800	0.000
K6B1B_R$2	−1.238	0.030	−40.862	0.000
K6B1B_R$3	−0.158	0.029	−5.490	0.000
K6B1C_R$1	−1.591	0.039	−41.116	0.000
K6B1C_R$2	−1.199	0.043	−27.926	0.000
K6B1C_R$3	−0.182	0.035	−5.133	0.000
K6B1D_R$1	−1.968	0.044	−44.384	0.000
K6B1D_R$2	−1.528	0.041	−37.149	0.000
K6B1D_R$3	−0.535	0.039	−13.862	0.000
K5E1A$1	−1.306	0.033	−39.410	0.000
K5E1A$2	−0.902	0.027	−33.125	0.000
K5E1A$3	−0.632	0.027	−23.829	0.000
K5E1A$4	−0.225	0.028	−8.157	0.000
K5E1B$1	−1.130	0.035	−32.702	0.000
K5E1B$2	−0.728	0.035	−20.799	0.000
K5E1B$3	−0.430	0.032	−13.238	0.000
K5E1B$4	0.030	0.037	0.818	0.414

K5E1C$1	−1.327	0.027	−49.765	0.000
K5E1C$2	−0.977	0.026	−38.094	0.000
K5E1C$3	−0.678	0.024	−28.375	0.000
K5E1C$4	−0.240	0.020	−12.267	0.000
K5E1D$1	−1.534	0.052	−29.779	0.000
K5E1D$2	−1.247	0.037	−33.994	0.000
K5E1D$3	−1.014	0.035	−29.152	0.000
K5E1D$4	−0.638	0.027	−23.472	0.000
K6D2B_R$1	−2.064	0.072	−28.807	0.000
K6D2B_R$2	−1.658	0.048	−34.843	0.000
K6D2B_R$3	−0.672	0.038	−17.869	0.000
K6D2F_R$1	−1.881	0.043	−44.084	0.000
K6D2F_R$2	−1.393	0.025	−55.856	0.000
K6D2F_R$3	−0.143	0.027	−5.227	0.000
K6D2G_R$1	−2.174	0.076	−28.490	0.000
K6D2G_R$2	−1.921	0.044	−43.772	0.000
K6D2G_R$3	−0.924	0.033	−28.214	0.000
K6D2I_R$1	−1.898	0.038	−50.617	0.000
K6D2I_R$2	−1.228	0.037	−33.438	0.000
K6D2I_R$3	0.135	0.035	3.886	0.000
K6D2K_R$1	−2.040	0.042	−49.060	0.000
K6D2K_R$2	−1.350	0.026	−52.344	0.000
K6D2K_R$3	0.045	0.037	1.205	0.228
K6D2L_R$1	−2.523	0.079	−31.806	0.000
K6D2L_R$2	−2.152	0.065	−33.057	0.000
K6D2L_R$3	−1.217	0.035	−34.405	0.000
K6D2M_R$1	−2.259	0.062	−36.360	0.000
K6D2M_R$2	−1.588	0.034	−47.275	0.000
K6D2M_R$3	−0.001	0.036	−0.031	0.975
K6D2O_R$1	−1.496	0.045	−33.574	0.000
K6D2O_R$2	−1.181	0.042	−28.076	0.000
K6D2O_R$3	−0.268	0.039	−6.841	0.000
K6D2S_R$1	−2.174	0.056	−39.153	0.000
K6D2S_R$2	−1.617	0.039	−41.661	0.000
K6D2S_R$3	−0.407	0.029	−13.985	0.000
K6D2V_R$1	−2.365	0.059	−40.036	0.000
K6D2V_R$2	−1.877	0.033	−57.705	0.000
K6D2V_R$3	−0.299	0.035	−8.474	0.000
K6D2W_R$1	−2.116	0.057	−37.427	0.000
K6D2W_R$2	−1.437	0.033	−42.901	0.000
K6D2W_R$3	−0.173	0.030	−5.734	0.000
K6D2Y_R$1	−2.130	0.038	−56.019	0.000
K6D2Y_R$2	−1.647	0.045	−36.271	0.000
K6D2Y_R$3	−0.673	0.040	−16.800	0.000
K6D2AA_R$1	−2.167	0.050	−43.342	0.000
K6D2AA_R$2	−1.636	0.031	−52.709	0.000
K6D2AA_R$3	−0.428	0.034	−12.428	0.000
K6D2AE_R$1	−1.872	0.042	−44.335	0.000
K6D2AE_R$2	−1.164	0.032	−36.829	0.000
K6D2AE_R$3	0.308	0.037	8.234	0.000

