**MPLUS SYNTAX FOR THE COMBINED LST MODEL**

 Title: Combined LST

 DATA: File is LST.dat;

 TYPE IS individual;

 Variable: NAMES ARE

 ID K11\_SEX

 Y1T1\_C Y2T1\_C Y3T1\_C

 Y1T2\_C Y2T2\_C Y3T2\_C

 Y1T3\_C Y2T3\_C Y3T3\_C

 Y1T1\_T Y2T1\_T Y3T1\_T

 Y1T2\_T Y2T2\_T Y3T2\_T

 Y1T3\_T Y2T3\_T Y3T3\_T;

 MISSING are all (999);

 USEvariables are

 Y1T1\_C Y2T1\_C Y3T1\_C

 Y1T2\_C Y2T2\_C Y3T2\_C

 Y1T3\_C Y2T3\_C Y3T3\_C

 Y1T1\_T Y2T1\_T Y3T1\_T

 Y1T2\_T Y2T2\_T Y3T2\_T

 Y1T3\_T Y2T3\_T Y3T3\_T;

 !!! Y1 FEEL SORRY FOR OTHERS

 !!! Y2 FELL SORRY FOR OTHER CHILDREN TEASED

 !!! Y3 FELL SORRY FOR OTHER CHILDREN SAD OR UPSET

 !!! C = CAREGIVERS T = TEACHERS

 Analysis:

 Estimator = MLR;

 Model:

!!!!!!!!!!!!!!!!!!!!SYMPATHY CAREGIVERS (parents) !!!!!!!!!!!!

!!!OCCASION SPECIFIC LATENT FACTORS (ZETA)

 SYP\_T1 BY Y1T1\_C@1;

 SYP\_T1 BY Y2T1\_C (G2);

 SYP\_T1 BY Y3T1\_C (G3);

 SYP\_T2 BY Y1T2\_C@1;

 SYP\_T2 BY Y2T2\_C (G2);

 SYP\_T2 BY Y3T2\_C (G3);

 SYP\_T3 BY Y1T3\_C@1;

 SYP\_T3 BY Y2T3\_C (G2);

 SYP\_T3 BY Y3T3\_C (G3);

!!!!!INTERCEPTS!!!!

 [Y1T1\_C@0];

 [Y2T1\_C] (t2);

 [Y3T1\_C] (pt33); !!!!different intercept!!!

 [Y1T2\_C@0];

 [Y2T2\_C] (t2);

 [Y3T2\_C] (t3);

 [Y1T3\_C@0];

 [Y2T3\_C] (t2);

 [Y3T3\_C] (t3);

 !!!!!!!VARIABILITY OF STATE FACTORS!!!!!

 SYP\_T1 (state1);

 SYP\_T2 (state1);

 SYP\_T3 (state1);

 !!!!!!TRAIT FACTOR!!!!

 KSIP BY Y1T1\_C@1

 Y2T1\_C (L2)

 Y3T1\_C (pL33) !!! different factor loading

 Y1T2\_C@1

 Y2T2\_C (L2)

 Y3T2\_C (L3)

 Y1T3\_C@1

 Y2T3\_C (L2)

 Y3T3\_C (L3);

 [KSIP]; !!!latent mean of the latent trait factor KSIP!!!

 KSIP (varP); !!!variance of the latent trait factor KSIP!!!

 !!!!! CORRELATIONS AMONG LATENT STATE AND TRAIT FACTORS FIXED TO BE ZERO!!!!!

 SYP\_T1 WITH SYP\_T2@0 SYP\_T3@0;

 SYP\_T2 WITH SYP\_T3@0;

 KSIP WITH SYP\_T1@0 SYP\_T2@0 SYP\_T3@0;

 !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!SYMPATHY TEACHER!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

 !!!!!OCCASION SPECIFIC FACTORS (ZETA)!!!!!

 SYMT\_T1 BY Y1T1\_T@1 ;

 SYMT\_T1 BY Y2T1\_T (G2);

 SYMT\_T1 BY Y3T1\_T (G3);

 SYMT\_T2 BY Y1T2\_T@1;

 SYMT\_T2 BY Y2T2\_T (G2);

 SYMT\_T2 BY Y3T2\_T (G3);

 SYMT\_T3 BY Y1T3\_T@1;

 SYMT\_T3 BY Y2T3\_T (G2);

 SYMT\_T3 BY Y3T3\_T (G3);

 [Y1T1\_T@0];

 [Y2T1\_T] (t2) ;

 [Y3T1\_T] (t3);

 [Y1T2\_T@0];

 [Y2T2\_T] (t2);

 [Y3T2\_T] (t3);

 [Y1T3\_T@0];

 [Y2T3\_T] (t2);

 [Y3T3\_T] (t3);

!!!!!!!!VARIABILITY OF STATE FACTORS!!!!!

 SYMT\_T1 (state2);

 SYMT\_T2 (state2);

 SYMT\_T3 (state2);

!!!!!!!!!LATENT TRAIT FACTOR KSIT!!!!!!

 KSIT BY Y1T1\_T@1

 Y2T1\_T (L2)

 Y3T1\_T (L3)

 Y1T2\_T@1

 Y2T2\_T (L2)

 Y3T2\_T (L3)

 Y1T3\_T@1

 Y2T3\_T (L2)

 Y3T3\_T (L3);

 [KSIT]; !!!LATENT MEAN OF THE TRAIT FACTOR KSIT!!!

 KSIT (varT); !!!! VARIANCE OF THE TRAIT FACTOR KSIT!!!

!!!!!!!!!!INDEXES OF CROSS-INFORMANT CONSISTENCY AT THE STATE LEVEL!!!!!!!

 SYP\_T1 WITH SYMT\_T1 (r1);

 SYP\_T2 WITH SYMT\_T2 (r1);

 SYP\_T3 WITH SYMT\_T3 (r1);

!!!!!!!!!!INDEX OF CROSS-INFORMANT CONSISTENCY AT THE TRAIT LEVEL!!!!!!!

KSIP with KSIT;

!!!!!!! CORRELATIONS AMONG LATENT STATE AND TRAIT FACTORS FIXED TO BE ZERO!!!!!!

 SYMT\_T1 WITH SYMT\_T2@0 SYMT\_T3@0;

 SYMT\_T2 WITH SYMT\_T3@0;

 KSIT WITH SYMT\_T1@0 SYMT\_T2@0 SYMT\_T3@0;

 !CORR AMONG LATENT STATE AND TRAIT FACTORS FIXED TO BE ZERO ACROSS INFORMANTS!!!!!!

 SYP\_T1 WITH SYMT\_T2@0 SYMT\_T3@0;

 SYP\_T2 WITH SYMT\_T1@0 SYMT\_T3@0;

 SYP\_T3 WITH SYMT\_T1@0 SYMT\_T2@0;

 KSIP WITH SYMT\_T1@0 SYMT\_T2@0 SYMT\_T3@0;

 KSIT WITH SYP\_T1@0 SYP\_T2@0 SYP\_T3@0;

 output:

 sampstat standardized modindices (3.84) cinterval residual tech1 tech4;