Supplementary Information Files for Early childhood weight gain: latent patterns and body composition outcomes

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Supplementary material 1

Mixture modelling

We used Mplus (version 8.3) to develop a single growth mixture model that identified distinct groups of individuals who had similar early childhood weight trajectories (1), while accounting appropriately for the underlying data generating processes (2). Briefly, growth mixture modelling relaxes the assumption of latent (or multilevel or mixed-effects) growth curve models that all individuals share a single average trajectory. This is done by combining a latent curve model with a categorical latent class variable (3,4). By incorporating regressions of the latent growth curve terms (e.g., intercept and slope(s)) on a set of dummy variables representing the categories of the latent class variable, mixture models estimate multiple average trajectories (i.e., one for each class). Each individual has a posterior probability of belonging to each latent class, but ideally has a very high probability for one class and very low probabilities for the other classes. This degree of separation between class membership is summarised by the entropy statistic (5). Entropy values vary between 0 and 1, with greater values indicating clearer separation between latent classes.

As is recommended, we developed our mixture model specification in a series of steps, with the aim to improve the Bayesian Information Criterion (BIC) and ignoring the entropy statistic, as this is not a measure of model fit (6,7). The age scale was centered at visit 7 (age 31 months) to aid numerical stability. For 1-6 class solutions, we fitted a series of mixture models in which the longitudinal weight response was described using each of the following age functions: linear, Count (8), and Berkey-Reed 1st order (9). The latter two are structural growth curve functions developed by auxologists specifically for early-childhood growth.

The Berkey-Reed structural growth function has been found time and again to be the best model for early childhood growth (10-12). The factor loadings for these functions are show in Supplementary Table 1.

For the Count models to consistently converge, the variance of the log term had to be constrained to be zero. For the Berkey-Reed models to consistently converge, the variances of the log and reciprocal terms had to be constrained to be zero. Nonetheless, as shown in Supplementary Table 2, the Berkey-Reed function provided by far the best fit for the data. Because outcome variances were not consistent across the sweeps, we did not consider constraining the weight residual variances (i.e., errors) to be identical across sweeps (i.e., heteroskedasticity was assumed). As recommended by Gilthorpe et al (2), we attempted to model the random structure, resulting from having to constraint the variance-covariance structure, in a number of ways. A full class-specific first-order autocorrelation (AR1) structure for the errors (residual variances) would not converge. We were, however, able to fit models that specified a class-specific correlation structure among the once removed (e.g., T and T+1) and twice removed (e.g., T and T+2) errors. Unlike normal AR1 models that have a single autocorrelation parameter, we required the flexibility provided by using two: one for the once removed correlations and one for the twice removed correlations. As shown in Supplementary Table 2, the addition of autocorrelation structure improved model fits by between 830 to 2116 BIC points.

A graphical representation of the final mixture model is shown in Supplementary Figure 1. This model was run for 1-6 class solutions. To avoid convergence at local minima (13), 500000 random starts (for 20 iterations) were preformed, of which the best 50000 models

(according to log-likelihood) were run to completion (STARTS = 500000 50000; STITERATIONS = 20). This very high number of random starts and final stage models was needed because, in general, only approximately 0.5% of the random starts converged and only approximately 2% of the final models converged. The failure of such a large proportion of random (scatter gun) starts to get anywhere is actually reassuring and occurs because we properly specified the random structure (i.e., autocorrelation of residuals) and thus restricted the solution space (2). A summary of the final mixture models (1-6 classes), including measures of class separation, is presented in Supplementary Table 3. For each of the 1-6 class solution models, a figure was produced showing the average fitted trajectory or trajectories between 0-60 months in kg and in Z-scores, according to the WHO Standards (14). To convert the kg trajectories to the Z-score trajectories, LMS values averaged across sexes were used (15). After birth and up until 4 months, Z-score trajectories are not plotted because of the lack of data in between these ages (Figure 1 and Supplementary Figures 2-6).

Our choice of which of the 1-6 class solutions to select for further investigation was based on, firstly, overall fit according to the BIC and, secondly, quality of classification or separation between the classes and interpretability of the average trajectories (6). As shown in Supplementary Table 3, the reduction in BIC between k and k – 1 solutions attenuated exponentially as the number of classes increased. The difference in BIC between the 6-class solution and the 5-class solution was only 1 unit, suggesting that after 5 classes there was no improvement to be gained (at least in terms of BIC). For this reason, we now focus on discussing the choice between the 4-class and 5-class solutions. While the average posterior probabilities of class membership were always greater than the proposed cut-off of 0.65 in both 4-class and 5-class solutions (16), the BIC was slightly lower in the 5-class solution and

the entropy was slightly higher. Further, the 5-class solution included a very important class (characterised by extreme weight gain), which we would have hypothesised to observe, and which is clearly of great clinical relevance. We therefore selected the 5-class solution as our final model. Two further figures were produced. One showing the distribution of posterior probabilities for assigned class membership (Supplementary Figure 7) and one showing the average fitted trajectories (with 95% CIs) and individual observed trajectories for each class (Figure 8).

The full Mplus output for the final mixture model is shown in Supplementary Material 2.

Length/height trajectories

Multilevel modelling (occasion at level 1 and individuals at level 2) was used to produce trajectories describing how length/height Z-scores (according to the WHO Standards (14)) changes over age in each class (17,18). Birth length data were not included in the modelling because they are known to suffer from a large degree of measurement error. Non-linearity in the association of the length/height Z-scores (not measured at birth) with age was parametrised using restricted cubic splines, with five knots. Default knot locations were used based on Harrell's recommended quantiles (19). The constant and a linear age term were allowed to have random effects at level 2, thereby allowing everyone to have their own individual linear trajectory. The variance-covariance matrix among these random effects was unstructured, as is recommended in modelling childhood growth (20,21). Class membership was included in the model as a categorical variable, using four dummy terms. These dummy terms were also interacted with the four spline terms to allow the trajectory

to take a different shape for each class. Further, the level 1 variance was allowed to differ between length and height measurements. The model formula is given as:

$$
\begin{aligned}
y_{ij} = {} & \beta_0 + \mu_{0j} + \beta_{1j}Spline_{1ij} + \beta_{2j}Spline_{2ij} + \beta_{3j}Spline_{3ij} + \beta_{4j}Spline_{4ij} + \mu_{1j}Age_{ij} \\
& + \beta_5 Class_{2j} + \beta_6 Class_{3j} + \beta_7 Class_{4j} + \beta_8 Class_{5j} \\
& + \beta_9 Class_{2j} \times Spline_{1ij} + \beta_{10} Class_{2j} \times Spline_{2ij} + \beta_{11} Class_{2j} \times Spline_{3ij} \\
& \qquad\qquad + \beta_{12} Class_{2j} \times Spline_{4ij} \\
& + \beta_{13} Class_{3j} \times Spline_{1ij} + \beta_{14} Class_{3j} \times Spline_{2ij} + \beta_{15} Class_{3j} \times Spline_{3ij} \\
& \qquad\qquad + \beta_{16} Class_{3j} \times Spline_{4ij} \\
& + \beta_{17} Class_{4j} \times Spline_{1ij} + \beta_{18} Class_{4j} \times Spline_{2ij} + \beta_{19} Class_{4j} \times Spline_{3ij} \\
& \qquad\qquad + \beta_{20} Class_{4j} \times Spline_{4ij} \\
& + \beta_{21} Class_{5j} \times Spline_{1ij} + \beta_{22} Class_{5j} \times Spline_{2ij} + \beta_{23} Class_{5j} \times Spline_{3ij} \\
& \qquad\qquad + \beta_{24} Class_{5j} \times Spline_{4ij} \\
& + e_{1ij}Length_{ij} + e_{2ij}Height_{ij}
\end{aligned}
$$

$$
\begin{bmatrix} \mu_{0j} \\ \mu_{1j} \end{bmatrix} \sim N(0, \Omega_\mu): \Omega_\mu = \begin{bmatrix} \sigma_{\mu0}^2 & \\ \sigma_{\mu01} & \sigma_{\mu1}^2 \end{bmatrix}
$$

$$
\begin{bmatrix} e_{1ij} \\ e_{2ij} \end{bmatrix} \sim N(0, \Omega_e): \Omega_e = \begin{bmatrix} \sigma_{e1}^2 & \\ 0 & \sigma_{e2}^2 \end{bmatrix}
$$

Where, y_{ij} is the length/height Z-score at age i of person j. $Spline_{1-4ij}$ are restricted cubic spline terms of Age_{ij} (i.e., decimal age). $Class_{2-5j}$ are dummy terms contrasting each latent class with $Class_{1j}$. $Class_{2-5j} \times Spline_{1-4ij}$ are interactions between the class and

spline terms. β_{0-24} are fixed effects, μ_{0-1j} are level 2 random effects, e_{1ij} is the level 1 variance term for length measurements, and e_{2ij} for height measurements. The μ_{0-1j} and e_{1-2ij} are assumed to follow a normal distribution, with a mean of zero, variance (diagonal σ^2 terms), and (for the level 2 random effects) covariance $\sigma_{\mu01}$.

After checking diagnostics and fit, the model was used to produce a figure illustrating the average length/height Z-score trajectories for each class between 4-60 months. Mean values for birth length Z-scores, based on observed data, were included into this figure.

All procedures were performed in Stata SE 15 (StataCorp LLC, College Station, TX, USA), using the command runmlwin for the multilevel models (22).

Gestational age was generally based on date of last menstrual period, but if this was unreliable then the earliest ultrasound measurements were typically used. Using obstetric records, gestational hypertension was defined as systolic blood pressure ≥140 mmHg or diastolic blood pressure ≥90 mmHg on at least two occasions after 20 weeks of gestation. Diabetes in pregnancy is a derived variable identifying women with pre-existing diabetes (self-reported at recruitment), glycosuria (from obstetric records), and/or gestational diabetes (from obstetric records). Whether or not the mother smoked or drank alcohol in the first three months of pregnancy was self-reported at 18-20 weeks gestation.

Potential confounders

Mother's parity and age at the birth of the baby was recorded. Mother's BMI was computed using self-reported weight and height at 12 weeks gestation. Highest qualifications were

based on maternal self-report at 32 weeks gestation. Occupations, when the child was ~1.75 years old, were classified according to the reduced National Statistics Socio-Economic Classification classes. We computed a single occupation variable using partner's occupation (n = 732) or mother's occupation (n = 197) if the partner's data were missing. Weekly family income was based on maternal self-report at the 7-year sweep.

Finally, we used an index measuring family adversity occurring during pregnancy, which has been internally computed by ALSPAC and is widely used for confounder adjustment. Briefly, the index is an unweighted score (range 0-18) comprising family-based risk factors, including items like crime, substance abuse, and maternal psychopathology. As recommended by ALSPAC, this index was treated as being a continuous independent variable in regression models.

Multiple imputation

Multiple imputation was used to account for missing data, under a missing at random (MAR) assumption, following the guidelines of Sterne et al (23). Evidence to support the MAR assumption is provided in Supplementary Table 4, in which we present differences between individuals with or without missing data on key variables.

Imputation of 100 datasets was performed using chained equations in Stata SE 15 (command: mi impute chained). Briefly, this approach fills in missing values iteratively using a sequence of univariate imputation methods with fully conditional specification of

prediction equations (24-26). The univariate imputation method was general linear regression for continuous variables (log transformed if skewed), binary logistic regression for binary variables, multinomial logistic regression for categorical variables, and ordered logistic regression for the family adversity index. As the default setting, augmented regression was performed in the presence of perfect prediction for categorical imputation variables. Weight and height Z-scores, according to the UK 1990 growth reference charts (27), at sweeps 1 and 10 (i.e., birth and 61 months), were included as auxiliary variables. The independent variables with complete data comprised sex, gestational age, maternal age, and class membership. To aid convergence, categorical imputation variables were treated as being continuous in prediction equations where they were independent variables. Weighting the imputation model by the posterior probabilities of class membership was not possible because importance weights in Stata cannot be combined with augmented regression.

Following imputation, descriptive statistics and regression models were computed using the multiply-imputed data, using Rubin's rules to combine estimates across the 100 datasets (command: mi estimate) (28).

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Supplementary Table 1. Age scale and factor loadings for different trajectory terms

Visit	Mean age (years)	Linear model Intercept	Linear model Linear x	Count model Intercept	Count model Linear x	Count model Log ln(x+1)	Berkey-Reed model Intercept	Berkey-Reed model Linear x	Berkey-Reed model Log ln(x+1)	Berkey-Reed model Reciprocal 1/(x+1)
		i	s1	i	s1	s2	i	s1	s2	s3
1	0	1	-2.6	1	-2.6	-1.28	1	-2.6	-1.28	0.72
2	0.3	1	-2.3	1	-2.3	-1.02	1	-2.3	-1.02	0.49
3	0.7	1	-1.9	1	-1.9	-0.75	1	-1.9	-0.75	0.31
4	1	1	-1.6	1	-1.6	-0.59	1	-1.6	-0.59	0.22
5	1.5	1	-1.1	1	-1.1	-0.36	1	-1.1	-0.36	0.12
6	2.1	1	-0.5	1	-0.5	-0.15	1	-0.5	-0.15	0.04
7	2.6	1	0	1	0	0.00	1	0	0.00	0.00
8	3.1	1	0.5	1	0.5	0.13	1	0.5	0.13	-0.04
9	3.6	1	1	1	1	0.25	1	1	0.25	-0.06
10	4.1	1	1.5	1	1.5	0.35	1	1.5	0.35	-0.08
11	5.2	1	2.6	1	2.6	0.54	1	2.6	0.54	-0.12

Supplementary Table 2. Comparison of the BIC between weight mixture models with different specifications

		Model 1	Model 2		Model 3		Model 4	
		Linear	Count[a]		Reed[b]		Reed[b] + class-specific autocorrelated errors	
				Δ from model 1		Δ from model 2		Δ from model 3
Weight	Class							
	1	33609	29880	-3729	25832	-4048	23716	-2116
	2	32502	28706	-3796	24467	-4239	22657	-1810
	3	32342	28344	-3998	23521	-4823	22202	-1319
	4	32219	28163	-4056	23181	-4982	22141	-1040
	5	32203	28094	-4109	23030	-5064	22124	-906
	6	32240	28051	-4189	22953	-5098	22123	-830

[a]Variance of the log term had to be constrained to be zero for models to converge without error messages
[b]Variances of the log and reciprocal terms had to be constrained to be zero for models to converge without error messages

Supplementary Table 3. Summary of final weight mixture models

	Class-1	Class-2	Class-3	Class-4	Class-5	Class-6
BIC	23716	22657	22202	22141	22124	22123
BIC difference	--	-1059	-455	-61	-17	-1
Entropy	--	0.72	0.69	0.64	0.66	0.62
Posterior probability [mean]						
Class-1	--	0.93	0.89	0.81	0.84	0.87
Class-2	--	0.88	0.88	0.78	0.80	0.77
Class-3	--		0.83	0.80	0.88	0.89
Class-4	--			0.87	0.79	0.76
Class-5	--				0.74	0.69
Class-6	--					0.70
Posterior probability > 0.7 [%]						
Class-1	--	92.4	81.8	72.9	78.8	81.7
Class-2	--	82.8	85.4	69.9	70.6	64.3
Class-3	--		78.3	71.7	80.5	83.3
Class-4	--			83.3	67.1	63.9
Class-5	--				61.1	48.4
Class-6	--					51.9
Class membership [N (%)]						
Class-1	1390 (100)	1117 (80.4)	121 (8.7)	262 (18.9)	99 (7.1)	82 (5.9)
Class-2		273 (20.6)	785 (56.5)	685 (49.3)	337 (24.2)	235 (16.9)
Class-3			484 (34.8)	329 (23.7)	41 (3.0)	42 (3.0)
Class-4				114 (8.2)	286 (20.6)	313 (22.5)
Class-5					627 (45.1)	512 (36.8)
Class-6						206 (14.8)

Supplementary Table 4. Differences between individuals with or without missing data on key variable sets

		Not Missing N = 864	Missing N = 526
Sex			
Male	N (%)	458 (53.0)	295 (56.1)
Female	N (%)	406 (47.0)	231 (43.9)
Ethnicity			
White	N (%)	814 (97.1)	443 (95.1)
Non-white	N (%)	24 (2.9)	23 (4.9)
Parity			
1	N (%)	404 (48.1)	220 (44.4)
2	N (%)	276 (32.9)	166 (33.5)
≥ 3	N (%)	160 (19.1)	110 (22.2)
Gestational age (weeks)	Mean (SD)	39.5 (1.6)	39.5 (1.7)
Gestational hypertension			
No	N (%)	727 (85.6)	441 (85.3)
Yes	N (%)	122 (14.4)	76 (14.7)
Diabetes in pregnancy			
No	N (%)	809 (95.5)	449 (94.7)
Yes	N (%)	38 (4.5)	25 (5.3)
Mother smoked during first 3 months of pregnancy			
No	N (%)	693 (82.1)	410 (82.8)
Yes	N (%)	151 (17.9)	85 (17.2)
Mother drank alcohol during first 3 months of pregnancy			
No	N (%)	719 (84.6)	366 (72.9)
Yes	N (%)	131 (15.4)	136 (27.1)
Mother's age	Mean (SD)	29.4 (4.5)	27.9 (4.8)
Mother's height (cm)	Mean (SD)	164.2 (6.4)	164.3 (5.7)
Mother's BMI (kg/m^2)	Median (IQR)	23.5 (21.5, 26.3)	21.4 (23.2, 26.4)
Mother's highest qualification			
Degree	N (%)	135 (15.9)	58 (12.1)
A level	N (%)	251 (29.6)	85 (17.8)
O level	N (%)	296 (35.0)	179 (37.4)
Vocational	N (%)	76 (9.0)	54 (11.3)
CSE	N (%)	89 (10.5)	103 (21.5)

Partner's (or mother's if partner's missing) occupation			
Higher managerial, administrative and professional occupations	N (%)	109 (16.7)	37 (13.1)
Lower managerial, administrative and professional occupations	N (%)	216 (33.1)	87 (30.9)
Intermediate occupations	N (%)	75 (11.5)	38 (13.5)
Small employers and own account workers	N (%)	62 (9.5)	21 (7.5)
Lower supervisory and technical occupations	N (%)	94 (14.4)	32 (11.4)
Semi-routine occupations	N (%)	44 (6.7)	35 (12.4)
Routine occupations	N (%)	53 (8.1)	32 (11.4)
Weekly family income (£)			
≥ 400	N (%)	340 (49.7)	92 (45.8)
300-399	N (%)	166 (24.3)	37 (18.4)
200-299	N (%)	101 (14.8)	38 (18.9)
0-199	N (%)	77 (11.3)	34 (16.9)
Family adversity index during pregnancy			
0	N (%)	416 (48.7)	181 (36.0)
1	N (%)	219 (25.6)	134 (26.6)
2	N (%)	127 (14.9)	89 (17.7)
≥ 3	N (%)	93 (10.9)	99 (19.7)

[a]Differences were tested using t-tests or Mann-Whitney U tests for continuous variables and chi-squared for categorical variables

Supplementary Table 5. Height and BMI Z-score values at age 7 years for each class, based on observed and imputed data

		Class 5 Normal	Class 2 Normal after initial catch-down	Class 4 High-decreasing	Class 1 Stable-high	Class 3 Rapidly-increasing
				Estimates are mean (95% CI)		
Imputed data	7 years					
	Weight Z-score	0.21 (0.13, 0.30)	-0.16 (-0.28, -0.04)	0.49 (0.38, 0.61)	1.62 (1.36, 1.88)	1.87 (1.45, 2.29)
	Height Z-score	0.17 (0.09, 0.24)	-0.09 (-0.21, 0.03)	0.36 (0.25, 0.47)	0.94 (0.73, 1.15)	0.75 (0.37, 1.13)
	BMI Z-score	0.13 (0.04, 0.21)	-0.18 (-0.30, -0.06)	0.38 (0.26, 0.50)	1.50 (1.23, 1.77)	1.97 (1.54, 2.40)
Observed data	7 years					
	Weight Z-score (N=940)	0.22 (0.13, 0.31)	-0.20 (-0.33, -0.07)	0.50 (0.38, 0.62)	1.60 (1.28, 1.91)	1.92 (1.45, 2.39)
	Height Z-score (N=943)	0.21 (0.13, 0.29)	-0.11 (-0.25, 0.02)	0.38 (0.26, 0.49)	0.98 (0.74, 1.22)	0.86 (0.43, 1.29)
	BMI Z-score (N=940)	0.11 (0.02, 0.20)	-0.21 (-0.34, -0.09)	0.38 (0.26, 0.50)	1.44 (1.12, 1.76)	1.87 (1.40, 2.33)

Results weighted by posterior probabilities of most-likely class membership
Z-scores according to the WHO 2007 Reference

Supplementary Table 6. Class differences in body size and composition outcomes at age 7 years

	Class 5 Normal	Class 2 Normal after initial catch-down	Class 4 High-decreasing	Class 1 Stable-high	Class 3 Rapidly-increasing
		s% (95% CI)	s% (95% CI)	s% (95% CI)	s% (95% CI)
7 years					
Weight	0.0 (reference)	-6.6 (-8.9, -4.3)	4.6 (2.3, 6.9)	21.0 (16.7, 25.3)	26.4 (19.3, 33.5)
Height	0.0 (reference)	-1.2 (-1.9, -0.6)	0.7 (0.1, 1.3)	2.9 (2.0, 3.9)	2.4 (0.7, 4.0)
BMI	0.0 (reference)	-4.1 (-5.8, -2.4)	3.2 (1.5, 4.8)	15.2 (12.0, 18.5)	21.6 (16.2, 27.0)

s% estimates are symmetric percentage differences

Results estimated using confounder-adjusted regression models applied to multiply-imputed data and weighted by posterior probabilities of most-likely class membership

Supplementary Table 7. Class differences in body size and composition outcomes at ages 7 & 9 years (unadjusted)

	Class 5 Normal	Class 2 Normal after initial catch-down	Class 4 High-decreasing	Class 1 Stable-high	Class 3 Rapidly-increasing
		s% (95% CI)	s% (95% CI)	s% (95% CI)	s% (95% CI)
7 years					
Weight	0.0 (reference)	-6.1 (-8.4, -3.8)	4.1 (1.8, 6.3)	22.2 (17.8, 26.5)	28.5 (21.3, 35.7)
Height	0.0 (reference)	-1.4 (-2.0, -0.7)	0.9 (0.2, 1.5)	3.3 (2.3, 4.3)	2.4 (0.8, 4.0)
BMI	0.0 (reference)	-3.3 (-4.9, -1.7)	2.3 (0.7, 3.9)	15.5 (12.3, 18.8)	23.7 (18.0, 29.4)
9 years					
Weight	0.0 (reference)	-5.5 (-8.2, -2.8)	2.5 (-0.2, 5.2)	23.6 (18.7, 28.5)	33.1 (24.8, 41.3)
Height	0.0 (reference)	-1.1 (-1.8, -0.4)	1.0 (0.4, 1.6)	3.4 (2.4, 4.3)	2.3 (0.6, 4.1)
BMI	0.0 (reference)	-3.3 (-5.3, -1.2)	0.5 (-1.6, 2.6)	16.9 (13.0, 20.8)	28.4 (21.6, 35.2)
Fat mass	0.0 (reference)	-15.4 (-24.6, -6.1)	-7.0 (-15.7, 1.7)	54.3 (38.1, 70.5)	80.0 (58.8, 101.1)
Lean mass	0.0 (reference)	-4.0 (-6.0, -2.0)	5.3 (3.4, 7.1)	11.3 (8.3, 14.2)	12.8 (8.3, 17.3)

s% estimates are symmetric percentage differences

Results estimated using unadjusted regression models applied to multiply-imputed data and weighted by posterior probabilities of most-likely class membership

Supplementary Table 8. Class differences in body size and composition outcomes at ages 7 & 9 years (unweighted)

	Class 5 Normal	Class 2 Normal after initial catch-down	Class 4 High-decreasing	Class 1 Stable-high	Class 3 Rapidly-increasing
		s% (95% CI)	s% (95% CI)	s% (95% CI)	s% (95% CI)
7 years					
Weight	0.0 (reference)	-6.1 (-8.5, -3.8)	4.7 (2.3, 7.1)	20.6 (17.0, 24.3)	25.5 (20.2, 30.8)
Height	0.0 (reference)	-1.1 (-1.8, -0.5)	0.8 (0.1, 1.4)	2.9 (2.0, 3.8)	2.3 (0.9, 3.7)
BMI	0.0 (reference)	-3.8 (-5.5, -2.1)	3.2 (1.4, 4.9)	14.9 (12.1, 17.6)	21.0 (17.0, 24.9)
9 years					
Weight	0.0 (reference)	-6.4 (-9.2, -3.6)	3.2 (0.2, 6.2)	21.5 (17.0, 26.0)	29.6 (23.0, 36.2)
Height	0.0 (reference)	-1.1 (-1.7, -0.4)	0.8 (0.2, 1.5)	2.8 (1.9, 3.8)	2.6 (1.1, 4.0)
BMI	0.0 (reference)	-4.2 (-6.3, -2.1)	1.5 (-0.8, 3.8)	15.8 (12.3, 19.4)	24.5 (19.3, 29.7)
Fat mass	0.0 (reference)	-22.8 (-31.6, -14.0)	3.7 (-5.5, 12.9)	51.1 (36.6, 65.6)	66.2 (46.0, 86.4)
Lean mass	0.0 (reference)	-2.6 (-4.5, -0.7)	3.6 (1.6, 5.5)	9.2 (6.2, 12.1)	13.1 (8.9, 17.4)

s% estimates are symmetric percentage differences

Results estimated using confounder-adjusted regression models applied to multiply-imputed data

Supplementary Table 9. Class differences in body size and composition outcomes at ages 7 & 9 years (outcomes not imputed)

	Class 5 Normal	Class 2 Normal after initial catch-down	Class 4 High-decreasing	Class 1 Stable-high	Class 3 Rapidly-increasing
		s% (95% CI)	s% (95% CI)	s% (95% CI)	s% (95% CI)
7 years					
Weight (N=940)	0.0 (reference)	-6.9 (-9.2, -4.6)	5.0 (2.7, 7.3)	20.6 (15.4, 25.8)	27.6 (19.5, 35.7)
Height (N=943)	0.0 (reference)	-1.5 (-2.1, -0.8)	0.8 (0.2, 1.4)	2.9 (1.8, 4.0)	2.7 (0.8, 4.5)
BMI (N=940)	0.0 (reference)	-4.0 (-5.7, -2.3)	3.4 (1.8, 5.1)	14.8 (11.0, 18.7)	21.1 (14.8, 27.3)
9 years					
Weight (N=890)	0.0 (reference)	-6.9 (-9.8, -4.1)	3.7 (0.9, 6.6)	20.8 (14.9, 26.6)	32.9 (23.9, 41.9)
Height (N=890)	0.0 (reference)	-1.3 (-2.0, -0.6)	1.0 (0.3, 1.6)	2.5 (1.4, 3.7)	3.5 (1.7, 5.2)
BMI (N=890)	0.0 (reference)	-4.3 (-6.4, -2.2)	1.8 (-0.4, 4.1)	15.7 (11.3, 20.2)	25.9 (18.5, 33.4)
Fat mass (N=864)	0.0 (reference)	-23.0 (-31.5, -14.4)	2.4 (-6.5, 11.2)	51.9 (36.1, 67.7)	69.8 (49.6, 89.9)
Lean mass (N=864)	0.0 (reference)	-3.3 (-5.3, -1.3)	3.8 (1.9, 5.7)	8.2 (5.0, 11.4)	14.4 (9.1, 19.6)

s% estimates are symmetric percentage differences

Results estimated using unadjusted regression models applied to multiply-imputed data (confounders only) and weighted by posterior probabilities of most-likely class membership