K6D2AF_R$1	−2.259	0.055	−40.945	0.000
K6D2AF_R$2	−1.926	0.033	−57.508	0.000
K6D2AF_R$3	−0.817	0.029	−28.003	0.000
K6D2AH_R$1	−1.876	0.037	−51.270	0.000
K6D2AH_R$2	−1.484	0.029	−51.209	0.000
K6D2AH_R$3	−0.266	0.030	−8.933	0.000
Variances				
SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000
PAF	1.000	0.000	999.000	999.000

STD Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
SC15 BY				
K6B1A_R	0.692	0.015	45.371	0.000
K6B1B_R	0.786	0.018	44.378	0.000
K6B1C_R	0.750	0.017	43.252	0.000
K6B1D_R	0.604	0.021	28.249	0.000
SC9 BY				
K5E1A	0.686	0.018	37.536	0.000
K5E1B	0.630	0.024	26.045	0.000
K5E1C	0.761	0.016	49.076	0.000
K5E1D	0.698	0.020	34.382	0.000
PAF BY				
K6D2B_R	0.694	0.009	77.255	0.000
K6D2F_R	0.673	0.012	55.762	0.000
K6D2G_R	0.470	0.016	28.505	0.000
K6D2I_R	0.517	0.013	41.070	0.000
K6D2K_R	0.585	0.016	37.648	0.000
K6D2L_R	0.703	0.019	37.958	0.000
K6D2M_R	0.594	0.017	35.429	0.000
K6D2O_R	0.570	0.018	31.947	0.000
K6D2S_R	0.808	0.013	61.056	0.000
K6D2V_R	0.603	0.014	43.032	0.000
K6D2W_R	0.656	0.013	51.321	0.000
K6D2Y_R	0.667	0.019	35.591	0.000
K6D2AA_R	0.720	0.013	54.154	0.000
K6D2AE_R	0.515	0.015	34.945	0.000
K6D2AF_R	0.640	0.012	52.262	0.000
K6D2AH_R	0.497	0.012	41.952	0.000
SC9 WITH				
SC15	0.206	0.021	9.906	0.000

PAF WITH				
SC15	0.561	0.016	34.281	0.000
SC9	0.164	0.018	9.299	0.000
Thresholds				
K6B1A_R$1	−1.681	0.042	−39.949	0.000
K6B1A_R$2	−1.146	0.034	−33.660	0.000
K6B1A_R$3	0.064	0.030	2.089	0.037
K6B1B_R$1	−1.784	0.037	−47.800	0.000
K6B1B_R$2	−1.238	0.030	−40.862	0.000
K6B1B_R$3	−0.158	0.029	−5.490	0.000
K6B1C_R$1	−1.591	0.039	−41.116	0.000
K6B1C_R$2	−1.199	0.043	−27.926	0.000
K6B1C_R$3	−0.182	0.035	−5.133	0.000
K6B1D_R$1	−1.968	0.044	−44.384	0.000
K6B1D_R$2	−1.528	0.041	−37.149	0.000
K6B1D_R$3	−0.535	0.039	−13.862	0.000
K5E1A$1	−1.306	0.033	−39.410	0.000
K5E1A$2	−0.902	0.027	−33.125	0.000
K5E1A$3	−0.632	0.027	−23.829	0.000
K5E1A$4	−0.225	0.028	−8.157	0.000
K5E1B$1	−1.130	0.035	−32.702	0.000
K5E1B$2	−0.728	0.035	−20.799	0.000
K5E1B$3	−0.430	0.032	−13.238	0.000
K5E1B$4	0.030	0.037	0.818	0.414
K5E1C$1	−1.327	0.027	−49.765	0.000
K5E1C$2	−0.977	0.026	−38.094	0.000
K5E1C$3	−0.678	0.024	−28.375	0.000
K5E1C$4	−0.240	0.020	−12.267	0.000
K5E1D$1	−1.534	0.052	−29.779	0.000
K5E1D$2	−1.247	0.037	−33.994	0.000
K5E1D$3	−1.014	0.035	−29.152	0.000
K5E1D$4	−0.638	0.027	−23.472	0.000
K6D2B_R$1	−2.064	0.072	−28.807	0.000
K6D2B_R$2	−1.658	0.048	−34.843	0.000
K6D2B_R$3	−0.672	0.038	−17.869	0.000
K6D2F_R$1	−1.881	0.043	−44.084	0.000
K6D2F_R$2	−1.393	0.025	−55.856	0.000
K6D2F_R$3	−0.143	0.027	−5.227	0.000
K6D2G_R$1	−2.174	0.076	−28.490	0.000
K6D2G_R$2	−1.921	0.044	−43.772	0.000
K6D2G_R$3	−0.924	0.033	−28.214	0.000
K6D2I_R$1	−1.898	0.038	−50.617	0.000
K6D2I_R$2	−1.228	0.037	−33.438	0.000
K6D2I_R$3	0.135	0.035	3.886	0.000
K6D2K_R$1	−2.040	0.042	−49.060	0.000
K6D2K_R$2	−1.350	0.026	−52.344	0.000
K6D2K_R$3	0.045	0.037	1.205	0.228
K6D2L_R$1	−2.523	0.079	−31.806	0.000