Supplementary Figure legends
Supplementary Figure 1. Graphical representation of the final weight mixture models (1-6 classes)
Supplementary Figure 2. Mixture model trajectories for a 1-class solution
Supplementary Figure 3. Mixture model trajectories for a 2-class solution
Supplementary Figure 4. Mixture model trajectories for a 3-class solution
Supplementary Figure 5. Mixture model trajectories for a 4-class solution
Supplementary Figure 6. Mixture model trajectories for a 6-class solution
Supplementary Figure 7. Distribution of posterior probabilities for assigned class membership for the selected 5-class model
Supplementary Figure 8. Average fitted trajectories (with 95% CIs) and individual observed trajectories for the selected 5-class model
Supplementary Figure 9. Mean length at birth Z-scores (observed) and average length/height Z-score curves (estimated using a multilevel model)

```
Mplus VERSION 8.3
MUTHEN & MUTHEN
05/26/2020  10:11 AM

INPUT INSTRUCTIONS

    TITLE:  wreed_ar;
    DATA: FILE IS "mplusdata.txt";
    VARIABLE:
      NAMES ARE
      id sex
      a1 a2 a3 a4 a5 a6 a7 a8 a9 a10 a11
      w1 w2 w3 w4 w5 w6 w7 w8 w9 w10 w11
      h1 h2 h3 h4 h5 h6 h7 h8 h9 h10 h11;

      USEVARIABLES ARE
      w1 w2 w3 w4 w5 w6 w7 w8 w9 w10 w11;

      IDVARIABLE IS id;

      MISSING are ALL(-9999);
      CLASSES = c(5);

    ANALYSIS:
      ESTIMATOR = MLR;
      TYPE IS MIXTURE;
      ALGORITHM=INTEGRATION;
      INTEGRATION = MONTECARLO;
      STARTS = 500000 50000;
      STITERATIONS = 20;
      PROCESS = 20;

    MODEL:
      %OVERALL%

      iw BY w1-w11@1;

      s1w BY w1@-2.6 w2@-2.3 w3@-1.9 w4@-1.6 w5@-1.1 w6@-0.5
      w7@0 w8@0.5 w9@1 w10@1.5 w11@2.6;

      s2w BY w1@-1.28 w2@-1.02 w3@-0.75 w4@-0.59 w5@-0.36 w6@-0.15
      w7@0 w8@0.13 w9@0.25 w10@0.35 w11@0.54;

      s3w BY w1@0.72 w2@0.49 w3@0.31 w4@0.22 w5@0.12 w6@0.04
      w7@0 w8@-0.04 w9@-0.06 w10@-0.08 w11@-0.12;

      s3w@0
      s3w WITH iw@0;
      s3w WITH s1w@0;
      s3w WITH s2w@0;

      s2w@0
      s2w WITH iw@0;
      s2w WITH s1w@0;
      s2w WITH s3w@0;

      %c#1%
      [w1-w11@0 iw* s1w* s2w* s3w*];

      [iw](c1p1);
      [s1w](c1p2);
      [s2w](c1p3);
      [s3w](c1p4);

      w1-w11 (c1wr1-c1wr11);

      w1 WITH w2 (c1w11);
      w2 WITH w3 (c1w12);
```

```
    w3 WITH w4 (c1w13);
    w4 WITH w5 (c1w14);
    w5 WITH w6 (c1w15);
    w6 WITH w7 (c1w16);
    w7 WITH w8 (c1w17);
    w8 WITH w9 (c1w18);
    w9 WITH w10 (c1w19);
    w10 WITH w11 (c1w110);
    w1 WITH w3 (c1w21);
    w2 WITH w4 (c1w22);
    w3 WITH w5 (c1w23);
    w4 WITH w6 (c1w24);
    w5 WITH w7 (c1w25);
    w6 WITH w8 (c1w26);
    w7 WITH w9 (c1w27);
    w8 WITH w10 (c1w28);
    w9 WITH w11 (c1w29);

    %c#2%
    [w1-w11@0 iw* s1w* s2w* s3w*];

    [iw](c2p1);
    [s1w](c2p2);
    [s2w](c2p3);
    [s3w](c2p4);

    w1-w11 (c2wr1-c2wr11);

    w1 WITH w2 (c2w11);
    w2 WITH w3 (c2w12);
    w3 WITH w4 (c2w13);
    w4 WITH w5 (c2w14);
    w5 WITH w6 (c2w15);
    w6 WITH w7 (c2w16);
    w7 WITH w8 (c2w17);
    w8 WITH w9 (c2w18);
    w9 WITH w10 (c2w19);
    w10 WITH w11 (c2w110);
    w1 WITH w3 (c2w21);
    w2 WITH w4 (c2w22);
    w3 WITH w5 (c2w23);
    w4 WITH w6 (c2w24);
    w5 WITH w7 (c2w25);
    w6 WITH w8 (c2w26);
    w7 WITH w9 (c2w27);
    w8 WITH w10 (c2w28);
    w9 WITH w11 (c2w29);

    %c#3%
    [w1-w11@0 iw* s1w* s2w* s3w*];

    [iw](c3p1);
    [s1w](c3p2);
    [s2w](c3p3);
    [s3w](c3p4);

    w1-w11 (c3wr1-c3wr11);

    w1 WITH w2 (c3w11);
    w2 WITH w3 (c3w12);
    w3 WITH w4 (c3w13);
    w4 WITH w5 (c3w14);
    w5 WITH w6 (c3w15);
    w6 WITH w7 (c3w16);
    w7 WITH w8 (c3w17);
    w8 WITH w9 (c3w18);
    w9 WITH w10 (c3w19);
    w10 WITH w11 (c3w110);
```

```
        w1 WITH w3 (c3w21);
        w2 WITH w4 (c3w22);
        w3 WITH w5 (c3w23);
        w4 WITH w6 (c3w24);
        w5 WITH w7 (c3w25);
        w6 WITH w8 (c3w26);
        w7 WITH w9 (c3w27);
        w8 WITH w10 (c3w28);
        w9 WITH w11 (c3w29);

        %c#4%
        [w1-w11@0 iw* s1w* s2w* s3w*];

        [iw](c4p1);
        [s1w](c4p2);
        [s2w](c4p3);
        [s3w](c4p4);

        w1-w11 (c4wr1-c4wr11);

        w1 WITH w2 (c4w11);
        w2 WITH w3 (c4w12);
        w3 WITH w4 (c4w13);
        w4 WITH w5 (c4w14);
        w5 WITH w6 (c4w15);
        w6 WITH w7 (c4w16);
        w7 WITH w8 (c4w17);
        w8 WITH w9 (c4w18);
        w9 WITH w10 (c4w19);
        w10 WITH w11 (c4w110);
        w1 WITH w3 (c4w21);
        w2 WITH w4 (c4w22);
        w3 WITH w5 (c4w23);
        w4 WITH w6 (c4w24);
        w5 WITH w7 (c4w25);
        w6 WITH w8 (c4w26);
        w7 WITH w9 (c4w27);
        w8 WITH w10 (c4w28);
        w9 WITH w11 (c4w29);

        %c#5%
        [w1-w11@0 iw* s1w* s2w* s3w*];

        [iw](c5p1);
        [s1w](c5p2);
        [s2w](c5p3);
        [s3w](c5p4);

        w1-w11 (c5wr1-c5wr11);

        w1 WITH w2 (c5w11);
        w2 WITH w3 (c5w12);
        w3 WITH w4 (c5w13);
        w4 WITH w5 (c5w14);
        w5 WITH w6 (c5w15);
        w6 WITH w7 (c5w16);
        w7 WITH w8 (c5w17);
        w8 WITH w9 (c5w18);
        w9 WITH w10 (c5w19);
        w10 WITH w11 (c5w110);
        w1 WITH w3 (c5w21);
        w2 WITH w4 (c5w22);
        w3 WITH w5 (c5w23);
        w4 WITH w6 (c5w24);
        w5 WITH w7 (c5w25);
        w6 WITH w8 (c5w26);
        w7 WITH w9 (c5w27);
        w8 WITH w10 (c5w28);
```

```
     w9 WITH w11 (c5w29);

     MODEL CONSTRAINT:
     NEW (corr1);
     NEW (corr2);

     c1w11 = sqrt(c1wr1)*sqrt(c1wr2)*corr1;
     c1w12 = sqrt(c1wr2)*sqrt(c1wr3)*corr1;
     c1w13 = sqrt(c1wr3)*sqrt(c1wr4)*corr1;
     c1w14 = sqrt(c1wr4)*sqrt(c1wr5)*corr1;
     c1w15 = sqrt(c1wr5)*sqrt(c1wr6)*corr1;
     c1w16 = sqrt(c1wr6)*sqrt(c1wr7)*corr1;
     c1w17 = sqrt(c1wr7)*sqrt(c1wr8)*corr1;
     c1w18 = sqrt(c1wr8)*sqrt(c1wr9)*corr1;
     c1w19 = sqrt(c1wr9)*sqrt(c1wr10)*corr1;
     c1w110 = sqrt(c1wr10)*sqrt(c1wr11)*corr1;

     c1w21 = sqrt(c1wr1)*sqrt(c1wr3)*corr2;
     c1w22 = sqrt(c1wr2)*sqrt(c1wr4)*corr2;
     c1w23 = sqrt(c1wr3)*sqrt(c1wr5)*corr2;
     c1w24 = sqrt(c1wr4)*sqrt(c1wr6)*corr2;
     c1w25 = sqrt(c1wr5)*sqrt(c1wr7)*corr2;
     c1w26 = sqrt(c1wr6)*sqrt(c1wr8)*corr2;
     c1w27 = sqrt(c1wr7)*sqrt(c1wr9)*corr2;
     c1w28 = sqrt(c1wr8)*sqrt(c1wr10)*corr2;
     c1w29 = sqrt(c1wr9)*sqrt(c1wr11)*corr2;

     c2w11 = sqrt(c2wr1)*sqrt(c2wr2)*corr1;
     c2w12 = sqrt(c2wr2)*sqrt(c2wr3)*corr1;
     c2w13 = sqrt(c2wr3)*sqrt(c2wr4)*corr1;
     c2w14 = sqrt(c2wr4)*sqrt(c2wr5)*corr1;
     c2w15 = sqrt(c2wr5)*sqrt(c2wr6)*corr1;
     c2w16 = sqrt(c2wr6)*sqrt(c2wr7)*corr1;
     c2w17 = sqrt(c2wr7)*sqrt(c2wr8)*corr1;
     c2w18 = sqrt(c2wr8)*sqrt(c2wr9)*corr1;
     c2w19 = sqrt(c2wr9)*sqrt(c2wr10)*corr1;
     c2w110 = sqrt(c2wr10)*sqrt(c2wr11)*corr1;

     c2w21 = sqrt(c2wr1)*sqrt(c2wr3)*corr2;
     c2w22 = sqrt(c2wr2)*sqrt(c2wr4)*corr2;
     c2w23 = sqrt(c2wr3)*sqrt(c2wr5)*corr2;
     c2w24 = sqrt(c2wr4)*sqrt(c2wr6)*corr2;
     c2w25 = sqrt(c2wr5)*sqrt(c2wr7)*corr2;
     c2w26 = sqrt(c2wr6)*sqrt(c2wr8)*corr2;
     c2w27 = sqrt(c2wr7)*sqrt(c2wr9)*corr2;
     c2w28 = sqrt(c2wr8)*sqrt(c2wr10)*corr2;
     c2w29 = sqrt(c2wr9)*sqrt(c2wr11)*corr2;

     c3w11 = sqrt(c3wr1)*sqrt(c3wr2)*corr1;
     c3w12 = sqrt(c3wr2)*sqrt(c3wr3)*corr1;
     c3w13 = sqrt(c3wr3)*sqrt(c3wr4)*corr1;
     c3w14 = sqrt(c3wr4)*sqrt(c3wr5)*corr1;
     c3w15 = sqrt(c3wr5)*sqrt(c3wr6)*corr1;
     c3w16 = sqrt(c3wr6)*sqrt(c3wr7)*corr1;
     c3w17 = sqrt(c3wr7)*sqrt(c3wr8)*corr1;
     c3w18 = sqrt(c3wr8)*sqrt(c3wr9)*corr1;
     c3w19 = sqrt(c3wr9)*sqrt(c3wr10)*corr1;
     c3w110 = sqrt(c3wr10)*sqrt(c3wr11)*corr1;

     c3w21 = sqrt(c3wr1)*sqrt(c3wr3)*corr2;
     c3w22 = sqrt(c3wr2)*sqrt(c3wr4)*corr2;
     c3w23 = sqrt(c3wr3)*sqrt(c3wr5)*corr2;
     c3w24 = sqrt(c3wr4)*sqrt(c3wr6)*corr2;
     c3w25 = sqrt(c3wr5)*sqrt(c3wr7)*corr2;
     c3w26 = sqrt(c3wr6)*sqrt(c3wr8)*corr2;
     c3w27 = sqrt(c3wr7)*sqrt(c3wr9)*corr2;
     c3w28 = sqrt(c3wr8)*sqrt(c3wr10)*corr2;
     c3w29 = sqrt(c3wr9)*sqrt(c3wr11)*corr2;
```

```
        c4w11 = sqrt(c4wr1)*sqrt(c4wr2)*corr1;
        c4w12 = sqrt(c4wr2)*sqrt(c4wr3)*corr1;
        c4w13 = sqrt(c4wr3)*sqrt(c4wr4)*corr1;
        c4w14 = sqrt(c4wr4)*sqrt(c4wr5)*corr1;
        c4w15 = sqrt(c4wr5)*sqrt(c4wr6)*corr1;
        c4w16 = sqrt(c4wr6)*sqrt(c4wr7)*corr1;
        c4w17 = sqrt(c4wr7)*sqrt(c4wr8)*corr1;
        c4w18 = sqrt(c4wr8)*sqrt(c4wr9)*corr1;
        c4w19 = sqrt(c4wr9)*sqrt(c4wr10)*corr1;
        c4w110 = sqrt(c4wr10)*sqrt(c4wr11)*corr1;

        c4w21 = sqrt(c4wr1)*sqrt(c4wr3)*corr2;
        c4w22 = sqrt(c4wr2)*sqrt(c4wr4)*corr2;
        c4w23 = sqrt(c4wr3)*sqrt(c4wr5)*corr2;
        c4w24 = sqrt(c4wr4)*sqrt(c4wr6)*corr2;
        c4w25 = sqrt(c4wr5)*sqrt(c4wr7)*corr2;
        c4w26 = sqrt(c4wr6)*sqrt(c4wr8)*corr2;
        c4w27 = sqrt(c4wr7)*sqrt(c4wr9)*corr2;
        c4w28 = sqrt(c4wr8)*sqrt(c4wr10)*corr2;
        c4w29 = sqrt(c4wr9)*sqrt(c4wr11)*corr2;

        c5w11 = sqrt(c5wr1)*sqrt(c5wr2)*corr1;
        c5w12 = sqrt(c5wr2)*sqrt(c5wr3)*corr1;
        c5w13 = sqrt(c5wr3)*sqrt(c5wr4)*corr1;
        c5w14 = sqrt(c5wr4)*sqrt(c5wr5)*corr1;
        c5w15 = sqrt(c5wr5)*sqrt(c5wr6)*corr1;
        c5w16 = sqrt(c5wr6)*sqrt(c5wr7)*corr1;
        c5w17 = sqrt(c5wr7)*sqrt(c5wr8)*corr1;
        c5w18 = sqrt(c5wr8)*sqrt(c5wr9)*corr1;
        c5w19 = sqrt(c5wr9)*sqrt(c5wr10)*corr1;
        c5w110 = sqrt(c5wr10)*sqrt(c5wr11)*corr1;

        c5w21 = sqrt(c5wr1)*sqrt(c5wr3)*corr2;
        c5w22 = sqrt(c5wr2)*sqrt(c5wr4)*corr2;
        c5w23 = sqrt(c5wr3)*sqrt(c5wr5)*corr2;
        c5w24 = sqrt(c5wr4)*sqrt(c5wr6)*corr2;
        c5w25 = sqrt(c5wr5)*sqrt(c5wr7)*corr2;
        c5w26 = sqrt(c5wr6)*sqrt(c5wr8)*corr2;
        c5w27 = sqrt(c5wr7)*sqrt(c5wr9)*corr2;
        c5w28 = sqrt(c5wr8)*sqrt(c5wr10)*corr2;
        c5w29 = sqrt(c5wr9)*sqrt(c5wr11)*corr2;

    OUTPUT: sampstat cinterval STANDARDIZED;

      MODEL CONSTRAINT:
      PLOT(cs1 cs2 cs3 cs4 cs5);
      LOOP(time,0,5,0.001);
      cs1=c1p1+(c1p2*(time-2.6))+(c1p3*((log(time+1))-1.28))+(c1p4*((1/(time+1))-0.28))
;
      cs2=c2p1+(c2p2*(time-2.6))+(c2p3*((log(time+1))-1.28))+(c2p4*((1/(time+1))-0.28))
;
      cs3=c3p1+(c3p2*(time-2.6))+(c3p3*((log(time+1))-1.28))+(c3p4*((1/(time+1))-0.28))
;
      cs4=c4p1+(c4p2*(time-2.6))+(c4p3*((log(time+1))-1.28))+(c4p4*((1/(time+1))-0.28))
;
      cs5=c5p1+(c5p2*(time-2.6))+(c5p3*((log(time+1))-1.28))+(c5p4*((1/(time+1))-0.28))
;

    SAVEDATA:
      FILE IS "wt5.dat";
      SAVE = CPROB;

    PLOT:
      TYPE = PLOT1;
      TYPE = PLOT2;
      TYPE = PLOT3;
      SERIES = w1(0) w2(0.3) w3(0.7) w4(1) w5(1.5)
```

```
     w6(2.1) w7(2.6) w8(3.1) w9(3.6) w10(4.1) w11(5.2);
```

INPUT READING TERMINATED NORMALLY

wreed_ar;

SUMMARY OF ANALYSIS

```
Number of groups                                                   1
Number of observations                                          1390

Number of dependent variables                                     11
Number of independent variables                                    0
Number of continuous latent variables                              4
Number of categorical latent variables                             1
```

Observed dependent variables

```
  Continuous
   W1          W2          W3          W4          W5          W6
   W7          W8          W9          W10         W11
```

Continuous latent variables
```
   IW          S1W         S2W         S3W
```

Categorical latent variables
```
   C
```

Variables with special functions

```
  ID variable             ID
```

```
Estimator                                                        MLR
Information matrix                                          OBSERVED
Optimization Specifications for the Quasi-Newton Algorithm for
Continuous Outcomes
  Maximum number of iterations                                   100
  Convergence criterion                                    0.100D-05
Optimization Specifications for the EM Algorithm
  Maximum number of iterations                                   500
  Convergence criteria
    Loglikelihood change                                   0.100D-02
    Relative loglikelihood change                          0.100D-05
    Derivative                                             0.100D-02
Optimization Specifications for the M step of the EM Algorithm for
Categorical Latent variables
  Number of M step iterations                                      1
  M step convergence criterion                             0.100D-02
  Basis for M step termination                             ITERATION
Optimization Specifications for the M step of the EM Algorithm for
Censored, Binary or Ordered Categorical (Ordinal), Unordered
Categorical (Nominal) and Count Outcomes
  Number of M step iterations                                      1
  M step convergence criterion                             0.100D-02
  Basis for M step termination                             ITERATION
  Maximum value for logit thresholds                              15
  Minimum value for logit thresholds                             -15
  Minimum expected cell size for chi-square                0.100D-01
Maximum number of iterations for H1                             2000
Convergence criterion for H1                               0.100D-03
Optimization algorithm                                           EMA
Integration Specifications
  Type                                                    MONTECARLO
  Number of integration points                                     1
```

```
  Dimensions of numerical integration                          0
  Adaptive quadrature                                         ON
  Monte Carlo integration seed                                 0
Random Starts Specifications
  Number of initial stage random starts                   500000
  Number of final stage optimizations                      50000
  Number of initial stage iterations                          20
  Initial stage convergence criterion                  0.100D+01
  Random starts scale                                  0.500D+01
  Random seed for generating random starts                     0
Cholesky                                                    OFF

Input data file(s)
  mplusdata.txt
Input data format  FREE
```

SUMMARY OF DATA

```
      Number of missing data patterns          203
      Number of y missing data patterns        203
      Number of u missing data patterns          0
```

COVARIANCE COVERAGE OF DATA

Minimum covariance coverage value   0.100

PROPORTION OF DATA PRESENT FOR Y

Covariance Coverage

	W1	W2	W3	W4	W5
W1	0.992				
W2	0.702	0.707			
W3	0.910	0.629	0.918		
W4	0.864	0.609	0.837	0.870	
W5	0.806	0.563	0.789	0.769	0.812
W6	0.776	0.550	0.763	0.750	0.732
W7	0.779	0.559	0.752	0.742	0.724
W8	0.740	0.527	0.718	0.709	0.691
W9	0.737	0.524	0.717	0.708	0.690
W10	0.714	0.507	0.696	0.686	0.665
W11	0.686	0.496	0.668	0.656	0.642

Covariance Coverage

	W6	W7	W8	W9	W10
W6	0.783				
W7	0.722	0.786			
W8	0.689	0.704	0.746		
W9	0.679	0.695	0.682	0.743	
W10	0.665	0.673	0.669	0.681	0.719
W11	0.632	0.647	0.638	0.646	0.644

Covariance Coverage

	W11
W11	0.691

SAMPLE STATISTICS

ESTIMATED SAMPLE STATISTICS

Means

W1	W2	W3	W4	W5
3.456	6.619	8.832	10.199	11.436

Means

W6	W7	W8	W9	W10
12.724	14.025	15.115	16.301	17.307

Means

W11
19.661

Covariances

	W1	W2	W3	W4	W5
W1	0.264				
W2	0.223	0.630			
W3	0.222	0.695	1.081		
W4	0.228	0.698	1.100	1.343	
W5	0.245	0.708	1.115	1.388	1.654
W6	0.276	0.756	1.173	1.463	1.744
W7	0.298	0.813	1.261	1.580	1.899
W8	0.309	0.839	1.299	1.649	1.983
W9	0.327	0.882	1.330	1.691	2.040
W10	0.360	0.934	1.439	1.843	2.220
W11	0.406	1.061	1.633	2.105	2.534

Covariances

	W6	W7	W8	W9	W10
W6	2.154				
W7	2.315	2.779			
W8	2.459	2.911	3.331		
W9	2.533	3.024	3.416	3.840	
W10	2.762	3.303	3.765	4.141	4.840
W11	3.200	3.855	4.424	4.929	5.746

Covariances

	W11
W11	7.625

Correlations

	W1	W2	W3	W4	W5
W1	1.000				
W2	0.546	1.000			
W3	0.415	0.842	1.000		
W4	0.382	0.758	0.913	1.000	
W5	0.370	0.694	0.834	0.931	1.000
W6	0.366	0.649	0.769	0.860	0.924
W7	0.348	0.614	0.727	0.818	0.886
W8	0.329	0.579	0.685	0.780	0.845
W9	0.324	0.567	0.653	0.744	0.810
W10	0.319	0.535	0.629	0.723	0.785
W11	0.286	0.484	0.569	0.658	0.714

```
          Correlations
              W6          W7          W8          W9          W10
           _____    _____    _____    _____    _____
W6            1.000
W7            0.946       1.000
W8            0.918       0.957       1.000
W9            0.881       0.926       0.955       1.000
W10           0.855       0.901       0.938       0.961       1.000
W11           0.790       0.837       0.878       0.911       0.946


          Correlations
              W11
           _____
W11           1.000
```

MAXIMUM LOG-LIKELIHOOD VALUE FOR THE UNRESTRICTED (H1) MODEL IS -10669.559

UNIVARIATE SAMPLE STATISTICS

   UNIVARIATE HIGHER-ORDER MOMENT DESCRIPTIVE STATISTICS

Variable/ Sample Size	Mean/ Variance	Skewness/ Kurtosis	Minimum/ Maximum	% with Min/Max	20%/60%	40%/80%	Percentiles Median
W1	3.456	-0.019	1.075	0.07%	3.060	3.320	3.460
	0.264	0.687	5.250	0.07%	3.550	3.860	
W2	6.608	0.245	4.480	0.10%	5.960	6.390	6.550
	0.594	0.099	9.930	0.10%	6.780	7.260	
W3	8.838	0.374	5.420	0.08%	8.000	8.520	8.790
	1.065	0.646	12.900	0.08%	9.020	9.660	
W4	10.201	0.399	6.360	0.08%	9.260	9.860	10.150
	1.318	0.690	15.250	0.08%	10.400	11.100	
W5	11.443	0.331	6.900	0.09%	10.420	11.080	11.380
	1.600	0.739	17.500	0.09%	11.680	12.460	
W6	12.730	0.559	8.500	0.09%	11.500	12.300	12.600
	2.104	1.245	20.100	0.09%	13.000	13.900	
W7	14.026	0.740	9.400	0.09%	12.600	13.500	13.900
	2.725	2.173	23.600	0.09%	14.300	15.400	
W8	15.120	0.742	10.400	0.10%	13.700	14.600	15.000
	3.180	2.713	27.600	0.10%	15.300	16.500	
W9	16.293	0.735	10.600	0.10%	14.700	15.700	16.100
	3.703	1.998	27.500	0.10%	16.600	17.700	

W10		17.331	0.862	11.500	0.10%	15.500	16.60
0	17.100						
	1000.000	4.727	2.412	29.400	0.10%	17.700	18.90
0							
W11		19.604	1.195	13.000	0.21%	17.400	18.70
0	19.200						
	961.000	7.397	3.460	35.600	0.10%	19.800	21.50
0							

RANDOM STARTS RESULTS RANKED FROM THE BEST TO THE WORST LOGLIKELIHOOD VALUES

497083 perturbed starting value run(s) did not converge.
Final stage loglikelihood values at local maxima, seeds, and initial stage start number
s:

```
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        -10758.837   361585           410254
        -10758.837   352576           9565
        -10758.841   189661           372058
        -10758.845   86069            162195
        -10758.845   86069            166775
        -10759.113   320290           122406
        -10762.945   293676           359992
        -10762.946   7482             74072
        -10762.948   990608           18993
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        -10762.949   543071           76286
        -10762.949   531323           89839
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        -10762.950   985248           477574
        -10762.950   985248           171544
        -10762.951   125541           324493
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        -10762.952   850175           455780
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49106 perturbed starting value run(s) did not converge.

THE BEST LOGLIKELIHOOD VALUE HAS BEEN REPLICATED. RERUN WITH AT LEAST TWICE THE
RANDOM STARTS TO CHECK THAT THE BEST LOGLIKELIHOOD IS STILL OBTAINED AND REPLICATED.

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters   84

Loglikelihood

        H0 Value   -10758.322
        H0 Scaling Correction Factor   1.5388
          for MLR

Information Criteria

        Akaike (AIC)   21684.643
        Bayesian (BIC)   22124.556
        Sample-Size Adjusted BIC   21857.720
          (n* = (n + 2) / 24)

FINAL CLASS COUNTS AND PROPORTIONS FOR THE LATENT CLASSES
BASED ON THE ESTIMATED MODEL

    Latent
   Classes

        1   125.44173   0.09025
        2   348.37123   0.25063
        3   50.09904   0.03604
        4   301.85245   0.21716
```

```
     5          564.23555               0.40592
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FINAL CLASS COUNTS AND PROPORTIONS FOR THE LATENT CLASSES
BASED ON ESTIMATED POSTERIOR PROBABILITIES

```
     Latent
    Classes

       1          125.44172               0.09025
       2          348.37124               0.25063
       3           50.09903               0.03604
       4          301.85245               0.21716
       5          564.23556               0.40592
```

FINAL CLASS COUNTS AND PROPORTIONS FOR THE LATENT CLASSES
BASED ON THEIR MOST LIKELY LATENT CLASS MEMBERSHIP

Class Counts and Proportions

```
     Latent
    Classes

       1                 99               0.07122
       2                337               0.24245
       3                 41               0.02950
       4                286               0.20576
       5                627               0.45108
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CLASSIFICATION QUALITY

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     Entropy                          0.658
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Average Latent Class Probabilities for Most Likely Latent Class Membership (Row)
by Latent Class (Column)

```
            1        2        3        4        5

    1    0.841    0.012    0.012    0.077    0.059
    2    0.007    0.797    0.020    0.007    0.169
    3    0.035    0.057    0.883    0.000    0.023
    4    0.090    0.004    0.001    0.786    0.120
    5    0.021    0.120    0.009    0.107    0.744
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Classification Probabilities for the Most Likely Latent Class Membership (Column)
by Latent Class (Row)

```
            1        2        3        4        5

    1    0.663    0.018    0.012    0.204    0.103
    2    0.003    0.771    0.007    0.003    0.216
    3    0.023    0.137    0.723    0.006    0.111
    4    0.025    0.007    0.000    0.745    0.223
    5    0.010    0.101    0.002    0.061    0.826
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Logits for the Classification Probabilities for the Most Likely Latent Class Membership
 (Column)
by Latent Class (Row)

```
             1        2        3        4        5

    1      1.867   -1.742   -2.183    0.689    0.000
    2     -4.168    1.273   -3.464   -4.223    0.000
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3    -1.575    0.204    1.870   -2.956    0.000
4    -2.172   -3.409   -8.168    1.208    0.000
5    -4.387   -2.100   -6.186   -2.613    0.000
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MODEL RESULTS

		Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
Latent Class 1					
IW	BY				
W1		1.000	0.000	999.000	999.000
W2		1.000	0.000	999.000	999.000
W3		1.000	0.000	999.000	999.000
W4		1.000	0.000	999.000	999.000
W5		1.000	0.000	999.000	999.000
W6		1.000	0.000	999.000	999.000
W7		1.000	0.000	999.000	999.000
W8		1.000	0.000	999.000	999.000
W9		1.000	0.000	999.000	999.000
W10		1.000	0.000	999.000	999.000
W11		1.000	0.000	999.000	999.000
S1W	BY				
W1		-2.600	0.000	999.000	999.000
W2		-2.300	0.000	999.000	999.000
W3		-1.900	0.000	999.000	999.000
W4		-1.600	0.000	999.000	999.000
W5		-1.100	0.000	999.000	999.000
W6		-0.500	0.000	999.000	999.000
W7		0.000	0.000	999.000	999.000
W8		0.500	0.000	999.000	999.000
W9		1.000	0.000	999.000	999.000
W10		1.500	0.000	999.000	999.000
W11		2.600	0.000	999.000	999.000
S2W	BY				
W1		-1.280	0.000	999.000	999.000
W2		-1.020	0.000	999.000	999.000
W3		-0.750	0.000	999.000	999.000
W4		-0.590	0.000	999.000	999.000
W5		-0.360	0.000	999.000	999.000
W6		-0.150	0.000	999.000	999.000
W7		0.000	0.000	999.000	999.000
W8		0.130	0.000	999.000	999.000
W9		0.250	0.000	999.000	999.000
W10		0.350	0.000	999.000	999.000
W11		0.540	0.000	999.000	999.000
S3W	BY				
W1		0.720	0.000	999.000	999.000
W2		0.490	0.000	999.000	999.000
W3		0.310	0.000	999.000	999.000
W4		0.220	0.000	999.000	999.000
W5		0.120	0.000	999.000	999.000
W6		0.040	0.000	999.000	999.000
W7		0.000	0.000	999.000	999.000
W8		-0.040	0.000	999.000	999.000
W9		-0.060	0.000	999.000	999.000
W10		-0.080	0.000	999.000	999.000
W11		-0.120	0.000	999.000	999.000
S3W	WITH				
IW		0.000	0.000	999.000	999.000
S1W		0.000	0.000	999.000	999.000
S2W		0.000	0.000	999.000	999.000

```
S2W        WITH
    IW                      0.000      0.000    999.000    999.000
    S1W                     0.000      0.000    999.000    999.000

S1W        WITH
    IW                      0.439      0.031     14.239      0.000

W1         WITH
    W2                      0.141      0.025      5.648      0.000
    W3                      0.077      0.014      5.709      0.000

W2         WITH
    W3                      0.273      0.048      5.642      0.000
    W4                      0.095      0.018      5.253      0.000

W3         WITH
    W4                      0.291      0.060      4.878      0.000
    W5                      0.122      0.024      5.167      0.000

W4         WITH
    W5                      0.238      0.046      5.177      0.000
    W6                      0.108      0.025      4.347      0.000

W5         WITH
    W6                      0.252      0.058      4.320      0.000
    W7                      0.136      0.030      4.477      0.000

W6         WITH
    W7                      0.342      0.083      4.124      0.000
    W8                      0.125      0.036      3.528      0.000

W7         WITH
    W8                      0.374      0.091      4.115      0.000
    W9                      0.191      0.044      4.313      0.000

W8         WITH
    W9                      0.388      0.079      4.892      0.000
    W10                     0.143      0.032      4.443      0.000

W9         WITH
    W10                     0.405      0.086      4.709      0.000
    W11                     0.328      0.066      4.962      0.000

W10        WITH
    W11                     0.671      0.128      5.253      0.000

Means
    IW                     15.759      0.374     42.139      0.000
    S1W                     5.158      0.464     11.123      0.000
    S2W                   -17.376      2.326     -7.472      0.000
    S3W                   -29.357      2.712    -10.824      0.000

Intercepts
    W1                      0.000      0.000    999.000    999.000
    W2                      0.000      0.000    999.000    999.000
    W3                      0.000      0.000    999.000    999.000
    W4                      0.000      0.000    999.000    999.000
    W5                      0.000      0.000    999.000    999.000
    W6                      0.000      0.000    999.000    999.000
    W7                      0.000      0.000    999.000    999.000
    W8                      0.000      0.000    999.000    999.000
    W9                      0.000      0.000    999.000    999.000
    W10                     0.000      0.000    999.000    999.000
    W11                     0.000      0.000    999.000    999.000

Variances
    IW                      1.445      0.096     15.071      0.000
```

S1W	0.144	0.010	14.548	0.000
S2W	0.000	0.000	999.000	999.000
S3W	0.000	0.000	999.000	999.000

 Residual Variances

W1	0.213	0.053	4.021	0.000
W2	0.480	0.095	5.050	0.000
W3	0.804	0.177	4.550	0.000
W4	0.545	0.129	4.222	0.000
W5	0.536	0.121	4.441	0.000
W6	0.614	0.198	3.100	0.002
W7	0.985	0.264	3.734	0.000
W8	0.735	0.212	3.471	0.001
W9	1.060	0.297	3.568	0.000
W10	0.799	0.191	4.188	0.000
W11	2.909	0.694	4.189	0.000

Latent Class 2

 IW   BY

W1	1.000	0.000	999.000	999.000
W2	1.000	0.000	999.000	999.000
W3	1.000	0.000	999.000	999.000
W4	1.000	0.000	999.000	999.000
W5	1.000	0.000	999.000	999.000
W6	1.000	0.000	999.000	999.000
W7	1.000	0.000	999.000	999.000
W8	1.000	0.000	999.000	999.000
W9	1.000	0.000	999.000	999.000
W10	1.000	0.000	999.000	999.000
W11	1.000	0.000	999.000	999.000

 S1W   BY

W1	-2.600	0.000	999.000	999.000
W2	-2.300	0.000	999.000	999.000
W3	-1.900	0.000	999.000	999.000
W4	-1.600	0.000	999.000	999.000
W5	-1.100	0.000	999.000	999.000
W6	-0.500	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.500	0.000	999.000	999.000
W9	1.000	0.000	999.000	999.000
W10	1.500	0.000	999.000	999.000
W11	2.600	0.000	999.000	999.000

 S2W   BY

W1	-1.280	0.000	999.000	999.000
W2	-1.020	0.000	999.000	999.000
W3	-0.750	0.000	999.000	999.000
W4	-0.590	0.000	999.000	999.000
W5	-0.360	0.000	999.000	999.000
W6	-0.150	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.130	0.000	999.000	999.000
W9	0.250	0.000	999.000	999.000
W10	0.350	0.000	999.000	999.000
W11	0.540	0.000	999.000	999.000

 S3W   BY

W1	0.720	0.000	999.000	999.000
W2	0.490	0.000	999.000	999.000
W3	0.310	0.000	999.000	999.000
W4	0.220	0.000	999.000	999.000
W5	0.120	0.000	999.000	999.000
W6	0.040	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	-0.040	0.000	999.000	999.000
W9	-0.060	0.000	999.000	999.000

W10		-0.080	0.000	999.000	999.000
W11		-0.120	0.000	999.000	999.000
S3W	WITH				
IW		0.000	0.000	999.000	999.000
S1W		0.000	0.000	999.000	999.000
S2W		0.000	0.000	999.000	999.000
S2W	WITH				
IW		0.000	0.000	999.000	999.000
S1W		0.000	0.000	999.000	999.000
S1W	WITH				
IW		0.439	0.031	14.239	0.000
W1	WITH				
W2		0.069	0.010	7.069	0.000
W3		0.028	0.005	6.084	0.000
W2	WITH				
W3		0.072	0.011	6.320	0.000
W4		0.028	0.006	4.729	0.000
W3	WITH				
W4		0.065	0.010	6.388	0.000
W5		0.032	0.006	5.252	0.000
W4	WITH				
W5		0.069	0.014	5.048	0.000
W6		0.031	0.006	4.810	0.000
W5	WITH				
W6		0.084	0.016	5.168	0.000
W7		0.030	0.008	4.009	0.000
W6	WITH				
W7		0.075	0.015	5.005	0.000
W8		0.033	0.009	3.584	0.000
W7	WITH				
W8		0.066	0.015	4.308	0.000
W9		0.029	0.007	4.145	0.000
W8	WITH				
W9		0.070	0.010	7.298	0.000
W10		0.029	0.005	5.780	0.000
W9	WITH				
W10		0.070	0.014	5.146	0.000
W11		0.056	0.024	2.372	0.018
W10	WITH				
W11		0.129	0.056	2.298	0.022
Means					
IW		12.988	0.238	54.493	0.000
S1W		2.454	0.520	4.722	0.000
S2W		-4.727	2.229	-2.121	0.034
S3W		-12.772	1.964	-6.502	0.000
Intercepts					
W1		0.000	0.000	999.000	999.000
W2		0.000	0.000	999.000	999.000
W3		0.000	0.000	999.000	999.000
W4		0.000	0.000	999.000	999.000
W5		0.000	0.000	999.000	999.000
W6		0.000	0.000	999.000	999.000
W7		0.000	0.000	999.000	999.000

W8	0.000	0.000	999.000	999.000
W9	0.000	0.000	999.000	999.000
W10	0.000	0.000	999.000	999.000
W11	0.000	0.000	999.000	999.000

Variances
IW	1.445	0.096	15.071	0.000
S1W	0.144	0.010	14.548	0.000
S2W	0.000	0.000	999.000	999.000
S3W	0.000	0.000	999.000	999.000

Residual Variances
W1	0.145	0.037	3.898	0.000
W2	0.169	0.036	4.725	0.000
W3	0.159	0.026	6.199	0.000
W4	0.137	0.029	4.787	0.000
W5	0.181	0.041	4.465	0.000
W6	0.202	0.046	4.370	0.000
W7	0.144	0.045	3.199	0.001
W8	0.157	0.050	3.152	0.002
W9	0.163	0.036	4.455	0.000
W10	0.156	0.032	4.841	0.000
W11	0.552	0.392	1.410	0.159

Latent Class 3

IW   BY
W1	1.000	0.000	999.000	999.000
W2	1.000	0.000	999.000	999.000
W3	1.000	0.000	999.000	999.000
W4	1.000	0.000	999.000	999.000
W5	1.000	0.000	999.000	999.000
W6	1.000	0.000	999.000	999.000
W7	1.000	0.000	999.000	999.000
W8	1.000	0.000	999.000	999.000
W9	1.000	0.000	999.000	999.000
W10	1.000	0.000	999.000	999.000
W11	1.000	0.000	999.000	999.000

S1W   BY
W1	-2.600	0.000	999.000	999.000
W2	-2.300	0.000	999.000	999.000
W3	-1.900	0.000	999.000	999.000
W4	-1.600	0.000	999.000	999.000
W5	-1.100	0.000	999.000	999.000
W6	-0.500	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.500	0.000	999.000	999.000
W9	1.000	0.000	999.000	999.000
W10	1.500	0.000	999.000	999.000
W11	2.600	0.000	999.000	999.000

S2W   BY
W1	-1.280	0.000	999.000	999.000
W2	-1.020	0.000	999.000	999.000
W3	-0.750	0.000	999.000	999.000
W4	-0.590	0.000	999.000	999.000
W5	-0.360	0.000	999.000	999.000
W6	-0.150	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.130	0.000	999.000	999.000
W9	0.250	0.000	999.000	999.000
W10	0.350	0.000	999.000	999.000
W11	0.540	0.000	999.000	999.000

S3W   BY
W1	0.720	0.000	999.000	999.000
W2	0.490	0.000	999.000	999.000

	W3	0.310	0.000	999.000	999.000
	W4	0.220	0.000	999.000	999.000
	W5	0.120	0.000	999.000	999.000
	W6	0.040	0.000	999.000	999.000
	W7	0.000	0.000	999.000	999.000
	W8	-0.040	0.000	999.000	999.000
	W9	-0.060	0.000	999.000	999.000
	W10	-0.080	0.000	999.000	999.000
	W11	-0.120	0.000	999.000	999.000
S3W	WITH				
	IW	0.000	0.000	999.000	999.000
	S1W	0.000	0.000	999.000	999.000
	S2W	0.000	0.000	999.000	999.000
S2W	WITH				
	IW	0.000	0.000	999.000	999.000
	S1W	0.000	0.000	999.000	999.000
S1W	WITH				
	IW	0.439	0.031	14.239	0.000
W1	WITH				
	W2	0.047	0.012	4.003	0.000
	W3	0.030	0.006	4.853	0.000
W2	WITH				
	W3	0.052	0.013	4.011	0.000
	W4	0.023	0.006	3.834	0.000
W3	WITH				
	W4	0.083	0.019	4.414	0.000
	W5	0.041	0.011	3.628	0.000
W4	WITH				
	W5	0.100	0.030	3.365	0.001
	W6	0.085	0.029	2.900	0.004
W5	WITH				
	W6	0.233	0.072	3.216	0.001
	W7	0.094	0.027	3.525	0.000
W6	WITH				
	W7	0.450	0.253	1.782	0.075
	W8	0.261	0.141	1.854	0.064
W7	WITH				
	W8	0.588	0.339	1.736	0.082
	W9	0.224	0.114	1.958	0.050
W8	WITH				
	W9	0.722	0.365	1.976	0.048
	W10	0.440	0.216	2.041	0.041
W9	WITH				
	W10	0.931	0.434	2.148	0.032
	W11	0.515	0.200	2.572	0.010
W10	WITH				
	W11	1.746	0.688	2.536	0.011
Means					
	IW	14.570	0.392	37.210	0.000
	S1W	6.056	0.674	8.991	0.000
	S2W	-16.165	2.361	-6.846	0.000
	S3W	-22.257	2.072	-10.739	0.000
Intercepts					

W1	0.000	0.000	999.000	999.000
W2	0.000	0.000	999.000	999.000
W3	0.000	0.000	999.000	999.000
W4	0.000	0.000	999.000	999.000
W5	0.000	0.000	999.000	999.000
W6	0.000	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.000	0.000	999.000	999.000
W9	0.000	0.000	999.000	999.000
W10	0.000	0.000	999.000	999.000
W11	0.000	0.000	999.000	999.000

Variances

IW	1.445	0.096	15.071	0.000
S1W	0.144	0.010	14.548	0.000
S2W	0.000	0.000	999.000	999.000
S3W	0.000	0.000	999.000	999.000

Residual Variances

W1	0.145	0.042	3.456	0.001
W2	0.078	0.028	2.758	0.006
W3	0.182	0.048	3.804	0.000
W4	0.196	0.058	3.402	0.001
W5	0.262	0.097	2.704	0.007
W6	1.070	0.589	1.817	0.069
W7	0.977	0.575	1.701	0.089
W8	1.827	1.031	1.771	0.077
W9	1.472	0.683	2.156	0.031
W10	3.044	1.480	2.057	0.040
W11	5.170	1.732	2.985	0.003

Latent Class 4

IW   BY

W1	1.000	0.000	999.000	999.000
W2	1.000	0.000	999.000	999.000
W3	1.000	0.000	999.000	999.000
W4	1.000	0.000	999.000	999.000
W5	1.000	0.000	999.000	999.000
W6	1.000	0.000	999.000	999.000
W7	1.000	0.000	999.000	999.000
W8	1.000	0.000	999.000	999.000
W9	1.000	0.000	999.000	999.000
W10	1.000	0.000	999.000	999.000
W11	1.000	0.000	999.000	999.000

S1W   BY

W1	-2.600	0.000	999.000	999.000
W2	-2.300	0.000	999.000	999.000
W3	-1.900	0.000	999.000	999.000
W4	-1.600	0.000	999.000	999.000
W5	-1.100	0.000	999.000	999.000
W6	-0.500	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.500	0.000	999.000	999.000
W9	1.000	0.000	999.000	999.000
W10	1.500	0.000	999.000	999.000
W11	2.600	0.000	999.000	999.000

S2W   BY

W1	-1.280	0.000	999.000	999.000
W2	-1.020	0.000	999.000	999.000
W3	-0.750	0.000	999.000	999.000
W4	-0.590	0.000	999.000	999.000
W5	-0.360	0.000	999.000	999.000
W6	-0.150	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.130	0.000	999.000	999.000

W9		0.250	0.000	999.000	999.000
W10		0.350	0.000	999.000	999.000
W11		0.540	0.000	999.000	999.000
S3W	BY				
W1		0.720	0.000	999.000	999.000
W2		0.490	0.000	999.000	999.000
W3		0.310	0.000	999.000	999.000
W4		0.220	0.000	999.000	999.000
W5		0.120	0.000	999.000	999.000
W6		0.040	0.000	999.000	999.000
W7		0.000	0.000	999.000	999.000
W8		-0.040	0.000	999.000	999.000
W9		-0.060	0.000	999.000	999.000
W10		-0.080	0.000	999.000	999.000
W11		-0.120	0.000	999.000	999.000
S3W	WITH				
IW		0.000	0.000	999.000	999.000
S1W		0.000	0.000	999.000	999.000
S2W		0.000	0.000	999.000	999.000
S2W	WITH				
IW		0.000	0.000	999.000	999.000
S1W		0.000	0.000	999.000	999.000
S1W	WITH				
IW		0.439	0.031	14.239	0.000
W1	WITH				
W2		0.097	0.017	5.601	0.000
W3		0.036	0.008	4.583	0.000
W2	WITH				
W3		0.140	0.024	5.850	0.000
W4		0.056	0.009	6.256	0.000
W3	WITH				
W4		0.117	0.017	6.725	0.000
W5		0.044	0.008	5.387	0.000
W4	WITH				
W5		0.098	0.013	7.604	0.000
W6		0.055	0.008	7.195	0.000
W5	WITH				
W6		0.116	0.017	6.949	0.000
W7		0.035	0.005	6.887	0.000
W6	WITH				
W7		0.109	0.018	6.213	0.000
W8		0.045	0.007	6.256	0.000
W7	WITH				
W8		0.075	0.009	8.108	0.000
W9		0.037	0.006	6.023	0.000
W8	WITH				
W9		0.086	0.010	8.230	0.000
W10		0.034	0.005	6.383	0.000
W9	WITH				
W10		0.093	0.019	4.854	0.000
W11		0.060	0.011	5.674	0.000
W10	WITH				
W11		0.131	0.020	6.711	0.000

```
 Means
    IW                       15.044      0.302     49.879      0.000
    S1W                       2.944      0.208     14.174      0.000
    S2W                      -9.671      1.451     -6.664      0.000
    S3W                     -22.517      2.107    -10.687      0.000

 Intercepts
    W1                        0.000      0.000    999.000    999.000
    W2                        0.000      0.000    999.000    999.000
    W3                        0.000      0.000    999.000    999.000
    W4                        0.000      0.000    999.000    999.000
    W5                        0.000      0.000    999.000    999.000
    W6                        0.000      0.000    999.000    999.000
    W7                        0.000      0.000    999.000    999.000
    W8                        0.000      0.000    999.000    999.000
    W9                        0.000      0.000    999.000    999.000
    W10                       0.000      0.000    999.000    999.000
    W11                       0.000      0.000    999.000    999.000

 Variances
    IW                        1.445      0.096     15.071      0.000
    S1W                       0.144      0.010     14.548      0.000
    S2W                       0.000      0.000    999.000    999.000
    S3W                       0.000      0.000    999.000    999.000

 Residual Variances
    W1                        0.135      0.036      3.741      0.000
    W2                        0.360      0.063      5.737      0.000
    W3                        0.283      0.056      5.046      0.000
    W4                        0.249      0.033      7.618      0.000
    W5                        0.198      0.033      6.014      0.000
    W6                        0.351      0.079      4.469      0.000
    W7                        0.174      0.026      6.587      0.000
    W8                        0.168      0.033      5.071      0.000
    W9                        0.228      0.054      4.212      0.000
    W10                       0.194      0.043      4.553      0.000
    W11                       0.459      0.092      4.968      0.000

Latent Class 5

 IW       BY
    W1                        1.000      0.000    999.000    999.000
    W2                        1.000      0.000    999.000    999.000
    W3                        1.000      0.000    999.000    999.000
    W4                        1.000      0.000    999.000    999.000
    W5                        1.000      0.000    999.000    999.000
    W6                        1.000      0.000    999.000    999.000
    W7                        1.000      0.000    999.000    999.000
    W8                        1.000      0.000    999.000    999.000
    W9                        1.000      0.000    999.000    999.000
    W10                       1.000      0.000    999.000    999.000
    W11                       1.000      0.000    999.000    999.000

 S1W      BY
    W1                       -2.600      0.000    999.000    999.000
    W2                       -2.300      0.000    999.000    999.000
    W3                       -1.900      0.000    999.000    999.000
    W4                       -1.600      0.000    999.000    999.000
    W5                       -1.100      0.000    999.000    999.000
    W6                       -0.500      0.000    999.000    999.000
    W7                        0.000      0.000    999.000    999.000
    W8                        0.500      0.000    999.000    999.000
    W9                        1.000      0.000    999.000    999.000
    W10                       1.500      0.000    999.000    999.000
    W11                       2.600      0.000    999.000    999.000

 S2W      BY
    W1                       -1.280      0.000    999.000    999.000
```

W2		-1.020	0.000	999.000	999.000
W3		-0.750	0.000	999.000	999.000
W4		-0.590	0.000	999.000	999.000
W5		-0.360	0.000	999.000	999.000
W6		-0.150	0.000	999.000	999.000
W7		0.000	0.000	999.000	999.000
W8		0.130	0.000	999.000	999.000
W9		0.250	0.000	999.000	999.000
W10		0.350	0.000	999.000	999.000
W11		0.540	0.000	999.000	999.000
S3W	BY				
W1		0.720	0.000	999.000	999.000
W2		0.490	0.000	999.000	999.000
W3		0.310	0.000	999.000	999.000
W4		0.220	0.000	999.000	999.000
W5		0.120	0.000	999.000	999.000
W6		0.040	0.000	999.000	999.000
W7		0.000	0.000	999.000	999.000
W8		-0.040	0.000	999.000	999.000
W9		-0.060	0.000	999.000	999.000
W10		-0.080	0.000	999.000	999.000
W11		-0.120	0.000	999.000	999.000
S3W	WITH				
IW		0.000	0.000	999.000	999.000
S1W		0.000	0.000	999.000	999.000
S2W		0.000	0.000	999.000	999.000
S2W	WITH				
IW		0.000	0.000	999.000	999.000
S1W		0.000	0.000	999.000	999.000
S1W	WITH				
IW		0.439	0.031	14.239	0.000
W1	WITH				
W2		0.069	0.019	3.556	0.000
W3		0.026	0.006	4.472	0.000
W2	WITH				
W3		0.073	0.024	3.076	0.002
W4		0.028	0.008	3.652	0.000
W3	WITH				
W4		0.059	0.015	3.889	0.000
W5		0.024	0.006	3.848	0.000
W4	WITH				
W5		0.052	0.013	4.054	0.000
W6		0.035	0.005	6.670	0.000
W5	WITH				
W6		0.080	0.015	5.385	0.000
W7		0.023	0.005	4.972	0.000
W6	WITH				
W7		0.087	0.012	7.211	0.000
W8		0.046	0.007	6.416	0.000
W7	WITH				
W8		0.072	0.011	6.613	0.000
W9		0.034	0.006	5.408	0.000
W8	WITH				
W9		0.099	0.009	11.001	0.000
W10		0.039	0.005	7.669	0.000

```
W9       WITH
    W10                    0.102      0.014      7.176      0.000
    W11                    0.080      0.028      2.805      0.005

W10      WITH
    W11                    0.173      0.053      3.302      0.001

 Means
    IW                    13.709      0.233     58.880      0.000
    S1W                    3.507      0.642      5.460      0.000
    S2W                  -11.248      3.070     -3.664      0.000
    S3W                  -21.575      2.991     -7.214      0.000

 Intercepts
    W1                     0.000      0.000    999.000    999.000
    W2                     0.000      0.000    999.000    999.000
    W3                     0.000      0.000    999.000    999.000
    W4                     0.000      0.000    999.000    999.000
    W5                     0.000      0.000    999.000    999.000
    W6                     0.000      0.000    999.000    999.000
    W7                     0.000      0.000    999.000    999.000
    W8                     0.000      0.000    999.000    999.000
    W9                     0.000      0.000    999.000    999.000
    W10                    0.000      0.000    999.000    999.000
    W11                    0.000      0.000    999.000    999.000

 Variances
    IW                     1.445      0.096     15.071      0.000
    S1W                    0.144      0.010     14.548      0.000
    S2W                    0.000      0.000    999.000    999.000
    S3W                    0.000      0.000    999.000    999.000

 Residual Variances
    W1                     0.132      0.032      4.196      0.000
    W2                     0.187      0.068      2.757      0.006
    W3                     0.146      0.043      3.402      0.001
    W4                     0.122      0.028      4.291      0.000
    W5                     0.114      0.032      3.596      0.000
    W6                     0.293      0.032      9.023      0.000
    W7                     0.133      0.036      3.658      0.000
    W8                     0.203      0.039      5.225      0.000
    W9                     0.250      0.042      5.962      0.000
    W10                    0.213      0.033      6.432      0.000
    W11                    0.729      0.409      1.782      0.075

Categorical Latent Variables

 Means
    C#1                   -1.504      0.285     -5.280      0.000
    C#2                   -0.482      0.488     -0.988      0.323
    C#3                   -2.421      0.549     -4.414      0.000
    C#4                   -0.626      0.685     -0.913      0.361

 New/Additional Parameters
    CORR1                  0.440      0.012     37.360      0.000
    CORR2                  0.187      0.012     15.649      0.000


STANDARDIZED MODEL RESULTS


STDYX Standardization

                                                    Two-Tailed
                    Estimate       S.E.  Est./S.E.    P-Value

Latent Class 1
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```
IW        BY
    W1                   2.023       0.168      12.053       0.000
    W2                   1.467       0.119      12.347       0.000
    W3                   1.144       0.100      11.406       0.000
    W4                   1.229       0.091      13.520       0.000
    W5                   1.102       0.061      18.136       0.000
    W6                   0.934       0.058      16.155       0.000
    W7                   0.771       0.042      18.239       0.000
    W8                   0.738       0.030      24.735       0.000
    W9                   0.640       0.027      24.007       0.000
    W10                  0.610       0.016      38.966       0.000
    W11                  0.436       0.020      21.547       0.000

S1W       BY
    W1                  -1.663       0.140     -11.864       0.000
    W2                  -1.067       0.087     -12.297       0.000
    W3                  -0.688       0.058     -11.848       0.000
    W4                  -0.622       0.045     -13.970       0.000
    W5                  -0.383       0.020     -19.053       0.000
    W6                  -0.148       0.009     -15.952       0.000
    W7                   0.000       0.000     999.000     999.000
    W8                   0.117       0.005      25.509       0.000
    W9                   0.202       0.008      24.064       0.000
    W10                  0.289       0.007      38.597       0.000
    W11                  0.358       0.017      21.241       0.000

S2W       BY
    W1                 999.000     999.000     999.000     999.000
    W2                 999.000     999.000     999.000     999.000
    W3                 999.000     999.000     999.000     999.000
    W4                 999.000     999.000     999.000     999.000
    W5                 999.000     999.000     999.000     999.000
    W6                 999.000     999.000     999.000     999.000
    W7                 999.000     999.000     999.000     999.000
    W8                 999.000     999.000     999.000     999.000
    W9                 999.000     999.000     999.000     999.000
    W10                999.000     999.000     999.000     999.000
    W11                999.000     999.000     999.000     999.000

S3W       BY
    W1                 999.000     999.000     999.000     999.000
    W2                 999.000     999.000     999.000     999.000
    W3                 999.000     999.000     999.000     999.000
    W4                 999.000     999.000     999.000     999.000
    W5                 999.000     999.000     999.000     999.000
    W6                 999.000     999.000     999.000     999.000
    W7                 999.000     999.000     999.000     999.000
    W8                 999.000     999.000     999.000     999.000
    W9                 999.000     999.000     999.000     999.000
    W10                999.000     999.000     999.000     999.000
    W11                999.000     999.000     999.000     999.000

S3W       WITH
    IW                 999.000     999.000     999.000     999.000
    S1W                999.000     999.000     999.000     999.000
    S2W                999.000     999.000     999.000     999.000

S2W       WITH
    IW                 999.000     999.000     999.000     999.000
    S1W                999.000     999.000     999.000     999.000

S1W       WITH
    IW                   0.960       0.012      82.292       0.000

W1        WITH
    W2                   0.440       0.012      37.360       0.000
    W3                   0.187       0.012      15.649       0.000
```

```
W2        WITH
   W3                    0.440      0.012     37.360      0.000
   W4                    0.187      0.012     15.649      0.000


W3        WITH
   W4                    0.440      0.012     37.360      0.000
   W5                    0.187      0.012     15.649      0.000


W4        WITH
   W5                    0.440      0.012     37.360      0.000
   W6                    0.187      0.012     15.649      0.000


W5        WITH
   W6                    0.440      0.012     37.360      0.000
   W7                    0.187      0.012     15.649      0.000


W6        WITH
   W7                    0.440      0.012     37.360      0.000
   W8                    0.187      0.012     15.649      0.000


W7        WITH
   W8                    0.440      0.012     37.360      0.000
   W9                    0.187      0.012     15.649      0.000


W8        WITH
   W9                    0.440      0.012     37.360      0.000
   W10                   0.187      0.012     15.649      0.000


W9        WITH
   W10                   0.440      0.012     37.360      0.000
   W11                   0.187      0.012     15.649      0.000


W10       WITH
   W11                   0.440      0.012     37.360      0.000

Means
   IW                   13.109      0.575     22.814      0.000
   S1W                  13.570      1.235     10.985      0.000
   S2W                 999.000    999.000    999.000    999.000
   S3W                 999.000    999.000    999.000    999.000

Intercepts
   W1                    0.000      0.000    999.000    999.000
   W2                    0.000      0.000    999.000    999.000
   W3                    0.000      0.000    999.000    999.000
   W4                    0.000      0.000    999.000    999.000
   W5                    0.000      0.000    999.000    999.000
   W6                    0.000      0.000    999.000    999.000
   W7                    0.000      0.000    999.000    999.000
   W8                    0.000      0.000    999.000    999.000
   W9                    0.000      0.000    999.000    999.000
   W10                   0.000      0.000    999.000    999.000
   W11                   0.000      0.000    999.000    999.000

Variances
   IW                    1.000      0.000    999.000    999.000
   S1W                   1.000      0.000    999.000    999.000
   S2W                 999.000    999.000    999.000    999.000
   S3W                 999.000    999.000    999.000    999.000