K6D2L_R$2	−2.152	0.065	−33.057	0.000
K6D2L_R$3	−1.217	0.035	−34.405	0.000
K6D2M_R$1	−2.259	0.062	−36.360	0.000
K6D2M_R$2	−1.588	0.034	−47.275	0.000
K6D2M_R$3	−0.001	0.036	−0.031	0.975
K6D2O_R$1	−1.496	0.045	−33.574	0.000
K6D2O_R$2	−1.181	0.042	−28.076	0.000
K6D2O_R$3	−0.268	0.039	−6.841	0.000
K6D2S_R$1	−2.174	0.056	−39.153	0.000
K6D2S_R$2	−1.617	0.039	−41.661	0.000
K6D2S_R$3	−0.407	0.029	−13.985	0.000
K6D2V_R$1	−2.365	0.059	−40.036	0.000
K6D2V_R$2	−1.877	0.033	−57.705	0.000
K6D2V_R$3	−0.299	0.035	−8.474	0.000
K6D2W_R$1	−2.116	0.057	−37.427	0.000
K6D2W_R$2	−1.437	0.033	−42.901	0.000
K6D2W_R$3	−0.173	0.030	−5.734	0.000
K6D2Y_R$1	−2.130	0.038	−56.019	0.000
K6D2Y_R$2	−1.647	0.045	−36.271	0.000
K6D2Y_R$3	−0.673	0.040	−16.800	0.000
K6D2AA_R$1	−2.167	0.050	−43.342	0.000
K6D2AA_R$2	−1.636	0.031	−52.709	0.000
K6D2AA_R$3	−0.428	0.034	−12.428	0.000
K6D2AE_R$1	−1.872	0.042	−44.335	0.000
K6D2AE_R$2	−1.164	0.032	−36.829	0.000
K6D2AE_R$3	0.308	0.037	8.234	0.000
K6D2AF_R$1	−2.259	0.055	−40.945	0.000
K6D2AF_R$2	−1.926	0.033	−57.508	0.000
K6D2AF_R$3	−0.817	0.029	−28.003	0.000
K6D2AH_R$1	−1.876	0.037	−51.270	0.000
K6D2AH_R$2	−1.484	0.029	−51.209	0.000
K6D2AH_R$3	−0.266	0.030	−8.933	0.000
Variances				
SC15	1.000	0.000	999.000	999.000
SC9	1.000	0.000	999.000	999.000
PAF	1.000	0.000	999.000	999.000

R-SQUARE

Observed Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value	Residual Variance
K6B1A_R	0.479	0.021	22.685	0.000	0.521
K6B1B_R	0.618	0.028	22.189	0.000	0.382