Residual Variances
   W1                    0.602      0.082      7.357      0.000
   W2                    0.715      0.048     15.053      0.000
   W3                    0.728      0.047     15.549      0.000
   W4                    0.570      0.062      9.136      0.000
   W5                    0.450      0.059      7.583      0.000
   W6                    0.371      0.077      4.800      0.000
   W7                    0.405      0.065      6.212      0.000
```

W8		0.277	0.058	4.750	0.000
W9		0.301	0.058	5.149	0.000
W10		0.206	0.041	5.072	0.000
W11		0.382	0.057	6.665	0.000

Latent Class 2

IW   BY

W1		2.250	0.130	17.322	0.000
W2		2.003	0.148	13.535	0.000
W3		1.774	0.067	26.446	0.000
W4		1.624	0.058	27.979	0.000
W5		1.315	0.036	36.430	0.000
W6		1.077	0.022	48.190	0.000
W7		0.954	0.013	74.279	0.000
W8		0.834	0.010	86.685	0.000
W9		0.741	0.006	119.183	0.000
W10		0.668	0.005	132.061	0.000
W11		0.524	0.020	26.523	0.000

S1W   BY

W1		-1.850	0.111	-16.687	0.000
W2		-1.456	0.112	-12.978	0.000
W3		-1.066	0.049	-21.702	0.000
W4		-0.822	0.035	-23.508	0.000
W5		-0.457	0.017	-27.713	0.000
W6		-0.170	0.005	-37.399	0.000
W7		0.000	0.000	999.000	999.000
W8		0.132	0.002	53.234	0.000
W9		0.234	0.004	62.402	0.000
W10		0.317	0.004	71.517	0.000
W11		0.431	0.018	23.888	0.000

S2W   BY

W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000

S3W   BY

W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000

S3W   WITH

IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S2W		999.000	999.000	999.000	999.000

S2W   WITH

IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000

S1W	WITH				
	IW	0.960	0.012	82.292	0.000
W1	WITH				
	W2	0.440	0.012	37.360	0.000
	W3	0.187	0.012	15.649	0.000
W2	WITH				
	W3	0.440	0.012	37.360	0.000
	W4	0.187	0.012	15.649	0.000
W3	WITH				
	W4	0.440	0.012	37.360	0.000
	W5	0.187	0.012	15.649	0.000
W4	WITH				
	W5	0.440	0.012	37.360	0.000
	W6	0.187	0.012	15.649	0.000
W5	WITH				
	W6	0.440	0.012	37.360	0.000
	W7	0.187	0.012	15.649	0.000
W6	WITH				
	W7	0.440	0.012	37.360	0.000
	W8	0.187	0.012	15.649	0.000
W7	WITH				
	W8	0.440	0.012	37.360	0.000
	W9	0.187	0.012	15.649	0.000
W8	WITH				
	W9	0.440	0.012	37.360	0.000
	W10	0.187	0.012	15.649	0.000
W9	WITH				
	W10	0.440	0.012	37.360	0.000
	W11	0.187	0.012	15.649	0.000
W10	WITH				
	W11	0.440	0.012	37.360	0.000
Means					
	IW	10.803	0.365	29.584	0.000
	S1W	6.457	1.361	4.745	0.000
	S2W	999.000	999.000	999.000	999.000
	S3W	999.000	999.000	999.000	999.000
Intercepts					
	W1	0.000	0.000	999.000	999.000
	W2	0.000	0.000	999.000	999.000
	W3	0.000	0.000	999.000	999.000
	W4	0.000	0.000	999.000	999.000
	W5	0.000	0.000	999.000	999.000
	W6	0.000	0.000	999.000	999.000
	W7	0.000	0.000	999.000	999.000
	W8	0.000	0.000	999.000	999.000
	W9	0.000	0.000	999.000	999.000
	W10	0.000	0.000	999.000	999.000
	W11	0.000	0.000	999.000	999.000
Variances					
	IW	1.000	0.000	999.000	999.000
	S1W	1.000	0.000	999.000	999.000
	S2W	999.000	999.000	999.000	999.000
	S3W	999.000	999.000	999.000	999.000
Residual Variances					

W1	0.507	0.100	5.093	0.000
W2	0.469	0.046	10.116	0.000
W3	0.347	0.038	9.068	0.000
W4	0.250	0.039	6.413	0.000
W5	0.216	0.036	6.046	0.000
W6	0.163	0.032	5.094	0.000
W7	0.091	0.024	3.701	0.000
W8	0.075	0.022	3.359	0.001
W9	0.062	0.013	4.815	0.000
W10	0.048	0.009	5.217	0.000
W11	0.105	0.065	1.613	0.107

Latent Class 3

IW   BY

W1	2.250	0.213	10.564	0.000
W2	2.317	0.149	15.574	0.000
W3	1.733	0.104	16.709	0.000
W4	1.543	0.076	20.282	0.000
W5	1.255	0.068	18.447	0.000
W6	0.827	0.111	7.456	0.000
W7	0.772	0.089	8.687	0.000
W8	0.621	0.083	7.491	0.000
W9	0.606	0.051	11.961	0.000
W10	0.486	0.057	8.544	0.000
W11	0.383	0.032	11.952	0.000

S1W   BY

W1	-1.850	0.178	-10.389	0.000
W2	-1.685	0.116	-14.583	0.000
W3	-1.041	0.065	-16.063	0.000
W4	-0.781	0.041	-18.925	0.000
W5	-0.437	0.024	-18.543	0.000
W6	-0.131	0.018	-7.257	0.000
W7	0.000	0.000	999.000	999.000
W8	0.098	0.014	7.242	0.000
W9	0.192	0.017	11.249	0.000
W10	0.230	0.028	8.252	0.000
W11	0.315	0.028	11.362	0.000

S2W   BY

W1	999.000	999.000	999.000	999.000
W2	999.000	999.000	999.000	999.000
W3	999.000	999.000	999.000	999.000
W4	999.000	999.000	999.000	999.000
W5	999.000	999.000	999.000	999.000
W6	999.000	999.000	999.000	999.000
W7	999.000	999.000	999.000	999.000
W8	999.000	999.000	999.000	999.000
W9	999.000	999.000	999.000	999.000
W10	999.000	999.000	999.000	999.000
W11	999.000	999.000	999.000	999.000

S3W   BY

W1	999.000	999.000	999.000	999.000
W2	999.000	999.000	999.000	999.000
W3	999.000	999.000	999.000	999.000
W4	999.000	999.000	999.000	999.000
W5	999.000	999.000	999.000	999.000
W6	999.000	999.000	999.000	999.000
W7	999.000	999.000	999.000	999.000
W8	999.000	999.000	999.000	999.000
W9	999.000	999.000	999.000	999.000
W10	999.000	999.000	999.000	999.000
W11	999.000	999.000	999.000	999.000

S3W   WITH

IW	999.000	999.000	999.000	999.000

```
    S1W                999.000      999.000      999.000      999.000
    S2W                999.000      999.000      999.000      999.000


 S2W        WITH
    IW                 999.000      999.000      999.000      999.000
    S1W                999.000      999.000      999.000      999.000


 S1W        WITH
    IW                   0.960        0.012       82.292        0.000


 W1         WITH
    W2                   0.440        0.012       37.360        0.000
    W3                   0.187        0.012       15.649        0.000


 W2         WITH
    W3                   0.440        0.012       37.360        0.000
    W4                   0.187        0.012       15.649        0.000


 W3         WITH
    W4                   0.440        0.012       37.360        0.000
    W5                   0.187        0.012       15.649        0.000


 W4         WITH
    W5                   0.440        0.012       37.360        0.000
    W6                   0.187        0.012       15.649        0.000


 W5         WITH
    W6                   0.440        0.012       37.360        0.000
    W7                   0.187        0.012       15.649        0.000


 W6         WITH
    W7                   0.440        0.012       37.360        0.000
    W8                   0.187        0.012       15.649        0.000


 W7         WITH
    W8                   0.440        0.012       37.360        0.000
    W9                   0.187        0.012       15.649        0.000


 W8         WITH
    W9                   0.440        0.012       37.360        0.000
    W10                  0.187        0.012       15.649        0.000


 W9         WITH
    W10                  0.440        0.012       37.360        0.000
    W11                  0.187        0.012       15.649        0.000


 W10        WITH
    W11                  0.440        0.012       37.360        0.000


 Means
    IW                  12.119        0.430       28.211        0.000
    S1W                 15.933        1.718        9.274        0.000
    S2W                999.000      999.000      999.000      999.000
    S3W                999.000      999.000      999.000      999.000


 Intercepts
    W1                   0.000        0.000      999.000      999.000
    W2                   0.000        0.000      999.000      999.000
    W3                   0.000        0.000      999.000      999.000
    W4                   0.000        0.000      999.000      999.000
    W5                   0.000        0.000      999.000      999.000
    W6                   0.000        0.000      999.000      999.000
    W7                   0.000        0.000      999.000      999.000
    W8                   0.000        0.000      999.000      999.000
    W9                   0.000        0.000      999.000      999.000
    W10                  0.000        0.000      999.000      999.000
    W11                  0.000        0.000      999.000      999.000
```

```
 Variances
    IW                     1.000       0.000     999.000     999.000
    S1W                    1.000       0.000     999.000     999.000
    S2W                  999.000     999.000     999.000     999.000
    S3W                  999.000     999.000     999.000     999.000

 Residual Variances
    W1                     0.508       0.084       6.029       0.000
    W2                     0.289       0.083       3.494       0.000
    W3                     0.377       0.064       5.915       0.000
    W4                     0.322       0.064       5.025       0.000
    W5                     0.286       0.076       3.752       0.000
    W6                     0.507       0.133       3.804       0.000
    W7                     0.403       0.137       2.937       0.003
    W8                     0.488       0.137       3.571       0.000
    W9                     0.374       0.104       3.582       0.000
    W10                    0.497       0.117       4.227       0.000
    W11                    0.524       0.080       6.564       0.000

Latent Class 4

 IW       BY
    W1                     2.290       0.183      12.478       0.000
    W2                     1.619       0.114      14.229       0.000
    W3                     1.575       0.095      16.592       0.000
    W4                     1.479       0.050      29.425       0.000
    W5                     1.301       0.030      42.732       0.000
    W6                     1.018       0.030      34.443       0.000
    W7                     0.945       0.008     119.071       0.000
    W8                     0.832       0.007     117.873       0.000
    W9                     0.732       0.008      91.009       0.000
    W10                    0.664       0.006     115.479       0.000
    W11                    0.529       0.006      81.562       0.000

 S1W      BY
    W1                    -1.882       0.154     -12.224       0.000
    W2                    -1.177       0.084     -13.964       0.000
    W3                    -0.946       0.060     -15.765       0.000
    W4                    -0.748       0.030     -24.762       0.000
    W5                    -0.453       0.014     -31.551       0.000
    W6                    -0.161       0.005     -29.845       0.000
    W7                     0.000       0.000     999.000     999.000
    W8                     0.132       0.002      62.734       0.000
    W9                     0.232       0.004      57.199       0.000
    W10                    0.315       0.004      70.024       0.000
    W11                    0.435       0.006      69.833       0.000

 S2W      BY
    W1                   999.000     999.000     999.000     999.000
    W2                   999.000     999.000     999.000     999.000
    W3                   999.000     999.000     999.000     999.000
    W4                   999.000     999.000     999.000     999.000
    W5                   999.000     999.000     999.000     999.000
    W6                   999.000     999.000     999.000     999.000
    W7                   999.000     999.000     999.000     999.000
    W8                   999.000     999.000     999.000     999.000
    W9                   999.000     999.000     999.000     999.000
    W10                  999.000     999.000     999.000     999.000
    W11                  999.000     999.000     999.000     999.000

 S3W      BY
    W1                   999.000     999.000     999.000     999.000
    W2                   999.000     999.000     999.000     999.000
    W3                   999.000     999.000     999.000     999.000
    W4                   999.000     999.000     999.000     999.000
    W5                   999.000     999.000     999.000     999.000
    W6                   999.000     999.000     999.000     999.000
    W7                   999.000     999.000     999.000     999.000
```

W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S2W		999.000	999.000	999.000	999.000
S2W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S1W	WITH				
IW		0.960	0.012	82.292	0.000
W1	WITH				
W2		0.440	0.012	37.360	0.000
W3		0.187	0.012	15.649	0.000
W2	WITH				
W3		0.440	0.012	37.360	0.000
W4		0.187	0.012	15.649	0.000
W3	WITH				
W4		0.440	0.012	37.360	0.000
W5		0.187	0.012	15.649	0.000
W4	WITH				
W5		0.440	0.012	37.360	0.000
W6		0.187	0.012	15.649	0.000
W5	WITH				
W6		0.440	0.012	37.360	0.000
W7		0.187	0.012	15.649	0.000
W6	WITH				
W7		0.440	0.012	37.360	0.000
W8		0.187	0.012	15.649	0.000
W7	WITH				
W8		0.440	0.012	37.360	0.000
W9		0.187	0.012	15.649	0.000
W8	WITH				
W9		0.440	0.012	37.360	0.000
W10		0.187	0.012	15.649	0.000
W9	WITH				
W10		0.440	0.012	37.360	0.000
W11		0.187	0.012	15.649	0.000
W10	WITH				
W11		0.440	0.012	37.360	0.000
Means					
IW		12.514	0.468	26.718	0.000
S1W		7.745	0.588	13.175	0.000
S2W		999.000	999.000	999.000	999.000
S3W		999.000	999.000	999.000	999.000
Intercepts					
W1		0.000	0.000	999.000	999.000
W2		0.000	0.000	999.000	999.000
W3		0.000	0.000	999.000	999.000
W4		0.000	0.000	999.000	999.000
W5		0.000	0.000	999.000	999.000

W6	0.000	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.000	0.000	999.000	999.000
W9	0.000	0.000	999.000	999.000
W10	0.000	0.000	999.000	999.000
W11	0.000	0.000	999.000	999.000

Variances
IW	1.000	0.000	999.000	999.000
S1W	1.000	0.000	999.000	999.000
S2W	999.000	999.000	999.000	999.000
S3W	999.000	999.000	999.000	999.000

Residual Variances
W1	0.490	0.086	5.668	0.000
W2	0.653	0.041	15.954	0.000
W3	0.486	0.050	9.750	0.000
W4	0.377	0.034	11.208	0.000
W5	0.232	0.031	7.547	0.000
W6	0.252	0.044	5.760	0.000
W7	0.107	0.015	7.167	0.000
W8	0.080	0.016	5.096	0.000
W9	0.085	0.019	4.497	0.000
W10	0.059	0.013	4.683	0.000
W11	0.089	0.017	5.322	0.000

Latent Class 5

IW   BY
W1	2.301	0.101	22.708	0.000
W2	1.953	0.159	12.301	0.000
W3	1.802	0.084	21.395	0.000
W4	1.646	0.043	37.943	0.000
W5	1.371	0.028	48.847	0.000
W6	1.040	0.014	72.499	0.000
W7	0.957	0.012	79.473	0.000
W8	0.825	0.008	97.906	0.000
W9	0.729	0.007	109.873	0.000
W10	0.662	0.005	136.270	0.000
W11	0.516	0.020	25.750	0.000

S1W   BY
W1	-1.891	0.095	-19.915	0.000
W2	-1.420	0.118	-12.024	0.000
W3	-1.082	0.055	-19.753	0.000
W4	-0.833	0.029	-28.433	0.000
W5	-0.477	0.014	-35.208	0.000
W6	-0.164	0.004	-44.660	0.000
W7	0.000	0.000	999.000	999.000
W8	0.130	0.002	55.432	0.000
W9	0.231	0.003	76.011	0.000
W10	0.314	0.004	79.347	0.000
W11	0.424	0.015	28.169	0.000

S2W   BY
W1	999.000	999.000	999.000	999.000
W2	999.000	999.000	999.000	999.000
W3	999.000	999.000	999.000	999.000
W4	999.000	999.000	999.000	999.000
W5	999.000	999.000	999.000	999.000
W6	999.000	999.000	999.000	999.000
W7	999.000	999.000	999.000	999.000
W8	999.000	999.000	999.000	999.000
W9	999.000	999.000	999.000	999.000
W10	999.000	999.000	999.000	999.000
W11	999.000	999.000	999.000	999.000

S3W   BY

```
     W1                   999.000    999.000    999.000    999.000
     W2                   999.000    999.000    999.000    999.000
     W3                   999.000    999.000    999.000    999.000
     W4                   999.000    999.000    999.000    999.000
     W5                   999.000    999.000    999.000    999.000
     W6                   999.000    999.000    999.000    999.000
     W7                   999.000    999.000    999.000    999.000
     W8                   999.000    999.000    999.000    999.000
     W9                   999.000    999.000    999.000    999.000
     W10                  999.000    999.000    999.000    999.000
     W11                  999.000    999.000    999.000    999.000

 S3W       WITH
     IW                   999.000    999.000    999.000    999.000
     S1W                  999.000    999.000    999.000    999.000
     S2W                  999.000    999.000    999.000    999.000

 S2W       WITH
     IW                   999.000    999.000    999.000    999.000
     S1W                  999.000    999.000    999.000    999.000

 S1W       WITH
     IW                     0.960      0.012     82.292      0.000

 W1        WITH
     W2                     0.440      0.012     37.360      0.000
     W3                     0.187      0.012     15.649      0.000

 W2        WITH
     W3                     0.440      0.012     37.360      0.000
     W4                     0.187      0.012     15.649      0.000

 W3        WITH
     W4                     0.440      0.012     37.360      0.000
     W5                     0.187      0.012     15.649      0.000

 W4        WITH
     W5                     0.440      0.012     37.360      0.000
     W6                     0.187      0.012     15.649      0.000

 W5        WITH
     W6                     0.440      0.012     37.360      0.000
     W7                     0.187      0.012     15.649      0.000

 W6        WITH
     W7                     0.440      0.012     37.360      0.000
     W8                     0.187      0.012     15.649      0.000

 W7        WITH
     W8                     0.440      0.012     37.360      0.000
     W9                     0.187      0.012     15.649      0.000

 W8        WITH
     W9                     0.440      0.012     37.360      0.000
     W10                    0.187      0.012     15.649      0.000

 W9        WITH
     W10                    0.440      0.012     37.360      0.000
     W11                    0.187      0.012     15.649      0.000

 W10       WITH
     W11                    0.440      0.012     37.360      0.000

 Means
     IW                    11.403      0.429     26.599      0.000
     S1W                    9.226      1.727      5.342      0.000
     S2W                  999.000    999.000    999.000    999.000
     S3W                  999.000    999.000    999.000    999.000
```

```
   Intercepts
      W1                  0.000      0.000    999.000    999.000
      W2                  0.000      0.000    999.000    999.000
      W3                  0.000      0.000    999.000    999.000
      W4                  0.000      0.000    999.000    999.000
      W5                  0.000      0.000    999.000    999.000
      W6                  0.000      0.000    999.000    999.000
      W7                  0.000      0.000    999.000    999.000
      W8                  0.000      0.000    999.000    999.000
      W9                  0.000      0.000    999.000    999.000
      W10                 0.000      0.000    999.000    999.000
      W11                 0.000      0.000    999.000    999.000

   Variances
      IW                  1.000      0.000    999.000    999.000
      S1W                 1.000      0.000    999.000    999.000
      S2W               999.000    999.000    999.000    999.000
      S3W               999.000    999.000    999.000    999.000

   Residual Variances
      W1                  0.485      0.099      4.877      0.000
      W2                  0.495      0.111      4.459      0.000
      W3                  0.327      0.074      4.433      0.000
      W4                  0.229      0.045      5.047      0.000
      W5                  0.148      0.037      3.978      0.000
      W6                  0.219      0.023      9.716      0.000
      W7                  0.084      0.023      3.657      0.000
      W8                  0.096      0.017      5.558      0.000
      W9                  0.092      0.016      5.865      0.000
      W10                 0.065      0.011      6.092      0.000
      W11                 0.134      0.067      2.005      0.045
```

STDY Standardization

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                                                      Two-Tailed
                       Estimate      S.E.   Est./S.E.   P-Value

Latent Class 1

 IW       BY
      W1                  2.023      0.168     12.053      0.000
      W2                  1.467      0.119     12.347      0.000
      W3                  1.144      0.100     11.406      0.000
      W4                  1.229      0.091     13.520      0.000
      W5                  1.102      0.061     18.136      0.000
      W6                  0.934      0.058     16.155      0.000
      W7                  0.771      0.042     18.239      0.000
      W8                  0.738      0.030     24.735      0.000
      W9                  0.640      0.027     24.007      0.000
      W10                 0.610      0.016     38.966      0.000
      W11                 0.436      0.020     21.547      0.000

 S1W      BY
      W1                 -1.663      0.140    -11.864      0.000
      W2                 -1.067      0.087    -12.297      0.000
      W3                 -0.688      0.058    -11.848      0.000
      W4                 -0.622      0.045    -13.970      0.000
      W5                 -0.383      0.020    -19.053      0.000
      W6                 -0.148      0.009    -15.952      0.000
      W7                  0.000      0.000    999.000    999.000
      W8                  0.117      0.005     25.509      0.000
      W9                  0.202      0.008     24.064      0.000
      W10                 0.289      0.007     38.597      0.000
      W11                 0.358      0.017     21.241      0.000

 S2W      BY
```

W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	BY				
W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S2W		999.000	999.000	999.000	999.000
S2W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S1W	WITH				
IW		0.960	0.012	82.292	0.000
W1	WITH				
W2		0.440	0.012	37.360	0.000
W3		0.187	0.012	15.649	0.000
W2	WITH				
W3		0.440	0.012	37.360	0.000
W4		0.187	0.012	15.649	0.000
W3	WITH				
W4		0.440	0.012	37.360	0.000
W5		0.187	0.012	15.649	0.000
W4	WITH				
W5		0.440	0.012	37.360	0.000
W6		0.187	0.012	15.649	0.000
W5	WITH				
W6		0.440	0.012	37.360	0.000
W7		0.187	0.012	15.649	0.000
W6	WITH				
W7		0.440	0.012	37.360	0.000
W8		0.187	0.012	15.649	0.000
W7	WITH				
W8		0.440	0.012	37.360	0.000
W9		0.187	0.012	15.649	0.000
W8	WITH				
W9		0.440	0.012	37.360	0.000
W10		0.187	0.012	15.649	0.000

```
 W9       WITH
    W10                    0.440        0.012       37.360        0.000
    W11                    0.187        0.012       15.649        0.000

 W10      WITH
    W11                    0.440        0.012       37.360        0.000

 Means
    IW                    13.109        0.575       22.814        0.000
    S1W                   13.570        1.235       10.985        0.000
    S2W                  999.000      999.000      999.000      999.000
    S3W                  999.000      999.000      999.000      999.000

 Intercepts
    W1                     0.000        0.000      999.000      999.000
    W2                     0.000        0.000      999.000      999.000
    W3                     0.000        0.000      999.000      999.000
    W4                     0.000        0.000      999.000      999.000
    W5                     0.000        0.000      999.000      999.000
    W6                     0.000        0.000      999.000      999.000
    W7                     0.000        0.000      999.000      999.000
    W8                     0.000        0.000      999.000      999.000
    W9                     0.000        0.000      999.000      999.000
    W10                    0.000        0.000      999.000      999.000
    W11                    0.000        0.000      999.000      999.000

 Variances
    IW                     1.000        0.000      999.000      999.000
    S1W                    1.000        0.000      999.000      999.000
    S2W                  999.000      999.000      999.000      999.000
    S3W                  999.000      999.000      999.000      999.000

 Residual Variances
    W1                     0.602        0.082        7.357        0.000
    W2                     0.715        0.048       15.053        0.000
    W3                     0.728        0.047       15.549        0.000
    W4                     0.570        0.062        9.136        0.000
    W5                     0.450        0.059        7.583        0.000
    W6                     0.371        0.077        4.800        0.000
    W7                     0.405        0.065        6.212        0.000
    W8                     0.277        0.058        4.750        0.000
    W9                     0.301        0.058        5.149        0.000
    W10                    0.206        0.041        5.072        0.000
    W11                    0.382        0.057        6.665        0.000

Latent Class 2

 IW       BY
    W1                     2.250        0.130       17.322        0.000
    W2                     2.003        0.148       13.535        0.000
    W3                     1.774        0.067       26.446        0.000
    W4                     1.624        0.058       27.979        0.000
    W5                     1.315        0.036       36.430        0.000
    W6                     1.077        0.022       48.190        0.000
    W7                     0.954        0.013       74.279        0.000
    W8                     0.834        0.010       86.685        0.000
    W9                     0.741        0.006      119.183        0.000
    W10                    0.668        0.005      132.061        0.000
    W11                    0.524        0.020       26.523        0.000

 S1W      BY
    W1                    -1.850        0.111      -16.687        0.000
    W2                    -1.456        0.112      -12.978        0.000
    W3                    -1.066        0.049      -21.702        0.000
    W4                    -0.822        0.035      -23.508        0.000
    W5                    -0.457        0.017      -27.713        0.000
    W6                    -0.170        0.005      -37.399        0.000
```

W7		0.000	0.000	999.000	999.000
W8		0.132	0.002	53.234	0.000
W9		0.234	0.004	62.402	0.000
W10		0.317	0.004	71.517	0.000
W11		0.431	0.018	23.888	0.000
S2W	BY				
W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	BY				
W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S2W		999.000	999.000	999.000	999.000
S2W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S1W	WITH				
IW		0.960	0.012	82.292	0.000
W1	WITH				
W2		0.440	0.012	37.360	0.000
W3		0.187	0.012	15.649	0.000
W2	WITH				
W3		0.440	0.012	37.360	0.000
W4		0.187	0.012	15.649	0.000
W3	WITH				
W4		0.440	0.012	37.360	0.000
W5		0.187	0.012	15.649	0.000
W4	WITH				
W5		0.440	0.012	37.360	0.000
W6		0.187	0.012	15.649	0.000
W5	WITH				
W6		0.440	0.012	37.360	0.000
W7		0.187	0.012	15.649	0.000
W6	WITH				
W7		0.440	0.012	37.360	0.000
W8		0.187	0.012	15.649	0.000

W7	WITH				
	W8	0.440	0.012	37.360	0.000
	W9	0.187	0.012	15.649	0.000
W8	WITH				
	W9	0.440	0.012	37.360	0.000
	W10	0.187	0.012	15.649	0.000
W9	WITH				
	W10	0.440	0.012	37.360	0.000
	W11	0.187	0.012	15.649	0.000
W10	WITH				
	W11	0.440	0.012	37.360	0.000
Means					
	IW	10.803	0.365	29.584	0.000
	S1W	6.457	1.361	4.745	0.000
	S2W	999.000	999.000	999.000	999.000
	S3W	999.000	999.000	999.000	999.000
Intercepts					
	W1	0.000	0.000	999.000	999.000
	W2	0.000	0.000	999.000	999.000
	W3	0.000	0.000	999.000	999.000
	W4	0.000	0.000	999.000	999.000
	W5	0.000	0.000	999.000	999.000
	W6	0.000	0.000	999.000	999.000
	W7	0.000	0.000	999.000	999.000
	W8	0.000	0.000	999.000	999.000
	W9	0.000	0.000	999.000	999.000
	W10	0.000	0.000	999.000	999.000
	W11	0.000	0.000	999.000	999.000
Variances					
	IW	1.000	0.000	999.000	999.000
	S1W	1.000	0.000	999.000	999.000
	S2W	999.000	999.000	999.000	999.000
	S3W	999.000	999.000	999.000	999.000
Residual Variances					
	W1	0.507	0.100	5.093	0.000
	W2	0.469	0.046	10.116	0.000
	W3	0.347	0.038	9.068	0.000
	W4	0.250	0.039	6.413	0.000
	W5	0.216	0.036	6.046	0.000
	W6	0.163	0.032	5.094	0.000
	W7	0.091	0.024	3.701	0.000
	W8	0.075	0.022	3.359	0.001
	W9	0.062	0.013	4.815	0.000
	W10	0.048	0.009	5.217	0.000
	W11	0.105	0.065	1.613	0.107
Latent Class 3					
IW	BY				
	W1	2.250	0.213	10.564	0.000
	W2	2.317	0.149	15.574	0.000
	W3	1.733	0.104	16.709	0.000
	W4	1.543	0.076	20.282	0.000
	W5	1.255	0.068	18.447	0.000
	W6	0.827	0.111	7.456	0.000
	W7	0.772	0.089	8.687	0.000
	W8	0.621	0.083	7.491	0.000
	W9	0.606	0.051	11.961	0.000
	W10	0.486	0.057	8.544	0.000
	W11	0.383	0.032	11.952	0.000

S1W	BY				
W1		-1.850	0.178	-10.389	0.000
W2		-1.685	0.116	-14.583	0.000
W3		-1.041	0.065	-16.063	0.000
W4		-0.781	0.041	-18.925	0.000
W5		-0.437	0.024	-18.543	0.000
W6		-0.131	0.018	-7.257	0.000
W7		0.000	0.000	999.000	999.000
W8		0.098	0.014	7.242	0.000
W9		0.192	0.017	11.249	0.000
W10		0.230	0.028	8.252	0.000
W11		0.315	0.028	11.362	0.000
S2W	BY				
W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	BY				
W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S2W		999.000	999.000	999.000	999.000
S2W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S1W	WITH				
IW		0.960	0.012	82.292	0.000
W1	WITH				
W2		0.440	0.012	37.360	0.000
W3		0.187	0.012	15.649	0.000
W2	WITH				
W3		0.440	0.012	37.360	0.000
W4		0.187	0.012	15.649	0.000
W3	WITH				
W4		0.440	0.012	37.360	0.000
W5		0.187	0.012	15.649	0.000
W4	WITH				
W5		0.440	0.012	37.360	0.000
W6		0.187	0.012	15.649	0.000
W5	WITH				

W6		0.440	0.012	37.360	0.000
W7		0.187	0.012	15.649	0.000

W6	WITH				
W7		0.440	0.012	37.360	0.000
W8		0.187	0.012	15.649	0.000

W7	WITH				
W8		0.440	0.012	37.360	0.000
W9		0.187	0.012	15.649	0.000

W8	WITH				
W9		0.440	0.012	37.360	0.000
W10		0.187	0.012	15.649	0.000

W9	WITH				
W10		0.440	0.012	37.360	0.000
W11		0.187	0.012	15.649	0.000

W10	WITH				
W11		0.440	0.012	37.360	0.000

Means					
IW		12.119	0.430	28.211	0.000
S1W		15.933	1.718	9.274	0.000
S2W		999.000	999.000	999.000	999.000
S3W		999.000	999.000	999.000	999.000

Intercepts					
W1		0.000	0.000	999.000	999.000
W2		0.000	0.000	999.000	999.000
W3		0.000	0.000	999.000	999.000
W4		0.000	0.000	999.000	999.000
W5		0.000	0.000	999.000	999.000
W6		0.000	0.000	999.000	999.000
W7		0.000	0.000	999.000	999.000
W8		0.000	0.000	999.000	999.000
W9		0.000	0.000	999.000	999.000
W10		0.000	0.000	999.000	999.000
W11		0.000	0.000	999.000	999.000

Variances					
IW		1.000	0.000	999.000	999.000
S1W		1.000	0.000	999.000	999.000
S2W		999.000	999.000	999.000	999.000
S3W		999.000	999.000	999.000	999.000

Residual Variances					
W1		0.508	0.084	6.029	0.000
W2		0.289	0.083	3.494	0.000
W3		0.377	0.064	5.915	0.000
W4		0.322	0.064	5.025	0.000
W5		0.286	0.076	3.752	0.000
W6		0.507	0.133	3.804	0.000
W7		0.403	0.137	2.937	0.003
W8		0.488	0.137	3.571	0.000
W9		0.374	0.104	3.582	0.000
W10		0.497	0.117	4.227	0.000
W11		0.524	0.080	6.564	0.000

Latent Class 4

IW	BY				
W1		2.290	0.183	12.478	0.000
W2		1.619	0.114	14.229	0.000
W3		1.575	0.095	16.592	0.000
W4		1.479	0.050	29.425	0.000
W5		1.301	0.030	42.732	0.000

W6		1.018	0.030	34.443	0.000
W7		0.945	0.008	119.071	0.000
W8		0.832	0.007	117.873	0.000
W9		0.732	0.008	91.009	0.000
W10		0.664	0.006	115.479	0.000
W11		0.529	0.006	81.562	0.000
S1W	BY				
W1		-1.882	0.154	-12.224	0.000
W2		-1.177	0.084	-13.964	0.000
W3		-0.946	0.060	-15.765	0.000
W4		-0.748	0.030	-24.762	0.000
W5		-0.453	0.014	-31.551	0.000
W6		-0.161	0.005	-29.845	0.000
W7		0.000	0.000	999.000	999.000
W8		0.132	0.002	62.734	0.000
W9		0.232	0.004	57.199	0.000
W10		0.315	0.004	70.024	0.000
W11		0.435	0.006	69.833	0.000
S2W	BY				
W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	BY				
W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S2W		999.000	999.000	999.000	999.000
S2W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S1W	WITH				
IW		0.960	0.012	82.292	0.000
W1	WITH				
W2		0.440	0.012	37.360	0.000
W3		0.187	0.012	15.649	0.000
W2	WITH				
W3		0.440	0.012	37.360	0.000
W4		0.187	0.012	15.649	0.000
W3	WITH				
W4		0.440	0.012	37.360	0.000

W5	0.187	0.012	15.649	0.000

W4   WITH

W5	0.440	0.012	37.360	0.000
W6	0.187	0.012	15.649	0.000

W5   WITH

W6	0.440	0.012	37.360	0.000
W7	0.187	0.012	15.649	0.000

W6   WITH

W7	0.440	0.012	37.360	0.000
W8	0.187	0.012	15.649	0.000

W7   WITH

W8	0.440	0.012	37.360	0.000
W9	0.187	0.012	15.649	0.000

W8   WITH

W9	0.440	0.012	37.360	0.000
W10	0.187	0.012	15.649	0.000

W9   WITH

W10	0.440	0.012	37.360	0.000
W11	0.187	0.012	15.649	0.000

W10   WITH

W11	0.440	0.012	37.360	0.000

Means

IW	12.514	0.468	26.718	0.000
S1W	7.745	0.588	13.175	0.000
S2W	999.000	999.000	999.000	999.000
S3W	999.000	999.000	999.000	999.000

Intercepts

W1	0.000	0.000	999.000	999.000
W2	0.000	0.000	999.000	999.000
W3	0.000	0.000	999.000	999.000
W4	0.000	0.000	999.000	999.000
W5	0.000	0.000	999.000	999.000
W6	0.000	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.000	0.000	999.000	999.000
W9	0.000	0.000	999.000	999.000
W10	0.000	0.000	999.000	999.000
W11	0.000	0.000	999.000	999.000

Variances

IW	1.000	0.000	999.000	999.000
S1W	1.000	0.000	999.000	999.000
S2W	999.000	999.000	999.000	999.000
S3W	999.000	999.000	999.000	999.000

Residual Variances

W1	0.490	0.086	5.668	0.000
W2	0.653	0.041	15.954	0.000
W3	0.486	0.050	9.750	0.000
W4	0.377	0.034	11.208	0.000
W5	0.232	0.031	7.547	0.000
W6	0.252	0.044	5.760	0.000
W7	0.107	0.015	7.167	0.000
W8	0.080	0.016	5.096	0.000
W9	0.085	0.019	4.497	0.000
W10	0.059	0.013	4.683	0.000
W11	0.089	0.017	5.322	0.000

Latent Class 5

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IW        BY
     W1                    2.301      0.101     22.708       0.000
     W2                    1.953      0.159     12.301       0.000
     W3                    1.802      0.084     21.395       0.000
     W4                    1.646      0.043     37.943       0.000
     W5                    1.371      0.028     48.847       0.000
     W6                    1.040      0.014     72.499       0.000
     W7                    0.957      0.012     79.473       0.000
     W8                    0.825      0.008     97.906       0.000
     W9                    0.729      0.007    109.873       0.000
     W10                   0.662      0.005    136.270       0.000
     W11                   0.516      0.020     25.750       0.000

S1W       BY
     W1                   -1.891      0.095    -19.915       0.000
     W2                   -1.420      0.118    -12.024       0.000
     W3                   -1.082      0.055    -19.753       0.000
     W4                   -0.833      0.029    -28.433       0.000
     W5                   -0.477      0.014    -35.208       0.000
     W6                   -0.164      0.004    -44.660       0.000
     W7                    0.000      0.000    999.000     999.000
     W8                    0.130      0.002     55.432       0.000
     W9                    0.231      0.003     76.011       0.000
     W10                   0.314      0.004     79.347       0.000
     W11                   0.424      0.015     28.169       0.000

S2W       BY
     W1                  999.000    999.000    999.000     999.000
     W2                  999.000    999.000    999.000     999.000
     W3                  999.000    999.000    999.000     999.000
     W4                  999.000    999.000    999.000     999.000
     W5                  999.000    999.000    999.000     999.000
     W6                  999.000    999.000    999.000     999.000
     W7                  999.000    999.000    999.000     999.000
     W8                  999.000    999.000    999.000     999.000
     W9                  999.000    999.000    999.000     999.000
     W10                 999.000    999.000    999.000     999.000
     W11                 999.000    999.000    999.000     999.000

S3W       BY
     W1                  999.000    999.000    999.000     999.000
     W2                  999.000    999.000    999.000     999.000
     W3                  999.000    999.000    999.000     999.000
     W4                  999.000    999.000    999.000     999.000
     W5                  999.000    999.000    999.000     999.000
     W6                  999.000    999.000    999.000     999.000
     W7                  999.000    999.000    999.000     999.000
     W8                  999.000    999.000    999.000     999.000
     W9                  999.000    999.000    999.000     999.000
     W10                 999.000    999.000    999.000     999.000
     W11                 999.000    999.000    999.000     999.000

S3W       WITH
     IW                  999.000    999.000    999.000     999.000
     S1W                 999.000    999.000    999.000     999.000
     S2W                 999.000    999.000    999.000     999.000

S2W       WITH
     IW                  999.000    999.000    999.000     999.000
     S1W                 999.000    999.000    999.000     999.000

S1W       WITH
     IW                    0.960      0.012     82.292       0.000

W1        WITH
     W2                    0.440      0.012     37.360       0.000
     W3                    0.187      0.012     15.649       0.000
```

```
W2        WITH
    W3                        0.440      0.012      37.360      0.000
    W4                        0.187      0.012      15.649      0.000

W3        WITH
    W4                        0.440      0.012      37.360      0.000
    W5                        0.187      0.012      15.649      0.000

W4        WITH
    W5                        0.440      0.012      37.360      0.000
    W6                        0.187      0.012      15.649      0.000

W5        WITH
    W6                        0.440      0.012      37.360      0.000
    W7                        0.187      0.012      15.649      0.000

W6        WITH
    W7                        0.440      0.012      37.360      0.000
    W8                        0.187      0.012      15.649      0.000

W7        WITH
    W8                        0.440      0.012      37.360      0.000
    W9                        0.187      0.012      15.649      0.000

W8        WITH
    W9                        0.440      0.012      37.360      0.000
    W10                       0.187      0.012      15.649      0.000

W9        WITH
    W10                       0.440      0.012      37.360      0.000
    W11                       0.187      0.012      15.649      0.000

W10       WITH
    W11                       0.440      0.012      37.360      0.000

Means
    IW                       11.403      0.429      26.599      0.000
    S1W                       9.226      1.727       5.342      0.000
    S2W                     999.000    999.000     999.000    999.000
    S3W                     999.000    999.000     999.000    999.000

Intercepts
    W1                        0.000      0.000     999.000    999.000
    W2                        0.000      0.000     999.000    999.000
    W3                        0.000      0.000     999.000    999.000
    W4                        0.000      0.000     999.000    999.000
    W5                        0.000      0.000     999.000    999.000
    W6                        0.000      0.000     999.000    999.000
    W7                        0.000      0.000     999.000    999.000
    W8                        0.000      0.000     999.000    999.000
    W9                        0.000      0.000     999.000    999.000
    W10                       0.000      0.000     999.000    999.000
    W11                       0.000      0.000     999.000    999.000

Variances
    IW                        1.000      0.000     999.000    999.000
    S1W                       1.000      0.000     999.000    999.000
    S2W                     999.000    999.000     999.000    999.000
    S3W                     999.000    999.000     999.000    999.000

Residual Variances
    W1                        0.485      0.099       4.877      0.000
    W2                        0.495      0.111       4.459      0.000
    W3                        0.327      0.074       4.433      0.000
    W4                        0.229      0.045       5.047      0.000
    W5                        0.148      0.037       3.978      0.000
    W6                        0.219      0.023       9.716      0.000
```

W7	0.084	0.023	3.657	0.000
W8	0.096	0.017	5.558	0.000
W9	0.092	0.016	5.865	0.000
W10	0.065	0.011	6.092	0.000
W11	0.134	0.067	2.005	0.045

STD Standardization

	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value

Latent Class 1

IW   BY

W1	1.202	0.040	30.142	0.000
W2	1.202	0.040	30.142	0.000
W3	1.202	0.040	30.142	0.000
W4	1.202	0.040	30.142	0.000
W5	1.202	0.040	30.142	0.000
W6	1.202	0.040	30.142	0.000
W7	1.202	0.040	30.142	0.000
W8	1.202	0.040	30.142	0.000
W9	1.202	0.040	30.142	0.000
W10	1.202	0.040	30.142	0.000
W11	1.202	0.040	30.142	0.000

S1W   BY

W1	-0.988	0.034	-29.095	0.000
W2	-0.874	0.030	-29.095	0.000
W3	-0.722	0.025	-29.095	0.000
W4	-0.608	0.021	-29.095	0.000
W5	-0.418	0.014	-29.095	0.000
W6	-0.190	0.007	-29.095	0.000
W7	0.000	0.000	999.000	999.000
W8	0.190	0.007	29.095	0.000
W9	0.380	0.013	29.095	0.000
W10	0.570	0.020	29.095	0.000
W11	0.988	0.034	29.095	0.000

S2W   BY

W1	999.000	999.000	999.000	999.000
W2	999.000	999.000	999.000	999.000
W3	999.000	999.000	999.000	999.000
W4	999.000	999.000	999.000	999.000
W5	999.000	999.000	999.000	999.000
W6	999.000	999.000	999.000	999.000
W7	999.000	999.000	999.000	999.000
W8	999.000	999.000	999.000	999.000
W9	999.000	999.000	999.000	999.000
W10	999.000	999.000	999.000	999.000
W11	999.000	999.000	999.000	999.000

S3W   BY

W1	999.000	999.000	999.000	999.000
W2	999.000	999.000	999.000	999.000
W3	999.000	999.000	999.000	999.000
W4	999.000	999.000	999.000	999.000
W5	999.000	999.000	999.000	999.000
W6	999.000	999.000	999.000	999.000
W7	999.000	999.000	999.000	999.000
W8	999.000	999.000	999.000	999.000
W9	999.000	999.000	999.000	999.000
W10	999.000	999.000	999.000	999.000
W11	999.000	999.000	999.000	999.000

S3W   WITH

IW	999.000	999.000	999.000	999.000

```
    S1W                    999.000    999.000    999.000    999.000
    S2W                    999.000    999.000    999.000    999.000


 S2W        WITH
    IW                     999.000    999.000    999.000    999.000
    S1W                    999.000    999.000    999.000    999.000


 S1W        WITH
    IW                       0.960      0.012     82.292      0.000


 W1         WITH
    W2                       0.141      0.025      5.648      0.000
    W3                       0.077      0.014      5.709      0.000


 W2         WITH
    W3                       0.273      0.048      5.642      0.000
    W4                       0.095      0.018      5.253      0.000


 W3         WITH
    W4                       0.291      0.060      4.878      0.000
    W5                       0.122      0.024      5.167      0.000


 W4         WITH
    W5                       0.238      0.046      5.177      0.000
    W6                       0.108      0.025      4.347      0.000


 W5         WITH
    W6                       0.252      0.058      4.320      0.000
    W7                       0.136      0.030      4.477      0.000


 W6         WITH
    W7                       0.342      0.083      4.124      0.000
    W8                       0.125      0.036      3.528      0.000


 W7         WITH
    W8                       0.374      0.091      4.115      0.000
    W9                       0.191      0.044      4.313      0.000


 W8         WITH
    W9                       0.388      0.079      4.892      0.000
    W10                      0.143      0.032      4.443      0.000


 W9         WITH
    W10                      0.405      0.086      4.709      0.000
    W11                      0.328      0.066      4.962      0.000


 W10        WITH
    W11                      0.671      0.128      5.253      0.000


 Means
    IW                      13.109      0.575     22.814      0.000
    S1W                     13.570      1.235     10.985      0.000
    S2W                    999.000    999.000    999.000    999.000
    S3W                    999.000    999.000    999.000    999.000


 Intercepts
    W1                       0.000      0.000    999.000    999.000
    W2                       0.000      0.000    999.000    999.000
    W3                       0.000      0.000    999.000    999.000
    W4                       0.000      0.000    999.000    999.000
    W5                       0.000      0.000    999.000    999.000
    W6                       0.000      0.000    999.000    999.000
    W7                       0.000      0.000    999.000    999.000
    W8                       0.000      0.000    999.000    999.000
    W9                       0.000      0.000    999.000    999.000
    W10                      0.000      0.000    999.000    999.000
    W11                      0.000      0.000    999.000    999.000
```

```
 Variances
    IW                    1.000       0.000     999.000     999.000
    S1W                   1.000       0.000     999.000     999.000
    S2W                 999.000     999.000     999.000     999.000
    S3W                 999.000     999.000     999.000     999.000

 Residual Variances
    W1                    0.213       0.053       4.021       0.000
    W2                    0.480       0.095       5.050       0.000
    W3                    0.804       0.177       4.550       0.000
    W4                    0.545       0.129       4.222       0.000
    W5                    0.536       0.121       4.441       0.000
    W6                    0.614       0.198       3.100       0.002
    W7                    0.985       0.264       3.734       0.000
    W8                    0.735       0.212       3.471       0.001
    W9                    1.060       0.297       3.568       0.000
    W10                   0.799       0.191       4.188       0.000
    W11                   2.909       0.694       4.189       0.000

Latent Class 2

 IW       BY
    W1                    1.202       0.040      30.142       0.000
    W2                    1.202       0.040      30.142       0.000
    W3                    1.202       0.040      30.142       0.000
    W4                    1.202       0.040      30.142       0.000
    W5                    1.202       0.040      30.142       0.000
    W6                    1.202       0.040      30.142       0.000
    W7                    1.202       0.040      30.142       0.000
    W8                    1.202       0.040      30.142       0.000
    W9                    1.202       0.040      30.142       0.000
    W10                   1.202       0.040      30.142       0.000
    W11                   1.202       0.040      30.142       0.000

 S1W      BY
    W1                   -0.988       0.034     -29.095       0.000
    W2                   -0.874       0.030     -29.095       0.000
    W3                   -0.722       0.025     -29.095       0.000
    W4                   -0.608       0.021     -29.095       0.000
    W5                   -0.418       0.014     -29.095       0.000
    W6                   -0.190       0.007     -29.095       0.000
    W7                    0.000       0.000     999.000     999.000
    W8                    0.190       0.007      29.095       0.000
    W9                    0.380       0.013      29.095       0.000
    W10                   0.570       0.020      29.095       0.000
    W11                   0.988       0.034      29.095       0.000

 S2W      BY
    W1                  999.000     999.000     999.000     999.000
    W2                  999.000     999.000     999.000     999.000
    W3                  999.000     999.000     999.000     999.000
    W4                  999.000     999.000     999.000     999.000
    W5                  999.000     999.000     999.000     999.000
    W6                  999.000     999.000     999.000     999.000
    W7                  999.000     999.000     999.000     999.000
    W8                  999.000     999.000     999.000     999.000
    W9                  999.000     999.000     999.000     999.000
    W10                 999.000     999.000     999.000     999.000
    W11                 999.000     999.000     999.000     999.000

 S3W      BY
    W1                  999.000     999.000     999.000     999.000
    W2                  999.000     999.000     999.000     999.000
    W3                  999.000     999.000     999.000     999.000
    W4                  999.000     999.000     999.000     999.000
    W5                  999.000     999.000     999.000     999.000
    W6                  999.000     999.000     999.000     999.000
    W7                  999.000     999.000     999.000     999.000
```

W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S2W		999.000	999.000	999.000	999.000
S2W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S1W	WITH				
IW		0.960	0.012	82.292	0.000
W1	WITH				
W2		0.069	0.010	7.069	0.000
W3		0.028	0.005	6.084	0.000
W2	WITH				
W3		0.072	0.011	6.320	0.000
W4		0.028	0.006	4.729	0.000
W3	WITH				
W4		0.065	0.010	6.388	0.000
W5		0.032	0.006	5.252	0.000
W4	WITH				
W5		0.069	0.014	5.048	0.000
W6		0.031	0.006	4.810	0.000
W5	WITH				
W6		0.084	0.016	5.168	0.000
W7		0.030	0.008	4.009	0.000
W6	WITH				
W7		0.075	0.015	5.005	0.000
W8		0.033	0.009	3.584	0.000
W7	WITH				
W8		0.066	0.015	4.308	0.000
W9		0.029	0.007	4.145	0.000
W8	WITH				
W9		0.070	0.010	7.298	0.000
W10		0.029	0.005	5.780	0.000
W9	WITH				
W10		0.070	0.014	5.146	0.000
W11		0.056	0.024	2.372	0.018
W10	WITH				
W11		0.129	0.056	2.298	0.022
Means					
IW		10.803	0.365	29.584	0.000
S1W		6.457	1.361	4.745	0.000
S2W		999.000	999.000	999.000	999.000
S3W		999.000	999.000	999.000	999.000
Intercepts					
W1		0.000	0.000	999.000	999.000
W2		0.000	0.000	999.000	999.000
W3		0.000	0.000	999.000	999.000
W4		0.000	0.000	999.000	999.000
W5		0.000	0.000	999.000	999.000

W6	0.000	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.000	0.000	999.000	999.000
W9	0.000	0.000	999.000	999.000
W10	0.000	0.000	999.000	999.000
W11	0.000	0.000	999.000	999.000

 Variances
IW	1.000	0.000	999.000	999.000
S1W	1.000	0.000	999.000	999.000
S2W	999.000	999.000	999.000	999.000
S3W	999.000	999.000	999.000	999.000

 Residual Variances
W1	0.145	0.037	3.898	0.000
W2	0.169	0.036	4.725	0.000
W3	0.159	0.026	6.199	0.000
W4	0.137	0.029	4.787	0.000
W5	0.181	0.041	4.465	0.000
W6	0.202	0.046	4.370	0.000
W7	0.144	0.045	3.199	0.001
W8	0.157	0.050	3.152	0.002
W9	0.163	0.036	4.455	0.000
W10	0.156	0.032	4.841	0.000
W11	0.552	0.392	1.410	0.159

Latent Class 3

 IW   BY
W1	1.202	0.040	30.142	0.000
W2	1.202	0.040	30.142	0.000
W3	1.202	0.040	30.142	0.000
W4	1.202	0.040	30.142	0.000
W5	1.202	0.040	30.142	0.000
W6	1.202	0.040	30.142	0.000
W7	1.202	0.040	30.142	0.000
W8	1.202	0.040	30.142	0.000
W9	1.202	0.040	30.142	0.000
W10	1.202	0.040	30.142	0.000
W11	1.202	0.040	30.142	0.000

 S1W   BY
W1	-0.988	0.034	-29.095	0.000
W2	-0.874	0.030	-29.095	0.000
W3	-0.722	0.025	-29.095	0.000
W4	-0.608	0.021	-29.095	0.000
W5	-0.418	0.014	-29.095	0.000
W6	-0.190	0.007	-29.095	0.000
W7	0.000	0.000	999.000	999.000
W8	0.190	0.007	29.095	0.000
W9	0.380	0.013	29.095	0.000
W10	0.570	0.020	29.095	0.000
W11	0.988	0.034	29.095	0.000

 S2W   BY
W1	999.000	999.000	999.000	999.000
W2	999.000	999.000	999.000	999.000
W3	999.000	999.000	999.000	999.000
W4	999.000	999.000	999.000	999.000
W5	999.000	999.000	999.000	999.000
W6	999.000	999.000	999.000	999.000
W7	999.000	999.000	999.000	999.000
W8	999.000	999.000	999.000	999.000
W9	999.000	999.000	999.000	999.000
W10	999.000	999.000	999.000	999.000
W11	999.000	999.000	999.000	999.000

 S3W   BY

W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S2W		999.000	999.000	999.000	999.000
S2W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S1W	WITH				
IW		0.960	0.012	82.292	0.000
W1	WITH				
W2		0.047	0.012	4.003	0.000
W3		0.030	0.006	4.853	0.000
W2	WITH				
W3		0.052	0.013	4.011	0.000
W4		0.023	0.006	3.834	0.000
W3	WITH				
W4		0.083	0.019	4.414	0.000
W5		0.041	0.011	3.628	0.000
W4	WITH				
W5		0.100	0.030	3.365	0.001
W6		0.085	0.029	2.900	0.004
W5	WITH				
W6		0.233	0.072	3.216	0.001
W7		0.094	0.027	3.525	0.000
W6	WITH				
W7		0.450	0.253	1.782	0.075
W8		0.261	0.141	1.854	0.064
W7	WITH				
W8		0.588	0.339	1.736	0.082
W9		0.224	0.114	1.958	0.050
W8	WITH				
W9		0.722	0.365	1.976	0.048
W10		0.440	0.216	2.041	0.041
W9	WITH				
W10		0.931	0.434	2.148	0.032
W11		0.515	0.200	2.572	0.010
W10	WITH				
W11		1.746	0.688	2.536	0.011
Means					
IW		12.119	0.430	28.211	0.000
S1W		15.933	1.718	9.274	0.000
S2W		999.000	999.000	999.000	999.000
S3W		999.000	999.000	999.000	999.000

```
  Intercepts
    W1                    0.000       0.000     999.000     999.000
    W2                    0.000       0.000     999.000     999.000
    W3                    0.000       0.000     999.000     999.000
    W4                    0.000       0.000     999.000     999.000
    W5                    0.000       0.000     999.000     999.000
    W6                    0.000       0.000     999.000     999.000
    W7                    0.000       0.000     999.000     999.000
    W8                    0.000       0.000     999.000     999.000
    W9                    0.000       0.000     999.000     999.000
    W10                   0.000       0.000     999.000     999.000
    W11                   0.000       0.000     999.000     999.000

  Variances
    IW                    1.000       0.000     999.000     999.000
    S1W                   1.000       0.000     999.000     999.000
    S2W                 999.000     999.000     999.000     999.000
    S3W                 999.000     999.000     999.000     999.000

  Residual Variances
    W1                    0.145       0.042       3.456       0.001
    W2                    0.078       0.028       2.758       0.006
    W3                    0.182       0.048       3.804       0.000
    W4                    0.196       0.058       3.402       0.001
    W5                    0.262       0.097       2.704       0.007
    W6                    1.070       0.589       1.817       0.069
    W7                    0.977       0.575       1.701       0.089
    W8                    1.827       1.031       1.771       0.077
    W9                    1.472       0.683       2.156       0.031
    W10                   3.044       1.480       2.057       0.040
    W11                   5.170       1.732       2.985       0.003

Latent Class 4

  IW       BY
    W1                    1.202       0.040      30.142       0.000
    W2                    1.202       0.040      30.142       0.000
    W3                    1.202       0.040      30.142       0.000
    W4                    1.202       0.040      30.142       0.000
    W5                    1.202       0.040      30.142       0.000
    W6                    1.202       0.040      30.142       0.000
    W7                    1.202       0.040      30.142       0.000
    W8                    1.202       0.040      30.142       0.000
    W9                    1.202       0.040      30.142       0.000
    W10                   1.202       0.040      30.142       0.000
    W11                   1.202       0.040      30.142       0.000

  S1W      BY
    W1                   -0.988       0.034     -29.095       0.000
    W2                   -0.874       0.030     -29.095       0.000
    W3                   -0.722       0.025     -29.095       0.000
    W4                   -0.608       0.021     -29.095       0.000
    W5                   -0.418       0.014     -29.095       0.000
    W6                   -0.190       0.007     -29.095       0.000
    W7                    0.000       0.000     999.000     999.000
    W8                    0.190       0.007      29.095       0.000
    W9                    0.380       0.013      29.095       0.000
    W10                   0.570       0.020      29.095       0.000
    W11                   0.988       0.034      29.095       0.000

  S2W      BY
    W1                  999.000     999.000     999.000     999.000
    W2                  999.000     999.000     999.000     999.000
    W3                  999.000     999.000     999.000     999.000
    W4                  999.000     999.000     999.000     999.000
    W5                  999.000     999.000     999.000     999.000
    W6                  999.000     999.000     999.000     999.000
```

W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	BY				
W1		999.000	999.000	999.000	999.000
W2		999.000	999.000	999.000	999.000
W3		999.000	999.000	999.000	999.000
W4		999.000	999.000	999.000	999.000
W5		999.000	999.000	999.000	999.000
W6		999.000	999.000	999.000	999.000
W7		999.000	999.000	999.000	999.000
W8		999.000	999.000	999.000	999.000
W9		999.000	999.000	999.000	999.000
W10		999.000	999.000	999.000	999.000
W11		999.000	999.000	999.000	999.000
S3W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S2W		999.000	999.000	999.000	999.000
S2W	WITH				
IW		999.000	999.000	999.000	999.000
S1W		999.000	999.000	999.000	999.000
S1W	WITH				
IW		0.960	0.012	82.292	0.000
W1	WITH				
W2		0.097	0.017	5.601	0.000
W3		0.036	0.008	4.583	0.000
W2	WITH				
W3		0.140	0.024	5.850	0.000
W4		0.056	0.009	6.256	0.000
W3	WITH				
W4		0.117	0.017	6.725	0.000
W5		0.044	0.008	5.387	0.000
W4	WITH				
W5		0.098	0.013	7.604	0.000
W6		0.055	0.008	7.195	0.000
W5	WITH				
W6		0.116	0.017	6.949	0.000
W7		0.035	0.005	6.887	0.000
W6	WITH				
W7		0.109	0.018	6.213	0.000
W8		0.045	0.007	6.256	0.000
W7	WITH				
W8		0.075	0.009	8.108	0.000
W9		0.037	0.006	6.023	0.000
W8	WITH				
W9		0.086	0.010	8.230	0.000
W10		0.034	0.005	6.383	0.000
W9	WITH				
W10		0.093	0.019	4.854	0.000
W11		0.060	0.011	5.674	0.000
W10	WITH				

W11	0.131	0.020	6.711	0.000

Means
IW	12.514	0.468	26.718	0.000
S1W	7.745	0.588	13.175	0.000
S2W	999.000	999.000	999.000	999.000
S3W	999.000	999.000	999.000	999.000

Intercepts
W1	0.000	0.000	999.000	999.000
W2	0.000	0.000	999.000	999.000
W3	0.000	0.000	999.000	999.000
W4	0.000	0.000	999.000	999.000
W5	0.000	0.000	999.000	999.000
W6	0.000	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.000	0.000	999.000	999.000
W9	0.000	0.000	999.000	999.000
W10	0.000	0.000	999.000	999.000
W11	0.000	0.000	999.000	999.000

Variances
IW	1.000	0.000	999.000	999.000
S1W	1.000	0.000	999.000	999.000
S2W	999.000	999.000	999.000	999.000
S3W	999.000	999.000	999.000	999.000

Residual Variances
W1	0.135	0.036	3.741	0.000
W2	0.360	0.063	5.737	0.000
W3	0.283	0.056	5.046	0.000
W4	0.249	0.033	7.618	0.000
W5	0.198	0.033	6.014	0.000
W6	0.351	0.079	4.469	0.000
W7	0.174	0.026	6.587	0.000
W8	0.168	0.033	5.071	0.000
W9	0.228	0.054	4.212	0.000
W10	0.194	0.043	4.553	0.000
W11	0.459	0.092	4.968	0.000

Latent Class 5

IW   BY
W1	1.202	0.040	30.142	0.000
W2	1.202	0.040	30.142	0.000
W3	1.202	0.040	30.142	0.000
W4	1.202	0.040	30.142	0.000
W5	1.202	0.040	30.142	0.000
W6	1.202	0.040	30.142	0.000
W7	1.202	0.040	30.142	0.000
W8	1.202	0.040	30.142	0.000
W9	1.202	0.040	30.142	0.000
W10	1.202	0.040	30.142	0.000
W11	1.202	0.040	30.142	0.000

S1W   BY
W1	-0.988	0.034	-29.095	0.000
W2	-0.874	0.030	-29.095	0.000
W3	-0.722	0.025	-29.095	0.000
W4	-0.608	0.021	-29.095	0.000
W5	-0.418	0.014	-29.095	0.000
W6	-0.190	0.007	-29.095	0.000
W7	0.000	0.000	999.000	999.000
W8	0.190	0.007	29.095	0.000
W9	0.380	0.013	29.095	0.000
W10	0.570	0.020	29.095	0.000
W11	0.988	0.034	29.095	0.000

```
 S2W         BY
     W1                  999.000      999.000      999.000      999.000
     W2                  999.000      999.000      999.000      999.000
     W3                  999.000      999.000      999.000      999.000
     W4                  999.000      999.000      999.000      999.000
     W5                  999.000      999.000      999.000      999.000
     W6                  999.000      999.000      999.000      999.000
     W7                  999.000      999.000      999.000      999.000
     W8                  999.000      999.000      999.000      999.000
     W9                  999.000      999.000      999.000      999.000
     W10                 999.000      999.000      999.000      999.000
     W11                 999.000      999.000      999.000      999.000

 S3W         BY
     W1                  999.000      999.000      999.000      999.000
     W2                  999.000      999.000      999.000      999.000
     W3                  999.000      999.000      999.000      999.000
     W4                  999.000      999.000      999.000      999.000
     W5                  999.000      999.000      999.000      999.000
     W6                  999.000      999.000      999.000      999.000
     W7                  999.000      999.000      999.000      999.000
     W8                  999.000      999.000      999.000      999.000
     W9                  999.000      999.000      999.000      999.000
     W10                 999.000      999.000      999.000      999.000
     W11                 999.000      999.000      999.000      999.000

 S3W         WITH
     IW                  999.000      999.000      999.000      999.000
     S1W                 999.000      999.000      999.000      999.000
     S2W                 999.000      999.000      999.000      999.000

 S2W         WITH
     IW                  999.000      999.000      999.000      999.000
     S1W                 999.000      999.000      999.000      999.000

 S1W         WITH
     IW                    0.960        0.012       82.292        0.000

 W1          WITH
     W2                    0.069        0.019        3.556        0.000
     W3                    0.026        0.006        4.472        0.000

 W2          WITH
     W3                    0.073        0.024        3.076        0.002
     W4                    0.028        0.008        3.652        0.000

 W3          WITH
     W4                    0.059        0.015        3.889        0.000
     W5                    0.024        0.006        3.848        0.000

 W4          WITH
     W5                    0.052        0.013        4.054        0.000
     W6                    0.035        0.005        6.670        0.000

 W5          WITH
     W6                    0.080        0.015        5.385        0.000
     W7                    0.023        0.005        4.972        0.000

 W6          WITH
     W7                    0.087        0.012        7.211        0.000
     W8                    0.046        0.007        6.416        0.000