K6B1C_R	0.563	0.026	21.626	0.000
0.437				
K6B1D_R	0.365	0.026	14.124	0.000
0.635				
K5E1A	0.471	0.025	18.768	0.000
0.529				
K5E1B	0.397	0.030	13.022	0.000
0.603				
K5E1C	0.579	0.024	24.538	0.000
0.421				
K5E1D	0.487	0.028	17.191	0.000
0.513				
K6D2B_R	0.482	0.012	38.628	0.000
0.518				
K6D2F_R	0.453	0.016	27.881	0.000
0.547				
K6D2G_R	0.221	0.015	14.252	0.000
0.779				
K6D2I_R	0.268	0.013	20.535	0.000
0.732				
K6D2K_R	0.342	0.018	18.824	0.000
0.658				
K6D2L_R	0.495	0.026	18.979	0.000
0.505				
K6D2M_R	0.353	0.020	17.715	0.000
0.647				
K6D2O_R	0.324	0.020	15.974	0.000
0.676				
K6D2S_R	0.653	0.021	30.528	0.000
0.347				
K6D2V_R	0.364	0.017	21.516	0.000
0.636				
K6D2W_R	0.430	0.017	25.660	0.000
0.570				
K6D2Y_R	0.444	0.025	17.795	0.000
0.556				
K6D2AA_R	0.519	0.019	27.077	0.000
0.481				
K6D2AE_R	0.265	0.015	17.473	0.000
0.735				
K6D2AF_R	0.409	0.016	26.131	0.000
0.591				
K6D2AH_R	0.247	0.012	20.976	0.000
0.753				

QUALITY OF NUMERICAL RESULTS

Condition Number for the Information Matrix
0.481E-02

(ratio of smallest to largest eigenvalue)

SAMPLE STATISTICS FOR ESTIMATED FACTOR SCORES

SAMPLE STATISTICS

Means

SC15	SC15_SE	SC9	SC9_SE	PAF
-0.040	0.553	-0.045	0.605	-0.024

Means

PAF_SE
0.436

Covariances

	SC15	SC15_SE	SC9	SC9_SE	PAF
SC15	0.606				
SC15_SE	0.046	0.022			
SC9	0.167	0.012	0.541		
SC9_SE	0.014	0.000	0.048	0.023	
PAF	0.446	0.035	0.139	0.012	0.736
PAF_SE	0.038	0.023	0.011	-0.001	0.061

Covariances

	PAF_SE
PAF_SE	0.032

Correlations

SC15	SC15_SE	SC9	SC9_SE	PAF

```
 SC15           1.000
 SC15_SE        0.397         1.000
 SC9            0.293         0.108         1.000
 SC9_SE         0.118         0.010         0.428         1.000
 PAF            0.668         0.275         0.221         0.090
1.000
 PAF_SE         0.270         0.881         0.082        -0.023
0.398


           Correlations
              PAF_SE
              ________
 PAF_SE         1.000


SAVEDATA INFORMATION


  Save file
    CFA_FactorScores_SC159PAF_012021.txt

  Order and format of variables

    K6B1A_R        F10.3
    K6B1B_R        F10.3
    K6B1C_R        F10.3
    K6B1D_R        F10.3
    K5E1A          F10.3
    K5E1B          F10.3
    K5E1C          F10.3
    K5E1D          F10.3
    K6D2B_R        F10.3
    K6D2F_R        F10.3
    K6D2G_R        F10.3
    K6D2I_R        F10.3
    K6D2K_R        F10.3
    K6D2L_R        F10.3
    K6D2M_R        F10.3
    K6D2O_R        F10.3
    K6D2S_R        F10.3
    K6D2V_R        F10.3
    K6D2W_R        F10.3
    K6D2Y_R        F10.3
    K6D2AA_R       F10.3
    K6D2AE_R       F10.3
    K6D2AF_R       F10.3
    K6D2AH_R       F10.3
    SC15           F10.3
    SC15_SE        F10.3
```

```
    SC9             F10.3
    SC9_SE          F10.3
    PAF             F10.3
    PAF_SE          F10.3
    FF_ID           I6
    M1CITY          I3

  Save file format
    30F10.3 I6 I3

  Save file record length    10000


     Beginning Time:  14:58:31
        Ending Time:  14:58:32
       Elapsed Time:  00:00:01
```

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