 W7          WITH
     W8                    0.072        0.011        6.613        0.000
     W9                    0.034        0.006        5.408        0.000

 W8          WITH
     W9                    0.099        0.009       11.001        0.000
```

W10	0.039	0.005	7.669	0.000

W9   WITH

W10	0.102	0.014	7.176	0.000
W11	0.080	0.028	2.805	0.005

W10   WITH

W11	0.173	0.053	3.302	0.001

Means

IW	11.403	0.429	26.599	0.000
S1W	9.226	1.727	5.342	0.000
S2W	999.000	999.000	999.000	999.000
S3W	999.000	999.000	999.000	999.000

Intercepts

W1	0.000	0.000	999.000	999.000
W2	0.000	0.000	999.000	999.000
W3	0.000	0.000	999.000	999.000
W4	0.000	0.000	999.000	999.000
W5	0.000	0.000	999.000	999.000
W6	0.000	0.000	999.000	999.000
W7	0.000	0.000	999.000	999.000
W8	0.000	0.000	999.000	999.000
W9	0.000	0.000	999.000	999.000
W10	0.000	0.000	999.000	999.000
W11	0.000	0.000	999.000	999.000

Variances

IW	1.000	0.000	999.000	999.000
S1W	1.000	0.000	999.000	999.000
S2W	999.000	999.000	999.000	999.000
S3W	999.000	999.000	999.000	999.000

Residual Variances

W1	0.132	0.032	4.196	0.000
W2	0.187	0.068	2.757	0.006
W3	0.146	0.043	3.402	0.001
W4	0.122	0.028	4.291	0.000
W5	0.114	0.032	3.596	0.000
W6	0.293	0.032	9.023	0.000
W7	0.133	0.036	3.658	0.000
W8	0.203	0.039	5.225	0.000
W9	0.250	0.042	5.962	0.000
W10	0.213	0.033	6.432	0.000
W11	0.729	0.409	1.782	0.075

R-SQUARE

Class 1

Observed Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
W1	0.398	0.082	4.861	0.000
W2	0.285	0.048	5.999	0.000
W3	0.272	0.047	5.797	0.000
W4	0.430	0.062	6.891	0.000
W5	0.550	0.059	9.263	0.000
W6	0.629	0.077	8.153	0.000
W7	0.595	0.065	9.119	0.000
W8	0.723	0.058	12.410	0.000
W9	0.699	0.058	11.980	0.000
W10	0.794	0.041	19.599	0.000
W11	0.618	0.057	10.776	0.000

Class 2

Observed Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
W1	0.493	0.100	4.943	0.000
W2	0.531	0.046	11.467	0.000
W3	0.653	0.038	17.045	0.000
W4	0.750	0.039	19.274	0.000
W5	0.784	0.036	21.896	0.000
W6	0.837	0.032	26.254	0.000
W7	0.909	0.024	37.140	0.000
W8	0.925	0.022	41.138	0.000
W9	0.938	0.013	73.074	0.000
W10	0.952	0.009	103.307	0.000
W11	0.895	0.065	13.738	0.000

Class 3

Observed Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
W1	0.492	0.084	5.849	0.000
W2	0.711	0.083	8.597	0.000
W3	0.623	0.064	9.762	0.000
W4	0.678	0.064	10.562	0.000
W5	0.714	0.076	9.373	0.000
W6	0.493	0.133	3.706	0.000
W7	0.597	0.137	4.344	0.000
W8	0.512	0.137	3.753	0.000
W9	0.626	0.104	6.004	0.000
W10	0.503	0.117	4.285	0.000
W11	0.476	0.080	5.972	0.000

Class 4

Observed Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
W1	0.510	0.086	5.897	0.000
W2	0.347	0.041	8.484	0.000
W3	0.514	0.050	10.328	0.000
W4	0.623	0.034	18.482	0.000
W5	0.768	0.031	24.916	0.000
W6	0.748	0.044	17.089	0.000
W7	0.893	0.015	59.535	0.000
W8	0.920	0.016	58.306	0.000
W9	0.915	0.019	48.592	0.000
W10	0.941	0.013	74.499	0.000
W11	0.911	0.017	54.585	0.000

Class 5

Observed Variable	Estimate	S.E.	Est./S.E.	Two-Tailed P-Value
W1	0.515	0.099	5.176	0.000
W2	0.505	0.111	4.554	0.000
W3	0.673	0.074	9.126	0.000
W4	0.771	0.045	17.006	0.000
W5	0.852	0.037	22.949	0.000
W6	0.781	0.023	34.550	0.000
W7	0.916	0.023	39.737	0.000
W8	0.904	0.017	52.549	0.000
W9	0.908	0.016	57.817	0.000
W10	0.935	0.011	88.246	0.000
W11	0.866	0.067	12.937	0.000

QUALITY OF NUMERICAL RESULTS

    Condition Number for the Information Matrix   0.665E-06
        (ratio of smallest to largest eigenvalue)

CONFIDENCE INTERVALS OF MODEL RESULTS

	Lower .5%	Lower 2.5%	Lower 5%	Estimate	Upper 5%	Upper 2.5%	Upper .5%

Latent Class 1

 IW   BY

W1	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W2	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W3	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W4	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W5	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W6	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W7	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W8	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W9	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W10	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W11	1.000	1.000	1.000	1.000	1.000	1.000	1.000

 S1W   BY

W1	-2.600	-2.600	-2.600	-2.600	-2.600	-2.600	-2.600
W2	-2.300	-2.300	-2.300	-2.300	-2.300	-2.300	-2.300
W3	-1.900	-1.900	-1.900	-1.900	-1.900	-1.900	-1.900
W4	-1.600	-1.600	-1.600	-1.600	-1.600	-1.600	-1.600
W5	-1.100	-1.100	-1.100	-1.100	-1.100	-1.100	-1.100
W6	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500
W7	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W8	0.500	0.500	0.500	0.500	0.500	0.500	0.500
W9	1.000	1.000	1.000	1.000	1.000	1.000	1.000
W10	1.500	1.500	1.500	1.500	1.500	1.500	1.500
W11	2.600	2.600	2.600	2.600	2.600	2.600	2.600

 S2W   BY

W1	-1.280	-1.280	-1.280	-1.280	-1.280	-1.280	-1.280
W2	-1.020	-1.020	-1.020	-1.020	-1.020	-1.020	-1.020
W3	-0.750	-0.750	-0.750	-0.750	-0.750	-0.750	-0.750

W4	-0.590	-0.590	-0.590	-0.590	-0.590	-0.590
-0.590						
W5	-0.360	-0.360	-0.360	-0.360	-0.360	-0.360
-0.360						
W6	-0.150	-0.150	-0.150	-0.150	-0.150	-0.150
-0.150						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.130	0.130	0.130	0.130	0.130	0.130
0.130						
W9	0.250	0.250	0.250	0.250	0.250	0.250
0.250						
W10	0.350	0.350	0.350	0.350	0.350	0.350
0.350						
W11	0.540	0.540	0.540	0.540	0.540	0.540
0.540						

S3W   BY

W1	0.720	0.720	0.720	0.720	0.720	0.720
0.720						
W2	0.490	0.490	0.490	0.490	0.490	0.490
0.490						
W3	0.310	0.310	0.310	0.310	0.310	0.310
0.310						
W4	0.220	0.220	0.220	0.220	0.220	0.220
0.220						
W5	0.120	0.120	0.120	0.120	0.120	0.120
0.120						
W6	0.040	0.040	0.040	0.040	0.040	0.040
0.040						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040
-0.040						
W9	-0.060	-0.060	-0.060	-0.060	-0.060	-0.060
-0.060						
W10	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080
-0.080						
W11	-0.120	-0.120	-0.120	-0.120	-0.120	-0.120
-0.120						

S3W   WITH

IW	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S1W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S2W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

S2W   WITH

IW	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S1W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

S1W   WITH

IW	0.359	0.378	0.388	0.439	0.489	0.499
0.518						

W1   WITH

W2	0.077	0.092	0.100	0.141	0.182	0.189
0.205						
W3	0.042	0.051	0.055	0.077	0.099	0.104
0.112						

W2   WITH

W3	0.149	0.178	0.194	0.273	0.353	0.368
0.398						

W4	0.049	0.060	0.066	0.095	0.125	0.131
0.142						

W3   WITH

W4	0.137	0.174	0.193	0.291	0.390	0.408
0.445						
W5	0.061	0.076	0.083	0.122	0.161	0.169
0.184						

W4   WITH

W5	0.120	0.148	0.162	0.238	0.313	0.328
0.356						
W6	0.044	0.059	0.067	0.108	0.149	0.157
0.172						

W5   WITH

W6	0.102	0.138	0.156	0.252	0.349	0.367
0.403						
W7	0.058	0.076	0.086	0.136	0.185	0.195
0.214						

W6   WITH

W7	0.128	0.180	0.206	0.342	0.479	0.505
0.556						
W8	0.034	0.056	0.067	0.125	0.184	0.195
0.217						

W7   WITH

W8	0.140	0.196	0.225	0.374	0.524	0.553
0.609						
W9	0.077	0.104	0.118	0.191	0.263	0.277
0.304						

W8   WITH

W9	0.184	0.233	0.258	0.388	0.519	0.544
0.593						
W10	0.060	0.080	0.090	0.143	0.196	0.206
0.226						

W9   WITH

W10	0.183	0.236	0.264	0.405	0.546	0.574
0.626						
W11	0.158	0.198	0.219	0.328	0.436	0.457
0.498						

W10   WITH

W11	0.342	0.421	0.461	0.671	0.881	0.921
1.000						

Means

IW	14.796	15.026	15.144	15.759	16.375	16.493
16.723						
S1W	3.964	4.249	4.395	5.158	5.921	6.067
6.353						
S2W	−23.367	−21.935	−21.202	−17.376	−13.551	−12.818
−11.386						
S3W	−36.343	−34.673	−33.819	−29.357	−24.895	−24.041
−22.371						

Intercepts

W1	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W2	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W3	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W4	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

W5	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W6	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W9	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W10	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W11	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

Variances

IW	1.198	1.257	1.288	1.445	1.603	1.633
1.692						
S1W	0.119	0.125	0.128	0.144	0.161	0.164
0.170						
S2W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S3W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

Residual Variances

W1	0.076	0.109	0.126	0.213	0.300	0.316
0.349						
W2	0.235	0.294	0.324	0.480	0.637	0.667
0.725						
W3	0.349	0.458	0.513	0.804	1.094	1.150
1.259						
W4	0.213	0.292	0.333	0.545	0.758	0.798
0.878						
W5	0.225	0.300	0.338	0.536	0.735	0.773
0.847						
W6	0.104	0.226	0.288	0.614	0.940	1.002
1.124						
W7	0.305	0.468	0.551	0.985	1.418	1.501
1.664						
W8	0.189	0.320	0.387	0.735	1.083	1.150
1.281						
W9	0.295	0.478	0.571	1.060	1.549	1.643
1.826						
W10	0.308	0.425	0.485	0.799	1.113	1.173
1.290						
W11	1.120	1.548	1.767	2.909	4.051	4.270
4.698						

Latent Class 2

IW   BY

W1	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W2	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W3	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W4	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W5	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W6	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W7	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W8	1.000	1.000	1.000	1.000	1.000	1.000
1.000						

W9	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W10	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W11	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
S1W BY						
W1	-2.600	-2.600	-2.600	-2.600	-2.600	-2.600
-2.600						
W2	-2.300	-2.300	-2.300	-2.300	-2.300	-2.300
-2.300						
W3	-1.900	-1.900	-1.900	-1.900	-1.900	-1.900
-1.900						
W4	-1.600	-1.600	-1.600	-1.600	-1.600	-1.600
-1.600						
W5	-1.100	-1.100	-1.100	-1.100	-1.100	-1.100
-1.100						
W6	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500
-0.500						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.500	0.500	0.500	0.500	0.500	0.500
0.500						
W9	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W10	1.500	1.500	1.500	1.500	1.500	1.500
1.500						
W11	2.600	2.600	2.600	2.600	2.600	2.600
2.600						
S2W BY						
W1	-1.280	-1.280	-1.280	-1.280	-1.280	-1.280
-1.280						
W2	-1.020	-1.020	-1.020	-1.020	-1.020	-1.020
-1.020						
W3	-0.750	-0.750	-0.750	-0.750	-0.750	-0.750
-0.750						
W4	-0.590	-0.590	-0.590	-0.590	-0.590	-0.590
-0.590						
W5	-0.360	-0.360	-0.360	-0.360	-0.360	-0.360
-0.360						
W6	-0.150	-0.150	-0.150	-0.150	-0.150	-0.150
-0.150						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.130	0.130	0.130	0.130	0.130	0.130
0.130						
W9	0.250	0.250	0.250	0.250	0.250	0.250
0.250						
W10	0.350	0.350	0.350	0.350	0.350	0.350
0.350						
W11	0.540	0.540	0.540	0.540	0.540	0.540
0.540						
S3W BY						
W1	0.720	0.720	0.720	0.720	0.720	0.720
0.720						
W2	0.490	0.490	0.490	0.490	0.490	0.490
0.490						
W3	0.310	0.310	0.310	0.310	0.310	0.310
0.310						
W4	0.220	0.220	0.220	0.220	0.220	0.220
0.220						
W5	0.120	0.120	0.120	0.120	0.120	0.120
0.120						
W6	0.040	0.040	0.040	0.040	0.040	0.040
0.040						

W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040
-0.040						
W9	-0.060	-0.060	-0.060	-0.060	-0.060	-0.060
-0.060						
W10	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080
-0.080						
W11	-0.120	-0.120	-0.120	-0.120	-0.120	-0.120
-0.120						

S3W   WITH

IW	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S1W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S2W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

S2W   WITH

IW	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S1W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

S1W   WITH

IW	0.359	0.378	0.388	0.439	0.489	0.499
0.518						

W1   WITH

W2	0.044	0.050	0.053	0.069	0.085	0.088
0.094						
W3	0.016	0.019	0.021	0.028	0.036	0.037
0.040						

W2   WITH

W3	0.043	0.050	0.053	0.072	0.091	0.095
0.102						
W4	0.013	0.017	0.018	0.028	0.038	0.040
0.044						

W3   WITH

W4	0.039	0.045	0.048	0.065	0.082	0.085
0.091						
W5	0.016	0.020	0.022	0.032	0.042	0.043
0.047						

W4   WITH

W5	0.034	0.042	0.047	0.069	0.092	0.096
0.105						
W6	0.014	0.018	0.020	0.031	0.042	0.044
0.048						

W5   WITH

W6	0.042	0.052	0.057	0.084	0.111	0.116
0.126						
W7	0.011	0.015	0.018	0.030	0.042	0.045
0.049						

W6   WITH

W7	0.036	0.046	0.050	0.075	0.100	0.105
0.114						
W8	0.009	0.015	0.018	0.033	0.048	0.051
0.057						

W7   WITH

W8	0.027	0.036	0.041	0.066	0.091	0.096
0.106						

W9	0.011	0.015	0.017	0.029	0.040	0.042
	0.046					

W8   WITH

W9	0.045	0.051	0.054	0.070	0.086	0.089
	0.095					
W10	0.016	0.019	0.021	0.029	0.037	0.039
	0.042					

W9   WITH

W10	0.035	0.043	0.048	0.070	0.092	0.097
	0.105					
W11	-0.005	0.010	0.017	0.056	0.095	0.102
	0.117					

W10   WITH

W11	-0.016	0.019	0.037	0.129	0.221	0.239
	0.274					

Means

IW	12.374	12.521	12.596	12.988	13.380	13.455
	13.602					
S1W	1.116	1.436	1.599	2.454	3.310	3.473
	3.793					
S2W	-10.469	-9.096	-8.394	-4.727	-1.060	-0.358
	1.015					
S3W	-17.831	-16.621	-16.003	-12.772	-9.541	-8.922
	-7.712					

Intercepts

W1	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W2	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W3	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W4	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W5	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W6	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W7	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W8	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W9	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W10	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W11	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					

Variances

IW	1.198	1.257	1.288	1.445	1.603	1.633
	1.692					
S1W	0.119	0.125	0.128	0.144	0.161	0.164
	0.170					
S2W	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
S3W	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					

Residual Variances

W1	0.049	0.072	0.084	0.145	0.206	0.218
	0.241					
W2	0.077	0.099	0.110	0.169	0.228	0.239
	0.261					

W3	0.093	0.109	0.117	0.159	0.202	0.210
0.226						
W4	0.063	0.081	0.090	0.137	0.184	0.193
0.210						
W5	0.077	0.101	0.114	0.181	0.247	0.260
0.285						
W6	0.083	0.112	0.126	0.202	0.278	0.293
0.322						
W7	0.028	0.056	0.070	0.144	0.218	0.232
0.260						
W8	0.029	0.059	0.075	0.157	0.239	0.254
0.285						
W9	0.069	0.091	0.103	0.163	0.223	0.234
0.257						
W10	0.073	0.093	0.103	0.156	0.209	0.219
0.239						
W11	-0.457	-0.215	-0.092	0.552	1.196	1.320
1.561						

Latent Class 3

IW   BY

W1	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W2	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W3	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W4	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W5	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W6	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W7	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W8	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W9	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W10	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W11	1.000	1.000	1.000	1.000	1.000	1.000
1.000						

S1W   BY

W1	-2.600	-2.600	-2.600	-2.600	-2.600	-2.600
-2.600						
W2	-2.300	-2.300	-2.300	-2.300	-2.300	-2.300
-2.300						
W3	-1.900	-1.900	-1.900	-1.900	-1.900	-1.900
-1.900						
W4	-1.600	-1.600	-1.600	-1.600	-1.600	-1.600
-1.600						
W5	-1.100	-1.100	-1.100	-1.100	-1.100	-1.100
-1.100						
W6	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500
-0.500						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.500	0.500	0.500	0.500	0.500	0.500
0.500						
W9	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W10	1.500	1.500	1.500	1.500	1.500	1.500
1.500						
W11	2.600	2.600	2.600	2.600	2.600	2.600
2.600						

S2W	BY					
W1	-1.280	-1.280	-1.280	-1.280	-1.280	-1.280
	-1.280					
W2	-1.020	-1.020	-1.020	-1.020	-1.020	-1.020
	-1.020					
W3	-0.750	-0.750	-0.750	-0.750	-0.750	-0.750
	-0.750					
W4	-0.590	-0.590	-0.590	-0.590	-0.590	-0.590
	-0.590					
W5	-0.360	-0.360	-0.360	-0.360	-0.360	-0.360
	-0.360					
W6	-0.150	-0.150	-0.150	-0.150	-0.150	-0.150
	-0.150					
W7	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W8	0.130	0.130	0.130	0.130	0.130	0.130
	0.130					
W9	0.250	0.250	0.250	0.250	0.250	0.250
	0.250					
W10	0.350	0.350	0.350	0.350	0.350	0.350
	0.350					
W11	0.540	0.540	0.540	0.540	0.540	0.540
	0.540					

S3W	BY					
W1	0.720	0.720	0.720	0.720	0.720	0.720
	0.720					
W2	0.490	0.490	0.490	0.490	0.490	0.490
	0.490					
W3	0.310	0.310	0.310	0.310	0.310	0.310
	0.310					
W4	0.220	0.220	0.220	0.220	0.220	0.220
	0.220					
W5	0.120	0.120	0.120	0.120	0.120	0.120
	0.120					
W6	0.040	0.040	0.040	0.040	0.040	0.040
	0.040					
W7	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W8	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040
	-0.040					
W9	-0.060	-0.060	-0.060	-0.060	-0.060	-0.060
	-0.060					
W10	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080
	-0.080					
W11	-0.120	-0.120	-0.120	-0.120	-0.120	-0.120
	-0.120					

S3W	WITH					
IW	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
S1W	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
S2W	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					

S2W	WITH					
IW	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
S1W	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					

S1W	WITH					
IW	0.359	0.378	0.388	0.439	0.489	0.499
	0.518					

W1	WITH					

W2	0.017	0.024	0.028	0.047	0.066	0.070
0.077						
W3	0.014	0.018	0.020	0.030	0.041	0.042
0.046						
W2 WITH						
W3	0.019	0.027	0.031	0.052	0.074	0.078
0.086						
W4	0.008	0.011	0.013	0.023	0.033	0.035
0.038						
W3 WITH						
W4	0.035	0.046	0.052	0.083	0.114	0.120
0.131						
W5	0.012	0.019	0.022	0.041	0.059	0.063
0.070						
W4 WITH						
W5	0.023	0.042	0.051	0.100	0.148	0.158
0.176						
W6	0.010	0.028	0.037	0.085	0.134	0.143
0.161						
W5 WITH						
W6	0.046	0.091	0.114	0.233	0.352	0.375
0.420						
W7	0.025	0.042	0.050	0.094	0.138	0.147
0.163						
W6 WITH						
W7	-0.201	-0.045	0.034	0.450	0.866	0.945
1.101						
W8	-0.101	-0.015	0.029	0.261	0.492	0.537
0.623						
W7 WITH						
W8	-0.284	-0.076	0.031	0.588	1.145	1.252
1.460						
W9	-0.071	0.000	0.036	0.224	0.412	0.448
0.518						
W8 WITH						
W9	-0.219	0.006	0.121	0.722	1.322	1.437
1.662						
W10	-0.115	0.018	0.085	0.440	0.794	0.862
0.995						
W9 WITH						
W10	-0.185	0.082	0.218	0.931	1.645	1.781
2.048						
W11	-0.001	0.122	0.185	0.515	0.844	0.907
1.030						
W10 WITH						
W11	-0.027	0.397	0.614	1.746	2.878	3.095
3.519						
Means						
IW	13.561	13.802	13.926	14.570	15.214	15.337
15.578						
S1W	4.321	4.736	4.948	6.056	7.164	7.376
7.791						
S2W	-22.248	-20.794	-20.050	-16.165	-12.281	-11.537
-10.083						
S3W	-27.595	-26.319	-25.666	-22.257	-18.848	-18.195
-16.919						
Intercepts						

W1	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W2	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W3	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W4	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W5	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W6	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W9	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W10	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W11	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

Variances

IW	1.198	1.257	1.288	1.445	1.603	1.633
1.692						
S1W	0.119	0.125	0.128	0.144	0.161	0.164
0.170						
S2W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S3W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

Residual Variances

W1	0.037	0.063	0.076	0.145	0.214	0.227
0.253						
W2	0.005	0.023	0.031	0.078	0.124	0.133
0.150						
W3	0.059	0.088	0.103	0.182	0.260	0.275
0.305						
W4	0.048	0.083	0.101	0.196	0.290	0.308
0.344						
W5	0.012	0.072	0.103	0.262	0.422	0.452
0.512						
W6	-0.447	-0.084	0.101	1.070	2.039	2.225
2.588						
W7	-0.503	-0.149	0.032	0.977	1.922	2.103
2.457						
W8	-0.830	-0.195	0.130	1.827	3.523	3.848
4.483						
W9	-0.287	0.134	0.349	1.472	2.595	2.810
3.231						
W10	-0.767	0.144	0.610	3.044	5.478	5.945
6.856						
W11	0.709	1.776	2.321	5.170	8.019	8.564
9.631						

Latent Class 4

IW   BY

W1	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W2	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W3	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W4	1.000	1.000	1.000	1.000	1.000	1.000
1.000						

W5	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W6	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W7	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W8	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W9	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W10	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W11	1.000	1.000	1.000	1.000	1.000	1.000
1.000						

S1W   BY

W1	-2.600	-2.600	-2.600	-2.600	-2.600	-2.600
-2.600						
W2	-2.300	-2.300	-2.300	-2.300	-2.300	-2.300
-2.300						
W3	-1.900	-1.900	-1.900	-1.900	-1.900	-1.900
-1.900						
W4	-1.600	-1.600	-1.600	-1.600	-1.600	-1.600
-1.600						
W5	-1.100	-1.100	-1.100	-1.100	-1.100	-1.100
-1.100						
W6	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500
-0.500						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.500	0.500	0.500	0.500	0.500	0.500
0.500						
W9	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W10	1.500	1.500	1.500	1.500	1.500	1.500
1.500						
W11	2.600	2.600	2.600	2.600	2.600	2.600
2.600						

S2W   BY

W1	-1.280	-1.280	-1.280	-1.280	-1.280	-1.280
-1.280						
W2	-1.020	-1.020	-1.020	-1.020	-1.020	-1.020
-1.020						
W3	-0.750	-0.750	-0.750	-0.750	-0.750	-0.750
-0.750						
W4	-0.590	-0.590	-0.590	-0.590	-0.590	-0.590
-0.590						
W5	-0.360	-0.360	-0.360	-0.360	-0.360	-0.360
-0.360						
W6	-0.150	-0.150	-0.150	-0.150	-0.150	-0.150
-0.150						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.130	0.130	0.130	0.130	0.130	0.130
0.130						
W9	0.250	0.250	0.250	0.250	0.250	0.250
0.250						
W10	0.350	0.350	0.350	0.350	0.350	0.350
0.350						
W11	0.540	0.540	0.540	0.540	0.540	0.540
0.540						

S3W   BY

W1	0.720	0.720	0.720	0.720	0.720	0.720
0.720						
W2	0.490	0.490	0.490	0.490	0.490	0.490
0.490						

W3	0.310	0.310	0.310	0.310	0.310	0.310
0.310						
W4	0.220	0.220	0.220	0.220	0.220	0.220
0.220						
W5	0.120	0.120	0.120	0.120	0.120	0.120
0.120						
W6	0.040	0.040	0.040	0.040	0.040	0.040
0.040						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040
-0.040						
W9	-0.060	-0.060	-0.060	-0.060	-0.060	-0.060
-0.060						
W10	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080
-0.080						
W11	-0.120	-0.120	-0.120	-0.120	-0.120	-0.120
-0.120						
S3W WITH						
IW	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S1W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S2W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S2W WITH						
IW	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S1W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S1W WITH						
IW	0.359	0.378	0.388	0.439	0.489	0.499
0.518						
W1 WITH						
W2	0.052	0.063	0.069	0.097	0.126	0.131
0.142						
W3	0.016	0.021	0.023	0.036	0.050	0.052
0.057						
W2 WITH						
W3	0.079	0.093	0.101	0.140	0.180	0.187
0.202						
W4	0.033	0.038	0.041	0.056	0.071	0.073
0.079						
W3 WITH						
W4	0.072	0.083	0.088	0.117	0.145	0.151
0.162						
W5	0.023	0.028	0.031	0.044	0.058	0.060
0.065						
W4 WITH						
W5	0.065	0.073	0.077	0.098	0.119	0.123
0.131						
W6	0.035	0.040	0.043	0.055	0.068	0.070
0.075						
W5 WITH						
W6	0.073	0.083	0.089	0.116	0.144	0.149
0.159						
W7	0.022	0.025	0.026	0.035	0.043	0.045
0.048						
W6 WITH						

W7	0.064	0.074	0.080	0.109	0.138	0.143
0.154						
W8	0.027	0.031	0.033	0.045	0.057	0.060
0.064						

W7   WITH

W8	0.051	0.057	0.060	0.075	0.090	0.093
0.099						
W9	0.021	0.025	0.027	0.037	0.047	0.049
0.053						

W8   WITH

W9	0.059	0.066	0.069	0.086	0.103	0.107
0.113						
W10	0.020	0.023	0.025	0.034	0.042	0.044
0.047						

W9   WITH

W10	0.043	0.055	0.061	0.093	0.124	0.130
0.142						
W11	0.033	0.040	0.043	0.060	0.078	0.081
0.088						

W10   WITH

W11	0.081	0.093	0.099	0.131	0.163	0.170
0.182						

Means

IW	14.267	14.453	14.548	15.044	15.540	15.635
15.821						
S1W	2.409	2.537	2.602	2.944	3.286	3.351
3.479						
S2W	-13.409	-12.515	-12.058	-9.671	-7.284	-6.827
-5.933						
S3W	-27.945	-26.647	-25.984	-22.517	-19.051	-18.388
-17.090						

Intercepts

W1	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W2	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W3	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W4	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W5	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W6	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W9	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W10	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W11	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

Variances

IW	1.198	1.257	1.288	1.445	1.603	1.633
1.692						
S1W	0.119	0.125	0.128	0.144	0.161	0.164
0.170						
S2W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

S3W	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					

 Residual Variances

W1	0.042	0.064	0.076	0.135	0.195	0.206
	0.228					
W2	0.198	0.237	0.257	0.360	0.463	0.483
	0.522					
W3	0.138	0.173	0.191	0.283	0.375	0.393
	0.427					
W4	0.165	0.185	0.196	0.249	0.303	0.314
	0.334					
W5	0.113	0.134	0.144	0.198	0.253	0.263
	0.283					
W6	0.149	0.197	0.222	0.351	0.481	0.506
	0.554					
W7	0.106	0.122	0.131	0.174	0.217	0.226
	0.242					
W8	0.083	0.103	0.113	0.168	0.222	0.233
	0.253					
W9	0.089	0.122	0.139	0.228	0.318	0.335
	0.368					
W10	0.084	0.111	0.124	0.194	0.264	0.278
	0.304					
W11	0.221	0.278	0.307	0.459	0.610	0.640
	0.696					

Latent Class 5

 IW   BY

W1	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
W2	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
W3	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
W4	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
W5	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
W6	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
W7	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
W8	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
W9	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
W10	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
W11	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					

 S1W   BY

W1	-2.600	-2.600	-2.600	-2.600	-2.600	-2.600
	-2.600					
W2	-2.300	-2.300	-2.300	-2.300	-2.300	-2.300
	-2.300					
W3	-1.900	-1.900	-1.900	-1.900	-1.900	-1.900
	-1.900					
W4	-1.600	-1.600	-1.600	-1.600	-1.600	-1.600
	-1.600					
W5	-1.100	-1.100	-1.100	-1.100	-1.100	-1.100
	-1.100					
W6	-0.500	-0.500	-0.500	-0.500	-0.500	-0.500
	-0.500					
W7	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					

W8	0.500	0.500	0.500	0.500	0.500	0.500
0.500						
W9	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
W10	1.500	1.500	1.500	1.500	1.500	1.500
1.500						
W11	2.600	2.600	2.600	2.600	2.600	2.600
2.600						

S2W   BY

W1	-1.280	-1.280	-1.280	-1.280	-1.280	-1.280
-1.280						
W2	-1.020	-1.020	-1.020	-1.020	-1.020	-1.020
-1.020						
W3	-0.750	-0.750	-0.750	-0.750	-0.750	-0.750
-0.750						
W4	-0.590	-0.590	-0.590	-0.590	-0.590	-0.590
-0.590						
W5	-0.360	-0.360	-0.360	-0.360	-0.360	-0.360
-0.360						
W6	-0.150	-0.150	-0.150	-0.150	-0.150	-0.150
-0.150						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.130	0.130	0.130	0.130	0.130	0.130
0.130						
W9	0.250	0.250	0.250	0.250	0.250	0.250
0.250						
W10	0.350	0.350	0.350	0.350	0.350	0.350
0.350						
W11	0.540	0.540	0.540	0.540	0.540	0.540
0.540						

S3W   BY

W1	0.720	0.720	0.720	0.720	0.720	0.720
0.720						
W2	0.490	0.490	0.490	0.490	0.490	0.490
0.490						
W3	0.310	0.310	0.310	0.310	0.310	0.310
0.310						
W4	0.220	0.220	0.220	0.220	0.220	0.220
0.220						
W5	0.120	0.120	0.120	0.120	0.120	0.120
0.120						
W6	0.040	0.040	0.040	0.040	0.040	0.040
0.040						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	-0.040	-0.040	-0.040	-0.040	-0.040	-0.040
-0.040						
W9	-0.060	-0.060	-0.060	-0.060	-0.060	-0.060
-0.060						
W10	-0.080	-0.080	-0.080	-0.080	-0.080	-0.080
-0.080						
W11	-0.120	-0.120	-0.120	-0.120	-0.120	-0.120
-0.120						

S3W   WITH

IW	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S1W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S2W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

S2W   WITH

IW	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

S1W	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
S1W WITH						
IW	0.359	0.378	0.388	0.439	0.489	0.499
0.518						
W1 WITH						
W2	0.019	0.031	0.037	0.069	0.101	0.108
0.120						
W3	0.011	0.015	0.016	0.026	0.035	0.037
0.041						
W2 WITH						
W3	0.012	0.026	0.034	0.073	0.112	0.119
0.134						
W4	0.008	0.013	0.016	0.028	0.041	0.043
0.048						
W3 WITH						
W4	0.020	0.029	0.034	0.059	0.083	0.088
0.097						
W5	0.008	0.012	0.014	0.024	0.034	0.036
0.040						
W4 WITH						
W5	0.019	0.027	0.031	0.052	0.073	0.077
0.085						
W6	0.022	0.025	0.027	0.035	0.044	0.046
0.049						
W5 WITH						
W6	0.042	0.051	0.056	0.080	0.105	0.110
0.119						
W7	0.011	0.014	0.015	0.023	0.031	0.032
0.035						
W6 WITH						
W7	0.056	0.063	0.067	0.087	0.107	0.111
0.118						
W8	0.027	0.032	0.034	0.046	0.057	0.059
0.064						
W7 WITH						
W8	0.044	0.051	0.054	0.072	0.090	0.094
0.101						
W9	0.018	0.022	0.024	0.034	0.044	0.046
0.050						
W8 WITH						
W9	0.076	0.082	0.084	0.099	0.114	0.117
0.122						
W10	0.026	0.029	0.030	0.039	0.047	0.049
0.052						
W9 WITH						
W10	0.065	0.074	0.078	0.102	0.125	0.129
0.138						
W11	0.007	0.024	0.033	0.080	0.126	0.135
0.153						
W10 WITH						
W11	0.038	0.070	0.087	0.173	0.260	0.276
0.309						
Means						
IW	13.109	13.253	13.326	13.709	14.092	14.165
14.309						

S1W	1.853	2.248	2.450	3.507	4.563	4.766
	5.161					
S2W	-19.154	-17.264	-16.297	-11.248	-6.198	-5.232
	-3.341					
S3W	-29.279	-27.437	-26.495	-21.575	-16.656	-15.714
	-13.872					

Intercepts

W1	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W2	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W3	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W4	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W5	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W6	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W7	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W8	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W9	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W10	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W11	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					

Variances

IW	1.198	1.257	1.288	1.445	1.603	1.633
	1.692					
S1W	0.119	0.125	0.128	0.144	0.161	0.164
	0.170					
S2W	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
S3W	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					

Residual Variances

W1	0.051	0.071	0.081	0.132	0.184	0.194
	0.214					
W2	0.012	0.054	0.076	0.187	0.299	0.321
	0.363					
W3	0.035	0.062	0.075	0.146	0.216	0.229
	0.256					
W4	0.049	0.066	0.075	0.122	0.169	0.178
	0.195					
W5	0.032	0.052	0.062	0.114	0.165	0.175
	0.195					
W6	0.210	0.230	0.240	0.293	0.347	0.357
	0.377					
W7	0.039	0.062	0.073	0.133	0.193	0.204
	0.227					
W8	0.103	0.127	0.139	0.203	0.267	0.279
	0.303					
W9	0.142	0.168	0.181	0.250	0.319	0.333
	0.358					
W10	0.128	0.148	0.159	0.213	0.268	0.278
	0.298					
W11	-0.325	-0.073	0.056	0.729	1.402	1.531
	1.783					

Categorical Latent Variables

Means

C#1	-2.237	-2.062	-1.972	-1.504	-1.035	-0.945
-0.770						
C#2	-1.740	-1.439	-1.285	-0.482	0.321	0.475
0.775						
C#3	-3.834	-3.497	-3.324	-2.421	-1.519	-1.346
-1.009						
C#4	-2.390	-1.968	-1.753	-0.626	0.501	0.717
1.139						

New/Additional Parameters

CORR1	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
CORR2	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

CONFIDENCE INTERVALS OF STANDARDIZED MODEL RESULTS

STDYX Standardization

	Lower .5%	Lower 2.5%	Lower 5%	Estimate	Upper 5%	Upper 2.5%
Upper .5%						

Latent Class 1

 IW   BY

W1	1.590	1.694	1.746	2.023	2.299	2.351
2.455						
W2	1.161	1.234	1.271	1.467	1.662	1.700
1.773						
W3	0.886	0.948	0.979	1.144	1.309	1.341
1.403						
W4	0.995	1.051	1.080	1.229	1.379	1.408
1.464						
W5	0.945	0.983	1.002	1.102	1.202	1.221
1.258						
W6	0.785	0.821	0.839	0.934	1.029	1.047
1.083						
W7	0.662	0.688	0.702	0.771	0.841	0.854
0.880						
W8	0.661	0.679	0.689	0.738	0.787	0.796
0.815						
W9	0.571	0.588	0.596	0.640	0.684	0.692
0.709						
W10	0.570	0.579	0.584	0.610	0.636	0.641
0.650						
W11	0.384	0.396	0.402	0.436	0.469	0.475
0.488						

 S1W   BY

W1	-2.024	-1.937	-1.893	-1.663	-1.432	-1.388
-1.302						
W2	-1.290	-1.237	-1.209	-1.067	-0.924	-0.897
-0.843						
W3	-0.837	-0.801	-0.783	-0.688	-0.592	-0.574
-0.538						
W4	-0.737	-0.709	-0.695	-0.622	-0.549	-0.535
-0.507						
W5	-0.435	-0.423	-0.416	-0.383	-0.350	-0.344
-0.331						
W6	-0.172	-0.166	-0.163	-0.148	-0.132	-0.130
-0.124						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.105	0.108	0.109	0.117	0.124	0.126
0.128						
W9	0.181	0.186	0.189	0.202	0.216	0.219

```
       0.224
  W10          0.270      0.275      0.277      0.289      0.302      0.304
       0.309
  W11          0.315      0.325      0.330      0.358      0.386      0.391
       0.402

 S2W      BY
  W1         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W2         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W3         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W4         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W5         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W6         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W7         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W8         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W9         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W10        999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W11        999.000    999.000    999.000    999.000    999.000    999.000
     999.000

 S3W      BY
  W1         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W2         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W3         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W4         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W5         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W6         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W7         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W8         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W9         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W10        999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  W11        999.000    999.000    999.000    999.000    999.000    999.000
     999.000

 S3W      WITH
  IW         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  S1W        999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  S2W        999.000    999.000    999.000    999.000    999.000    999.000
     999.000

 S2W      WITH
  IW         999.000    999.000    999.000    999.000    999.000    999.000
     999.000
  S1W        999.000    999.000    999.000    999.000    999.000    999.000
     999.000
```

S1W	WITH					
IW	0.930	0.937	0.941	0.960	0.979	0.983
0.990						
W1	WITH					
W2	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W3	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W2	WITH					
W3	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W4	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W3	WITH					
W4	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W5	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W4	WITH					
W5	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W6	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W5	WITH					
W6	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W7	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W6	WITH					
W7	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W8	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W7	WITH					
W8	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W9	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W8	WITH					
W9	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W10	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W9	WITH					
W10	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W11	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W10	WITH					
W11	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
Means						
IW	11.629	11.983	12.164	13.109	14.054	14.235
14.589						
S1W	10.388	11.149	11.538	13.570	15.602	15.991
16.752						
S2W	999.000	999.000	999.000	999.000	999.000	999.000

	999.000					
S3W	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					

 Intercepts

W1	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W2	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W3	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W4	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W5	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W6	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W7	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W8	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W9	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W10	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W11	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					

 Variances

IW	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
S1W	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
S2W	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
S3W	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					

 Residual Variances

W1	0.391	0.442	0.467	0.602	0.737	0.763
	0.813					
W2	0.593	0.622	0.637	0.715	0.793	0.808
	0.837					
W3	0.608	0.637	0.651	0.728	0.805	0.820
	0.849					
W4	0.409	0.448	0.467	0.570	0.673	0.692
	0.731					
W5	0.297	0.334	0.352	0.450	0.548	0.566
	0.603					
W6	0.172	0.219	0.244	0.371	0.498	0.522
	0.569					
W7	0.237	0.277	0.298	0.405	0.512	0.533
	0.573					
W8	0.127	0.163	0.181	0.277	0.373	0.391
	0.427					
W9	0.150	0.186	0.205	0.301	0.397	0.415
	0.451					
W10	0.101	0.126	0.139	0.206	0.272	0.285
	0.310					
W11	0.234	0.270	0.288	0.382	0.476	0.495
	0.530					

Latent Class 2

 IW   BY

W1	1.916	1.996	2.037	2.250	2.464	2.505
	2.585					
W2	1.622	1.713	1.759	2.003	2.246	2.293

						2.384
W3	1.601	1.643	1.664	1.774	1.885	1.906
						1.947
W4	1.474	1.510	1.528	1.624	1.719	1.738
						1.773
W5	1.222	1.244	1.256	1.315	1.374	1.386
						1.408
W6	1.020	1.034	1.041	1.077	1.114	1.121
						1.135
W7	0.921	0.928	0.932	0.954	0.975	0.979
						0.987
W8	0.809	0.815	0.818	0.834	0.850	0.853
						0.859
W9	0.725	0.729	0.731	0.741	0.752	0.754
						0.757
W10	0.655	0.658	0.659	0.668	0.676	0.678
						0.681
W11	0.473	0.486	0.492	0.524	0.557	0.563
						0.575

S1W   BY

W1	-2.135	-2.067	-2.032	-1.850	-1.668	-1.633
						-1.564
W2	-1.746	-1.676	-1.641	-1.456	-1.272	-1.237
						-1.167
W3	-1.192	-1.162	-1.147	-1.066	-0.985	-0.970
						-0.939
W4	-0.912	-0.890	-0.879	-0.822	-0.764	-0.753
						-0.732
W5	-0.500	-0.490	-0.485	-0.457	-0.430	-0.425
						-0.415
W6	-0.182	-0.179	-0.178	-0.170	-0.163	-0.161
						-0.159
W7	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W8	0.125	0.127	0.128	0.132	0.136	0.137
						0.138
W9	0.225	0.227	0.228	0.234	0.241	0.242
						0.244
W10	0.305	0.308	0.309	0.317	0.324	0.325
						0.328
W11	0.385	0.396	0.401	0.431	0.461	0.466
						0.478

S2W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W6	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W7	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W8	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W9	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W10	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W11	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S3W	BY						
W1		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
W2		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
W3		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
W4		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
W5		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
W6		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
W7		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
W8		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
W9		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
W10		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
W11		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						

S3W	WITH						
IW		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
S1W		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
S2W		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						

S2W	WITH						
IW		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						
S1W		999.000	999.000	999.000	999.000	999.000	999.000
	999.000						

S1W	WITH						
IW		0.930	0.937	0.941	0.960	0.979	0.983
	0.990						

W1	WITH						
W2		0.410	0.417	0.421	0.440	0.459	0.463
	0.470						
W3		0.156	0.163	0.167	0.187	0.206	0.210
	0.217						

W2	WITH						
W3		0.410	0.417	0.421	0.440	0.459	0.463
	0.470						
W4		0.156	0.163	0.167	0.187	0.206	0.210
	0.217						

W3	WITH						
W4		0.410	0.417	0.421	0.440	0.459	0.463
	0.470						
W5		0.156	0.163	0.167	0.187	0.206	0.210
	0.217						

W4	WITH						
W5		0.410	0.417	0.421	0.440	0.459	0.463
	0.470						
W6		0.156	0.163	0.167	0.187	0.206	0.210
	0.217						

W5	WITH						
W6		0.410	0.417	0.421	0.440	0.459	0.463

	0.470						
W7		0.156	0.163	0.167	0.187	0.206	0.210
	0.217						

W6	WITH						
W7		0.410	0.417	0.421	0.440	0.459	0.463
	0.470						
W8		0.156	0.163	0.167	0.187	0.206	0.210
	0.217						

W7	WITH						
W8		0.410	0.417	0.421	0.440	0.459	0.463
	0.470						
W9		0.156	0.163	0.167	0.187	0.206	0.210
	0.217						

W8	WITH						
W9		0.410	0.417	0.421	0.440	0.459	0.463
	0.470						
W10		0.156	0.163	0.167	0.187	0.206	0.210
	0.217						

W9	WITH						
W10		0.410	0.417	0.421	0.440	0.459	0.463
	0.470						
W11		0.156	0.163	0.167	0.187	0.206	0.210
	0.217						

W10	WITH						
W11		0.410	0.417	0.421	0.440	0.459	0.463
	0.470						

Means
IW	9.863	10.088	10.203	10.803	11.404	11.519
11.744						
S1W	2.952	3.790	4.219	6.457	8.696	9.124
9.962						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

Intercepts
W1	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W2	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W3	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W4	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W5	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W6	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W9	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W10	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W11	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

Variances
IW	1.000	1.000	1.000	1.000	1.000	1.000

	1.000					
S1W	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
S2W	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
S3W	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					

Residual Variances

W1	0.251	0.312	0.344	0.507	0.671	0.703
	0.764					
W2	0.349	0.378	0.392	0.469	0.545	0.560
	0.588					
W3	0.249	0.272	0.284	0.347	0.410	0.422
	0.446					
W4	0.149	0.173	0.186	0.250	0.314	0.326
	0.350					
W5	0.124	0.146	0.158	0.216	0.275	0.287
	0.309					
W6	0.080	0.100	0.110	0.163	0.215	0.225
	0.245					
W7	0.028	0.043	0.050	0.091	0.131	0.139
	0.154					
W8	0.018	0.031	0.039	0.075	0.112	0.120
	0.133					
W9	0.029	0.037	0.041	0.062	0.083	0.087
	0.095					
W10	0.024	0.030	0.033	0.048	0.063	0.066
	0.072					
W11	-0.063	-0.023	-0.002	0.105	0.212	0.233
	0.273					

Latent Class 3

IW   BY

W1	1.702	1.833	1.900	2.250	2.601	2.668
	2.799					
W2	1.934	2.025	2.072	2.317	2.562	2.609
	2.700					
W3	1.466	1.530	1.562	1.733	1.904	1.936
	2.000					
W4	1.347	1.394	1.418	1.543	1.668	1.692
	1.739					
W5	1.080	1.122	1.143	1.255	1.367	1.389
	1.431					
W6	0.541	0.610	0.645	0.827	1.010	1.044
	1.113					
W7	0.543	0.598	0.626	0.772	0.919	0.947
	1.001					
W8	0.408	0.459	0.485	0.621	0.757	0.784
	0.835					
W9	0.475	0.506	0.522	0.606	0.689	0.705
	0.736					
W10	0.339	0.374	0.392	0.486	0.579	0.597
	0.632					
W11	0.300	0.320	0.330	0.383	0.435	0.445
	0.465					

S1W   BY

W1	-2.308	-2.199	-2.143	-1.850	-1.557	-1.501
	-1.391					
W2	-1.982	-1.911	-1.875	-1.685	-1.495	-1.458
	-1.387					
W3	-1.208	-1.168	-1.148	-1.041	-0.934	-0.914
	-0.874					
W4	-0.887	-0.862	-0.849	-0.781	-0.713	-0.700
	-0.674					
W5	-0.497	-0.483	-0.475	-0.437	-0.398	-0.390

						−0.376
W6	−0.177	−0.166	−0.160	−0.131	−0.101	−0.095
						−0.084
W7	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W8	0.063	0.072	0.076	0.098	0.120	0.125
						0.133
W9	0.148	0.158	0.164	0.192	0.220	0.225
						0.235
W10	0.158	0.176	0.184	0.230	0.276	0.285
						0.302
W11	0.243	0.260	0.269	0.315	0.360	0.369
						0.386

S2W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W6	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W7	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W8	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W9	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W10	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W11	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S3W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W6	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W7	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W8	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W9	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W10	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W11	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S3W   WITH

IW	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S1W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S2W	999.000	999.000	999.000	999.000	999.000	999.000

```
        999.000

S2W       WITH
  IW              999.000      999.000      999.000      999.000      999.000      999.000
        999.000
  S1W             999.000      999.000      999.000      999.000      999.000      999.000
        999.000

S1W       WITH
  IW                0.930        0.937        0.941        0.960        0.979        0.983
          0.990

W1        WITH
  W2                0.410        0.417        0.421        0.440        0.459        0.463
          0.470
  W3                0.156        0.163        0.167        0.187        0.206        0.210
          0.217

W2        WITH
  W3                0.410        0.417        0.421        0.440        0.459        0.463
          0.470
  W4                0.156        0.163        0.167        0.187        0.206        0.210
          0.217

W3        WITH
  W4                0.410        0.417        0.421        0.440        0.459        0.463
          0.470
  W5                0.156        0.163        0.167        0.187        0.206        0.210
          0.217

W4        WITH
  W5                0.410        0.417        0.421        0.440        0.459        0.463
          0.470
  W6                0.156        0.163        0.167        0.187        0.206        0.210
          0.217

W5        WITH
  W6                0.410        0.417        0.421        0.440        0.459        0.463
          0.470
  W7                0.156        0.163        0.167        0.187        0.206        0.210
          0.217

W6        WITH
  W7                0.410        0.417        0.421        0.440        0.459        0.463
          0.470
  W8                0.156        0.163        0.167        0.187        0.206        0.210
          0.217

W7        WITH
  W8                0.410        0.417        0.421        0.440        0.459        0.463
          0.470
  W9                0.156        0.163        0.167        0.187        0.206        0.210
          0.217

W8        WITH
  W9                0.410        0.417        0.421        0.440        0.459        0.463
          0.470
  W10               0.156        0.163        0.167        0.187        0.206        0.210
          0.217

W9        WITH
  W10               0.410        0.417        0.421        0.440        0.459        0.463
          0.470
  W11               0.156        0.163        0.167        0.187        0.206        0.210
          0.217

W10       WITH
  W11               0.410        0.417        0.421        0.440        0.459        0.463
```

```
        0.470

Means
  IW            11.013      11.277      11.413      12.119      12.826      12.961
    13.226
  S1W           11.508      12.566      13.107      15.933      18.759      19.300
    20.358
  S2W          999.000     999.000     999.000     999.000     999.000     999.000
   999.000
  S3W          999.000     999.000     999.000     999.000     999.000     999.000
   999.000

Intercepts
  W1             0.000       0.000       0.000       0.000       0.000       0.000
     0.000
  W2             0.000       0.000       0.000       0.000       0.000       0.000
     0.000
  W3             0.000       0.000       0.000       0.000       0.000       0.000
     0.000
  W4             0.000       0.000       0.000       0.000       0.000       0.000
     0.000
  W5             0.000       0.000       0.000       0.000       0.000       0.000
     0.000
  W6             0.000       0.000       0.000       0.000       0.000       0.000
     0.000
  W7             0.000       0.000       0.000       0.000       0.000       0.000
     0.000
  W8             0.000       0.000       0.000       0.000       0.000       0.000
     0.000
  W9             0.000       0.000       0.000       0.000       0.000       0.000
     0.000
  W10            0.000       0.000       0.000       0.000       0.000       0.000
     0.000
  W11            0.000       0.000       0.000       0.000       0.000       0.000
     0.000

Variances
  IW             1.000       1.000       1.000       1.000       1.000       1.000
     1.000
  S1W            1.000       1.000       1.000       1.000       1.000       1.000
     1.000
  S2W          999.000     999.000     999.000     999.000     999.000     999.000
   999.000
  S3W          999.000     999.000     999.000     999.000     999.000     999.000
   999.000

Residual Variances
  W1             0.291       0.343       0.369       0.508       0.646       0.673
     0.724
  W2             0.076       0.127       0.153       0.289       0.425       0.451
     0.502
  W3             0.213       0.252       0.272       0.377       0.482       0.502
     0.542
  W4             0.157       0.197       0.217       0.322       0.428       0.448
     0.488
  W5             0.090       0.137       0.161       0.286       0.411       0.435
     0.482
  W6             0.164       0.246       0.288       0.507       0.726       0.767
     0.849
  W7             0.050       0.134       0.177       0.403       0.629       0.673
     0.757
  W8             0.136       0.220       0.263       0.488       0.712       0.755
     0.839
  W9             0.105       0.169       0.202       0.374       0.545       0.578
     0.642
  W10            0.194       0.266       0.303       0.497       0.690       0.727
     0.799
  W11            0.318       0.367       0.392       0.524       0.655       0.680
```

      0.729

Latent Class 4

  IW   BY
    W1   1.817   1.930   1.988   2.290   2.592   2.649
      2.762
    W2   1.326   1.396   1.432   1.619   1.806   1.842
      1.912
    W3   1.331   1.389   1.419   1.575   1.731   1.761
      1.820
    W4   1.350   1.381   1.396   1.479   1.562   1.578
      1.609
    W5   1.223   1.242   1.251   1.301   1.352   1.361
      1.380
    W6   0.942   0.960   0.970   1.018   1.067   1.076
      1.094
    W7   0.924   0.929   0.932   0.945   0.958   0.960
      0.965
    W8   0.814   0.818   0.820   0.832   0.844   0.846
      0.850
    W9   0.712   0.716   0.719   0.732   0.745   0.748
      0.753
    W10   0.649   0.652   0.654   0.664   0.673   0.675
      0.679
    W11   0.512   0.516   0.518   0.529   0.540   0.542
      0.546

  S1W   BY
    W1   -2.279   -2.184   -2.136   -1.882   -1.629   -1.580
     -1.486
    W2   -1.395   -1.343   -1.316   -1.177   -1.039   -1.012
     -0.960
    W3   -1.101   -1.064   -1.045   -0.946   -0.847   -0.829
     -0.792
    W4   -0.826   -0.808   -0.798   -0.748   -0.699   -0.689
     -0.670
    W5   -0.490   -0.481   -0.476   -0.453   -0.429   -0.425
     -0.416
    W6   -0.175   -0.172   -0.170   -0.161   -0.152   -0.150
     -0.147
    W7   0.000   0.000   0.000   0.000   0.000   0.000
      0.000
    W8   0.126   0.127   0.128   0.132   0.135   0.136
      0.137
    W9   0.221   0.224   0.225   0.232   0.238   0.239
      0.242
    W10   0.303   0.306   0.307   0.315   0.322   0.324
      0.326
    W11   0.419   0.423   0.425   0.435   0.445   0.447
      0.451

  S2W   BY
    W1   999.000   999.000   999.000   999.000   999.000   999.000
    999.000
    W2   999.000   999.000   999.000   999.000   999.000   999.000
    999.000
    W3   999.000   999.000   999.000   999.000   999.000   999.000
    999.000
    W4   999.000   999.000   999.000   999.000   999.000   999.000
    999.000
    W5   999.000   999.000   999.000   999.000   999.000   999.000
    999.000
    W6   999.000   999.000   999.000   999.000   999.000   999.000
    999.000
    W7   999.000   999.000   999.000   999.000   999.000   999.000
    999.000
    W8   999.000   999.000   999.000   999.000   999.000   999.000

```
          999.000
W9           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W10          999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W11          999.000     999.000     999.000     999.000     999.000     999.000
          999.000

S3W      BY
W1           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W2           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W3           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W4           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W5           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W6           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W7           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W8           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W9           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W10          999.000     999.000     999.000     999.000     999.000     999.000
          999.000
W11          999.000     999.000     999.000     999.000     999.000     999.000
          999.000

S3W      WITH
IW           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
S1W          999.000     999.000     999.000     999.000     999.000     999.000
          999.000
S2W          999.000     999.000     999.000     999.000     999.000     999.000
          999.000

S2W      WITH
IW           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
S1W          999.000     999.000     999.000     999.000     999.000     999.000
          999.000

S1W      WITH
IW             0.930       0.937       0.941       0.960       0.979       0.983
            0.990

W1       WITH
W2             0.410       0.417       0.421       0.440       0.459       0.463
            0.470
W3             0.156       0.163       0.167       0.187       0.206       0.210
            0.217

W2       WITH
W3             0.410       0.417       0.421       0.440       0.459       0.463
            0.470
W4             0.156       0.163       0.167       0.187       0.206       0.210
            0.217

W3       WITH
W4             0.410       0.417       0.421       0.440       0.459       0.463
            0.470
W5             0.156       0.163       0.167       0.187       0.206       0.210
            0.217
```

W4	**WITH**					
W5	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W6	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W5	**WITH**					
W6	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W7	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W6	**WITH**					
W7	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W8	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W7	**WITH**					
W8	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W9	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W8	**WITH**					
W9	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W10	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W9	**WITH**					
W10	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W11	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W10	**WITH**					
W11	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
Means						
IW	11.307	11.596	11.743	12.514	13.284	13.432
13.720						
S1W	6.231	6.593	6.778	7.745	8.712	8.897
9.259						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
Intercepts						
W1	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W2	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W3	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W4	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W5	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W6	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W9	0.000	0.000	0.000	0.000	0.000	0.000

	0.000						
W10	0.000	0.000	0.000	0.000	0.000	0.000	
	0.000						
W11	0.000	0.000	0.000	0.000	0.000	0.000	
	0.000						

Variances

IW	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
S1W	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

Residual Variances

W1	0.267	0.321	0.348	0.490	0.632	0.660
0.713						
W2	0.547	0.573	0.586	0.653	0.720	0.733
0.758						
W3	0.357	0.388	0.404	0.486	0.568	0.583
0.614						
W4	0.291	0.311	0.322	0.377	0.433	0.444
0.464						
W5	0.153	0.172	0.182	0.232	0.283	0.293
0.312						
W6	0.139	0.166	0.180	0.252	0.324	0.338
0.365						
W7	0.069	0.078	0.083	0.107	0.132	0.137
0.146						
W8	0.040	0.049	0.054	0.080	0.106	0.111
0.121						
W9	0.036	0.048	0.054	0.085	0.116	0.122
0.133						
W10	0.027	0.034	0.038	0.059	0.080	0.084
0.092						
W11	0.046	0.056	0.061	0.089	0.116	0.122
0.132						

Latent Class 5

IW   BY

W1	2.040	2.102	2.134	2.301	2.467	2.499
2.562						
W2	1.544	1.642	1.692	1.953	2.214	2.264
2.362						
W3	1.585	1.637	1.663	1.802	1.940	1.967
2.019						
W4	1.535	1.561	1.575	1.646	1.718	1.731
1.758						
W5	1.299	1.316	1.325	1.371	1.418	1.426
1.444						
W6	1.003	1.012	1.017	1.040	1.064	1.068
1.077						
W7	0.926	0.933	0.937	0.957	0.977	0.981
0.988						
W8	0.803	0.809	0.811	0.825	0.839	0.842
0.847						
W9	0.712	0.716	0.718	0.729	0.740	0.742
0.746						
W10	0.649	0.652	0.654	0.662	0.670	0.671
0.674						
W11	0.464	0.477	0.483	0.516	0.549	0.555
0.567						

S1W   BY

W1	-2.136	-2.078	-2.048	-1.891	-1.735	-1.705

							-1.647
W2	-1.725	-1.652	-1.615	-1.420	-1.226	-1.189	-1.116
W3	-1.223	-1.190	-1.172	-1.082	-0.992	-0.975	-0.941
W4	-0.908	-0.890	-0.881	-0.833	-0.785	-0.775	-0.757
W5	-0.512	-0.504	-0.499	-0.477	-0.455	-0.450	-0.442
W6	-0.174	-0.172	-0.170	-0.164	-0.158	-0.157	-0.155
W7	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W8	0.124	0.126	0.127	0.130	0.134	0.135	0.136
W9	0.223	0.225	0.226	0.231	0.236	0.237	0.238
W10	0.304	0.306	0.307	0.314	0.320	0.322	0.324
W11	0.385	0.395	0.399	0.424	0.449	0.454	0.463

S2W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W6	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W7	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W8	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W9	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W10	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W11	999.000	999.000	999.000	999.000	999.000	999.000	999.000

S3W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W6	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W7	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W8	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W9	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W10	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W11	999.000	999.000	999.000	999.000	999.000	999.000	

999.000

S3W	WITH						
IW		999.000	999.000	999.000	999.000	999.000	999.000
999.000							
S1W		999.000	999.000	999.000	999.000	999.000	999.000
999.000							
S2W		999.000	999.000	999.000	999.000	999.000	999.000
999.000							

S2W	WITH						
IW		999.000	999.000	999.000	999.000	999.000	999.000
999.000							
S1W		999.000	999.000	999.000	999.000	999.000	999.000
999.000							

S1W	WITH						
IW		0.930	0.937	0.941	0.960	0.979	0.983
0.990							

W1	WITH						
W2		0.410	0.417	0.421	0.440	0.459	0.463
0.470							
W3		0.156	0.163	0.167	0.187	0.206	0.210
0.217							

W2	WITH						
W3		0.410	0.417	0.421	0.440	0.459	0.463
0.470							
W4		0.156	0.163	0.167	0.187	0.206	0.210
0.217							

W3	WITH						
W4		0.410	0.417	0.421	0.440	0.459	0.463
0.470							
W5		0.156	0.163	0.167	0.187	0.206	0.210
0.217							

W4	WITH						
W5		0.410	0.417	0.421	0.440	0.459	0.463
0.470							
W6		0.156	0.163	0.167	0.187	0.206	0.210
0.217							

W5	WITH						
W6		0.410	0.417	0.421	0.440	0.459	0.463
0.470							
W7		0.156	0.163	0.167	0.187	0.206	0.210
0.217							

W6	WITH						
W7		0.410	0.417	0.421	0.440	0.459	0.463
0.470							
W8		0.156	0.163	0.167	0.187	0.206	0.210
0.217							

W7	WITH						
W8		0.410	0.417	0.421	0.440	0.459	0.463
0.470							
W9		0.156	0.163	0.167	0.187	0.206	0.210
0.217							

W8	WITH						
W9		0.410	0.417	0.421	0.440	0.459	0.463
0.470							
W10		0.156	0.163	0.167	0.187	0.206	0.210
0.217							

W9 WITH						
W10	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W11	0.156	0.163	0.167	0.187	0.206	0.210
0.217						
W10 WITH						
W11	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
Means						
IW	10.299	10.563	10.698	11.403	12.108	12.243
12.507						
S1W	4.777	5.841	6.385	9.226	12.067	12.611
13.675						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
Intercepts						
W1	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W2	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W3	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W4	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W5	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W6	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W9	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W10	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W11	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
Variances						
IW	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
S1W	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
Residual Variances						
W1	0.229	0.290	0.322	0.485	0.649	0.680
0.741						
W2	0.209	0.277	0.312	0.495	0.677	0.712
0.781						
W3	0.137	0.182	0.206	0.327	0.448	0.471
0.517						
W4	0.112	0.140	0.154	0.229	0.303	0.318
0.346						
W5	0.052	0.075	0.087	0.148	0.209	0.221
0.243						
W6	0.161	0.175	0.182	0.219	0.257	0.264
0.278						
W7	0.025	0.039	0.046	0.084	0.122	0.129

```
      0.144
  W8        0.051      0.062      0.067      0.096      0.124      0.129
      0.140
  W9        0.052      0.061      0.066      0.092      0.118      0.123
      0.133
  W10       0.037      0.044      0.047      0.065      0.082      0.085
      0.092
  W11      -0.038      0.003      0.024      0.134      0.244      0.265
      0.307
```

STDY Standardization

	Lower .5%	Lower 2.5%	Lower 5%	Estimate	Upper 5%	Upper 2.5%	Upper .5%

Latent Class 1

```
 IW      BY
  W1        1.590      1.694      1.746      2.023      2.299      2.351
      2.455
  W2        1.161      1.234      1.271      1.467      1.662      1.700
      1.773
  W3        0.886      0.948      0.979      1.144      1.309      1.341
      1.403
  W4        0.995      1.051      1.080      1.229      1.379      1.408
      1.464
  W5        0.945      0.983      1.002      1.102      1.202      1.221
      1.258
  W6        0.785      0.821      0.839      0.934      1.029      1.047
      1.083
  W7        0.662      0.688      0.702      0.771      0.841      0.854
      0.880
  W8        0.661      0.679      0.689      0.738      0.787      0.796
      0.815
  W9        0.571      0.588      0.596      0.640      0.684      0.692
      0.709
  W10       0.570      0.579      0.584      0.610      0.636      0.641
      0.650
  W11       0.384      0.396      0.402      0.436      0.469      0.475
      0.488

 S1W     BY
  W1       -2.024     -1.937     -1.893     -1.663     -1.432     -1.388
     -1.302
  W2       -1.290     -1.237     -1.209     -1.067     -0.924     -0.897
     -0.843
  W3       -0.837     -0.801     -0.783     -0.688     -0.592     -0.574
     -0.538
  W4       -0.737     -0.709     -0.695     -0.622     -0.549     -0.535
     -0.507
  W5       -0.435     -0.423     -0.416     -0.383     -0.350     -0.344
     -0.331
  W6       -0.172     -0.166     -0.163     -0.148     -0.132     -0.130
     -0.124
  W7        0.000      0.000      0.000      0.000      0.000      0.000
      0.000
  W8        0.105      0.108      0.109      0.117      0.124      0.126
      0.128
  W9        0.181      0.186      0.189      0.202      0.216      0.219
      0.224
  W10       0.270      0.275      0.277      0.289      0.302      0.304
      0.309
  W11       0.315      0.325      0.330      0.358      0.386      0.391
      0.402

 S2W     BY
  W1      999.000    999.000    999.000    999.000    999.000    999.000
```

						999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W6	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W7	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W8	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W9	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W10	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W11	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S3W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W6	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W7	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W8	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W9	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W10	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W11	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S3W   WITH

IW	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S1W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S2W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S2W   WITH

IW	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S1W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S1W   WITH

IW	0.930	0.937	0.941	0.960	0.979	0.983
						0.990

W1   WITH

W2	0.410	0.417	0.421	0.440	0.459	0.463
						0.470
W3	0.156	0.163	0.167	0.187	0.206	0.210

0.217						

W2	WITH					
W3	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W4	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W3	WITH					
W4	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W5	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W4	WITH					
W5	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W6	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W5	WITH					
W6	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W7	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W6	WITH					
W7	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W8	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W7	WITH					
W8	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W9	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W8	WITH					
W9	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W10	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W9	WITH					
W10	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W11	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W10	WITH					
W11	0.410	0.417	0.421	0.440	0.459	0.463
0.470						

Means						
IW	11.629	11.983	12.164	13.109	14.054	14.235
14.589						
S1W	10.388	11.149	11.538	13.570	15.602	15.991
16.752						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

Intercepts						
W1	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W2	0.000	0.000	0.000	0.000	0.000	0.000

	0.000					
W3	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W4	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W5	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W6	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W7	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W8	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W9	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W10	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W11	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					

Variances

IW	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
S1W	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
S2W	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
S3W	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					

Residual Variances

W1	0.391	0.442	0.467	0.602	0.737	0.763
	0.813					
W2	0.593	0.622	0.637	0.715	0.793	0.808
	0.837					
W3	0.608	0.637	0.651	0.728	0.805	0.820
	0.849					
W4	0.409	0.448	0.467	0.570	0.673	0.692
	0.731					
W5	0.297	0.334	0.352	0.450	0.548	0.566
	0.603					
W6	0.172	0.219	0.244	0.371	0.498	0.522
	0.569					
W7	0.237	0.277	0.298	0.405	0.512	0.533
	0.573					
W8	0.127	0.163	0.181	0.277	0.373	0.391
	0.427					
W9	0.150	0.186	0.205	0.301	0.397	0.415
	0.451					
W10	0.101	0.126	0.139	0.206	0.272	0.285
	0.310					
W11	0.234	0.270	0.288	0.382	0.476	0.495
	0.530					

Latent Class 2

IW   BY

W1	1.916	1.996	2.037	2.250	2.464	2.505
	2.585					
W2	1.622	1.713	1.759	2.003	2.246	2.293
	2.384					
W3	1.601	1.643	1.664	1.774	1.885	1.906
	1.947					
W4	1.474	1.510	1.528	1.624	1.719	1.738
	1.773					
W5	1.222	1.244	1.256	1.315	1.374	1.386
	1.408					
W6	1.020	1.034	1.041	1.077	1.114	1.121

					1.135	
W7	0.921	0.928	0.932	0.954	0.975	0.979
					0.987	
W8	0.809	0.815	0.818	0.834	0.850	0.853
					0.859	
W9	0.725	0.729	0.731	0.741	0.752	0.754
					0.757	
W10	0.655	0.658	0.659	0.668	0.676	0.678
					0.681	
W11	0.473	0.486	0.492	0.524	0.557	0.563
					0.575	

S1W   BY

W1	-2.135	-2.067	-2.032	-1.850	-1.668	-1.633
	-1.564					
W2	-1.746	-1.676	-1.641	-1.456	-1.272	-1.237
	-1.167					
W3	-1.192	-1.162	-1.147	-1.066	-0.985	-0.970
	-0.939					
W4	-0.912	-0.890	-0.879	-0.822	-0.764	-0.753
	-0.732					
W5	-0.500	-0.490	-0.485	-0.457	-0.430	-0.425
	-0.415					
W6	-0.182	-0.179	-0.178	-0.170	-0.163	-0.161
	-0.159					
W7	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W8	0.125	0.127	0.128	0.132	0.136	0.137
	0.138					
W9	0.225	0.227	0.228	0.234	0.241	0.242
	0.244					
W10	0.305	0.308	0.309	0.317	0.324	0.325
	0.328					
W11	0.385	0.396	0.401	0.431	0.461	0.466
	0.478					

S2W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W2	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W3	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W4	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W5	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W6	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W7	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W8	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W9	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W10	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W11	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					

S3W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W2	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W3	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W4	999.000	999.000	999.000	999.000	999.000	999.000

999.000						
W5	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W6	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W7	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W8	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W9	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W10	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W11	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S3W	WITH					
IW	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S1W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S2W	WITH					
IW	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S1W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S1W	WITH					
IW	0.930	0.937	0.941	0.960	0.979	0.983
0.990						

W1	WITH					
W2	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W3	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W2	WITH					
W3	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W4	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W3	WITH					
W4	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W5	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W4	WITH					
W5	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W6	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W5	WITH					
W6	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W7	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W6	WITH					
W7	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W8	0.156	0.163	0.167	0.187	0.206	0.210

						0.217

W7   WITH

W8	0.410	0.417	0.421	0.440	0.459	0.463
						0.470
W9	0.156	0.163	0.167	0.187	0.206	0.210
						0.217

W8   WITH

W9	0.410	0.417	0.421	0.440	0.459	0.463
						0.470
W10	0.156	0.163	0.167	0.187	0.206	0.210
						0.217

W9   WITH

W10	0.410	0.417	0.421	0.440	0.459	0.463
						0.470
W11	0.156	0.163	0.167	0.187	0.206	0.210
						0.217

W10   WITH

W11	0.410	0.417	0.421	0.440	0.459	0.463
						0.470

Means

IW	9.863	10.088	10.203	10.803	11.404	11.519
						11.744
S1W	2.952	3.790	4.219	6.457	8.696	9.124
						9.962
S2W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S3W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

Intercepts

W1	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W2	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W3	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W4	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W5	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W6	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W7	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W8	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W9	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W10	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W11	0.000	0.000	0.000	0.000	0.000	0.000
						0.000

Variances

IW	1.000	1.000	1.000	1.000	1.000	1.000
						1.000
S1W	1.000	1.000	1.000	1.000	1.000	1.000
						1.000
S2W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S3W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

Residual Variances

W1	0.251	0.312	0.344	0.507	0.671	0.703
0.764						
W2	0.349	0.378	0.392	0.469	0.545	0.560
0.588						
W3	0.249	0.272	0.284	0.347	0.410	0.422
0.446						
W4	0.149	0.173	0.186	0.250	0.314	0.326
0.350						
W5	0.124	0.146	0.158	0.216	0.275	0.287
0.309						
W6	0.080	0.100	0.110	0.163	0.215	0.225
0.245						
W7	0.028	0.043	0.050	0.091	0.131	0.139
0.154						
W8	0.018	0.031	0.039	0.075	0.112	0.120
0.133						
W9	0.029	0.037	0.041	0.062	0.083	0.087
0.095						
W10	0.024	0.030	0.033	0.048	0.063	0.066
0.072						
W11	-0.063	-0.023	-0.002	0.105	0.212	0.233
0.273						

Latent Class 3

IW   BY

W1	1.702	1.833	1.900	2.250	2.601	2.668
2.799						
W2	1.934	2.025	2.072	2.317	2.562	2.609
2.700						
W3	1.466	1.530	1.562	1.733	1.904	1.936
2.000						
W4	1.347	1.394	1.418	1.543	1.668	1.692
1.739						
W5	1.080	1.122	1.143	1.255	1.367	1.389
1.431						
W6	0.541	0.610	0.645	0.827	1.010	1.044
1.113						
W7	0.543	0.598	0.626	0.772	0.919	0.947
1.001						
W8	0.408	0.459	0.485	0.621	0.757	0.784
0.835						
W9	0.475	0.506	0.522	0.606	0.689	0.705
0.736						
W10	0.339	0.374	0.392	0.486	0.579	0.597
0.632						
W11	0.300	0.320	0.330	0.383	0.435	0.445
0.465						

S1W   BY

W1	-2.308	-2.199	-2.143	-1.850	-1.557	-1.501
-1.391						
W2	-1.982	-1.911	-1.875	-1.685	-1.495	-1.458
-1.387						
W3	-1.208	-1.168	-1.148	-1.041	-0.934	-0.914
-0.874						
W4	-0.887	-0.862	-0.849	-0.781	-0.713	-0.700
-0.674						
W5	-0.497	-0.483	-0.475	-0.437	-0.398	-0.390
-0.376						
W6	-0.177	-0.166	-0.160	-0.131	-0.101	-0.095
-0.084						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.063	0.072	0.076	0.098	0.120	0.125
0.133						
W9	0.148	0.158	0.164	0.192	0.220	0.225

						0.235
W10	0.158	0.176	0.184	0.230	0.276	0.285
						0.302
W11	0.243	0.260	0.269	0.315	0.360	0.369
						0.386

S2W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W6	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W7	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W8	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W9	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W10	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W11	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S3W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W6	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W7	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W8	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W9	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W10	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W11	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S3W   WITH

IW	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S1W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S2W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S2W   WITH

IW	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S1W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S1W   WITH
    IW   0.930   0.937   0.941   0.960   0.979   0.983
      0.990

W1   WITH
    W2   0.410   0.417   0.421   0.440   0.459   0.463
      0.470
    W3   0.156   0.163   0.167   0.187   0.206   0.210
      0.217

W2   WITH
    W3   0.410   0.417   0.421   0.440   0.459   0.463
      0.470
    W4   0.156   0.163   0.167   0.187   0.206   0.210
      0.217

W3   WITH
    W4   0.410   0.417   0.421   0.440   0.459   0.463
      0.470
    W5   0.156   0.163   0.167   0.187   0.206   0.210
      0.217

W4   WITH
    W5   0.410   0.417   0.421   0.440   0.459   0.463
      0.470
    W6   0.156   0.163   0.167   0.187   0.206   0.210
      0.217

W5   WITH
    W6   0.410   0.417   0.421   0.440   0.459   0.463
      0.470
    W7   0.156   0.163   0.167   0.187   0.206   0.210
      0.217

W6   WITH
    W7   0.410   0.417   0.421   0.440   0.459   0.463
      0.470
    W8   0.156   0.163   0.167   0.187   0.206   0.210
      0.217

W7   WITH
    W8   0.410   0.417   0.421   0.440   0.459   0.463
      0.470
    W9   0.156   0.163   0.167   0.187   0.206   0.210
      0.217

W8   WITH
    W9   0.410   0.417   0.421   0.440   0.459   0.463
      0.470
    W10   0.156   0.163   0.167   0.187   0.206   0.210
      0.217

W9   WITH
    W10   0.410   0.417   0.421   0.440   0.459   0.463
      0.470
    W11   0.156   0.163   0.167   0.187   0.206   0.210
      0.217

W10   WITH
    W11   0.410   0.417   0.421   0.440   0.459   0.463
      0.470

Means
    IW   11.013   11.277   11.413   12.119   12.826   12.961
     13.226
    S1W   11.508   12.566   13.107   15.933   18.759   19.300
     20.358
    S2W   999.000   999.000   999.000   999.000   999.000   999.000

```
                 999.000
     S3W            999.000       999.000       999.000       999.000       999.000       999.000
                 999.000

  Intercepts
     W1              0.000         0.000         0.000         0.000         0.000         0.000
                   0.000
     W2              0.000         0.000         0.000         0.000         0.000         0.000
                   0.000
     W3              0.000         0.000         0.000         0.000         0.000         0.000
                   0.000
     W4              0.000         0.000         0.000         0.000         0.000         0.000
                   0.000
     W5              0.000         0.000         0.000         0.000         0.000         0.000
                   0.000
     W6              0.000         0.000         0.000         0.000         0.000         0.000
                   0.000
     W7              0.000         0.000         0.000         0.000         0.000         0.000
                   0.000
     W8              0.000         0.000         0.000         0.000         0.000         0.000
                   0.000
     W9              0.000         0.000         0.000         0.000         0.000         0.000
                   0.000
     W10             0.000         0.000         0.000         0.000         0.000         0.000
                   0.000
     W11             0.000         0.000         0.000         0.000         0.000         0.000
                   0.000

  Variances
     IW              1.000         1.000         1.000         1.000         1.000         1.000
                   1.000
     S1W             1.000         1.000         1.000         1.000         1.000         1.000
                   1.000
     S2W           999.000       999.000       999.000       999.000       999.000       999.000
                 999.000
     S3W           999.000       999.000       999.000       999.000       999.000       999.000
                 999.000

  Residual Variances
     W1              0.291         0.343         0.369         0.508         0.646         0.673
                   0.724
     W2              0.076         0.127         0.153         0.289         0.425         0.451
                   0.502
     W3              0.213         0.252         0.272         0.377         0.482         0.502
                   0.542
     W4              0.157         0.197         0.217         0.322         0.428         0.448
                   0.488
     W5              0.090         0.137         0.161         0.286         0.411         0.435
                   0.482
     W6              0.164         0.246         0.288         0.507         0.726         0.767
                   0.849
     W7              0.050         0.134         0.177         0.403         0.629         0.673
                   0.757
     W8              0.136         0.220         0.263         0.488         0.712         0.755
                   0.839
     W9              0.105         0.169         0.202         0.374         0.545         0.578
                   0.642
     W10             0.194         0.266         0.303         0.497         0.690         0.727
                   0.799
     W11             0.318         0.367         0.392         0.524         0.655         0.680
                   0.729

Latent Class 4

 IW       BY
     W1              1.817         1.930         1.988         2.290         2.592         2.649
                   2.762
     W2              1.326         1.396         1.432         1.619         1.806         1.842
```

```
         1.912
W3      1.331     1.389     1.419     1.575     1.731     1.761
         1.820
W4      1.350     1.381     1.396     1.479     1.562     1.578
         1.609
W5      1.223     1.242     1.251     1.301     1.352     1.361
         1.380
W6      0.942     0.960     0.970     1.018     1.067     1.076
         1.094
W7      0.924     0.929     0.932     0.945     0.958     0.960
         0.965
W8      0.814     0.818     0.820     0.832     0.844     0.846
         0.850
W9      0.712     0.716     0.719     0.732     0.745     0.748
         0.753
W10     0.649     0.652     0.654     0.664     0.673     0.675
         0.679
W11     0.512     0.516     0.518     0.529     0.540     0.542
         0.546

S1W      BY
W1     -2.279    -2.184    -2.136    -1.882    -1.629    -1.580
        -1.486
W2     -1.395    -1.343    -1.316    -1.177    -1.039    -1.012
        -0.960
W3     -1.101    -1.064    -1.045    -0.946    -0.847    -0.829
        -0.792
W4     -0.826    -0.808    -0.798    -0.748    -0.699    -0.689
        -0.670
W5     -0.490    -0.481    -0.476    -0.453    -0.429    -0.425
        -0.416
W6     -0.175    -0.172    -0.170    -0.161    -0.152    -0.150
        -0.147
W7      0.000     0.000     0.000     0.000     0.000     0.000
         0.000
W8      0.126     0.127     0.128     0.132     0.135     0.136
         0.137
W9      0.221     0.224     0.225     0.232     0.238     0.239
         0.242
W10     0.303     0.306     0.307     0.315     0.322     0.324
         0.326
W11     0.419     0.423     0.425     0.435     0.445     0.447
         0.451

S2W      BY
W1    999.000   999.000   999.000   999.000   999.000   999.000
       999.000
W2    999.000   999.000   999.000   999.000   999.000   999.000
       999.000
W3    999.000   999.000   999.000   999.000   999.000   999.000
       999.000
W4    999.000   999.000   999.000   999.000   999.000   999.000
       999.000
W5    999.000   999.000   999.000   999.000   999.000   999.000
       999.000
W6    999.000   999.000   999.000   999.000   999.000   999.000
       999.000
W7    999.000   999.000   999.000   999.000   999.000   999.000
       999.000
W8    999.000   999.000   999.000   999.000   999.000   999.000
       999.000
W9    999.000   999.000   999.000   999.000   999.000   999.000
       999.000
W10   999.000   999.000   999.000   999.000   999.000   999.000
       999.000
W11   999.000   999.000   999.000   999.000   999.000   999.000
       999.000
```

```
 S3W        BY
    W1              999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    W2              999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    W3              999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    W4              999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    W5              999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    W6              999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    W7              999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    W8              999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    W9              999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    W10             999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    W11             999.000      999.000      999.000      999.000      999.000      999.000
    999.000

 S3W        WITH
    IW              999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    S1W             999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    S2W             999.000      999.000      999.000      999.000      999.000      999.000
    999.000

 S2W        WITH
    IW              999.000      999.000      999.000      999.000      999.000      999.000
    999.000
    S1W             999.000      999.000      999.000      999.000      999.000      999.000
    999.000

 S1W        WITH
    IW                0.930        0.937        0.941        0.960        0.979        0.983
      0.990

 W1         WITH
    W2                0.410        0.417        0.421        0.440        0.459        0.463
      0.470
    W3                0.156        0.163        0.167        0.187        0.206        0.210
      0.217

 W2         WITH
    W3                0.410        0.417        0.421        0.440        0.459        0.463
      0.470
    W4                0.156        0.163        0.167        0.187        0.206        0.210
      0.217

 W3         WITH
    W4                0.410        0.417        0.421        0.440        0.459        0.463
      0.470
    W5                0.156        0.163        0.167        0.187        0.206        0.210
      0.217

 W4         WITH
    W5                0.410        0.417        0.421        0.440        0.459        0.463
      0.470
    W6                0.156        0.163        0.167        0.187        0.206        0.210
      0.217

 W5         WITH
    W6                0.410        0.417        0.421        0.440        0.459        0.463
```

0.470						
W7	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W6 WITH						
W7	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W8	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W7 WITH						
W8	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W9	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W8 WITH						
W9	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W10	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W9 WITH						
W10	0.410	0.417	0.421	0.440	0.459	0.463
0.470						
W11	0.156	0.163	0.167	0.187	0.206	0.210
0.217						

W10 WITH						
W11	0.410	0.417	0.421	0.440	0.459	0.463
0.470						

Means						
IW	11.307	11.596	11.743	12.514	13.284	13.432
13.720						
S1W	6.231	6.593	6.778	7.745	8.712	8.897
9.259						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

Intercepts						
W1	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W2	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W3	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W4	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W5	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W6	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W9	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W10	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W11	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

Variances						
IW	1.000	1.000	1.000	1.000	1.000	1.000

	1.000					
S1W	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
S2W	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
S3W	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					

Residual Variances

W1	0.267	0.321	0.348	0.490	0.632	0.660
	0.713					
W2	0.547	0.573	0.586	0.653	0.720	0.733
	0.758					
W3	0.357	0.388	0.404	0.486	0.568	0.583
	0.614					
W4	0.291	0.311	0.322	0.377	0.433	0.444
	0.464					
W5	0.153	0.172	0.182	0.232	0.283	0.293
	0.312					
W6	0.139	0.166	0.180	0.252	0.324	0.338
	0.365					
W7	0.069	0.078	0.083	0.107	0.132	0.137
	0.146					
W8	0.040	0.049	0.054	0.080	0.106	0.111
	0.121					
W9	0.036	0.048	0.054	0.085	0.116	0.122
	0.133					
W10	0.027	0.034	0.038	0.059	0.080	0.084
	0.092					
W11	0.046	0.056	0.061	0.089	0.116	0.122
	0.132					

Latent Class 5

IW   BY

W1	2.040	2.102	2.134	2.301	2.467	2.499
	2.562					
W2	1.544	1.642	1.692	1.953	2.214	2.264
	2.362					
W3	1.585	1.637	1.663	1.802	1.940	1.967
	2.019					
W4	1.535	1.561	1.575	1.646	1.718	1.731
	1.758					
W5	1.299	1.316	1.325	1.371	1.418	1.426
	1.444					
W6	1.003	1.012	1.017	1.040	1.064	1.068
	1.077					
W7	0.926	0.933	0.937	0.957	0.977	0.981
	0.988					
W8	0.803	0.809	0.811	0.825	0.839	0.842
	0.847					
W9	0.712	0.716	0.718	0.729	0.740	0.742
	0.746					
W10	0.649	0.652	0.654	0.662	0.670	0.671
	0.674					
W11	0.464	0.477	0.483	0.516	0.549	0.555
	0.567					

S1W   BY

W1	−2.136	−2.078	−2.048	−1.891	−1.735	−1.705
	−1.647					
W2	−1.725	−1.652	−1.615	−1.420	−1.226	−1.189
	−1.116					
W3	−1.223	−1.190	−1.172	−1.082	−0.992	−0.975
	−0.941					
W4	−0.908	−0.890	−0.881	−0.833	−0.785	−0.775
	−0.757					
W5	−0.512	−0.504	−0.499	−0.477	−0.455	−0.450

						-0.442
W6	-0.174	-0.172	-0.170	-0.164	-0.158	-0.157
						-0.155
W7	0.000	0.000	0.000	0.000	0.000	0.000
						0.000
W8	0.124	0.126	0.127	0.130	0.134	0.135
						0.136
W9	0.223	0.225	0.226	0.231	0.236	0.237
						0.238
W10	0.304	0.306	0.307	0.314	0.320	0.322
						0.324
W11	0.385	0.395	0.399	0.424	0.449	0.454
						0.463

S2W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W6	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W7	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W8	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W9	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W10	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W11	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S3W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W6	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W7	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W8	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W9	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W10	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
W11	999.000	999.000	999.000	999.000	999.000	999.000
						999.000

S3W   WITH

IW	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S1W	999.000	999.000	999.000	999.000	999.000	999.000
						999.000
S2W	999.000	999.000	999.000	999.000	999.000	999.000

```
       999.000

S2W       WITH
    IW             999.000     999.000     999.000     999.000     999.000     999.000
       999.000
    S1W            999.000     999.000     999.000     999.000     999.000     999.000
       999.000

S1W       WITH
    IW               0.930       0.937       0.941       0.960       0.979       0.983
         0.990

W1        WITH
    W2               0.410       0.417       0.421       0.440       0.459       0.463
         0.470
    W3               0.156       0.163       0.167       0.187       0.206       0.210
         0.217

W2        WITH
    W3               0.410       0.417       0.421       0.440       0.459       0.463
         0.470
    W4               0.156       0.163       0.167       0.187       0.206       0.210
         0.217

W3        WITH
    W4               0.410       0.417       0.421       0.440       0.459       0.463
         0.470
    W5               0.156       0.163       0.167       0.187       0.206       0.210
         0.217

W4        WITH
    W5               0.410       0.417       0.421       0.440       0.459       0.463
         0.470
    W6               0.156       0.163       0.167       0.187       0.206       0.210
         0.217

W5        WITH
    W6               0.410       0.417       0.421       0.440       0.459       0.463
         0.470
    W7               0.156       0.163       0.167       0.187       0.206       0.210
         0.217

W6        WITH
    W7               0.410       0.417       0.421       0.440       0.459       0.463
         0.470
    W8               0.156       0.163       0.167       0.187       0.206       0.210
         0.217

W7        WITH
    W8               0.410       0.417       0.421       0.440       0.459       0.463
         0.470
    W9               0.156       0.163       0.167       0.187       0.206       0.210
         0.217

W8        WITH
    W9               0.410       0.417       0.421       0.440       0.459       0.463
         0.470
    W10              0.156       0.163       0.167       0.187       0.206       0.210
         0.217

W9        WITH
    W10              0.410       0.417       0.421       0.440       0.459       0.463
         0.470
    W11              0.156       0.163       0.167       0.187       0.206       0.210
         0.217

W10       WITH
    W11              0.410       0.417       0.421       0.440       0.459       0.463
```

        0.470

Means
    IW   10.299   10.563   10.698   11.403   12.108   12.243
      12.507
    S1W   4.777   5.841   6.385   9.226   12.067   12.611
      13.675
    S2W   999.000   999.000   999.000   999.000   999.000   999.000
     999.000
    S3W   999.000   999.000   999.000   999.000   999.000   999.000
     999.000

Intercepts
    W1   0.000   0.000   0.000   0.000   0.000   0.000
      0.000
    W2   0.000   0.000   0.000   0.000   0.000   0.000
      0.000
    W3   0.000   0.000   0.000   0.000   0.000   0.000
      0.000
    W4   0.000   0.000   0.000   0.000   0.000   0.000
      0.000
    W5   0.000   0.000   0.000   0.000   0.000   0.000
      0.000
    W6   0.000   0.000   0.000   0.000   0.000   0.000
      0.000
    W7   0.000   0.000   0.000   0.000   0.000   0.000
      0.000
    W8   0.000   0.000   0.000   0.000   0.000   0.000
      0.000
    W9   0.000   0.000   0.000   0.000   0.000   0.000
      0.000
    W10   0.000   0.000   0.000   0.000   0.000   0.000
      0.000
    W11   0.000   0.000   0.000   0.000   0.000   0.000
      0.000

Variances
    IW   1.000   1.000   1.000   1.000   1.000   1.000
      1.000
    S1W   1.000   1.000   1.000   1.000   1.000   1.000
      1.000
    S2W   999.000   999.000   999.000   999.000   999.000   999.000
     999.000
    S3W   999.000   999.000   999.000   999.000   999.000   999.000
     999.000

Residual Variances
    W1   0.229   0.290   0.322   0.485   0.649   0.680
      0.741
    W2   0.209   0.277   0.312   0.495   0.677   0.712
      0.781
    W3   0.137   0.182   0.206   0.327   0.448   0.471
      0.517
    W4   0.112   0.140   0.154   0.229   0.303   0.318
      0.346
    W5   0.052   0.075   0.087   0.148   0.209   0.221
      0.243
    W6   0.161   0.175   0.182   0.219   0.257   0.264
      0.278
    W7   0.025   0.039   0.046   0.084   0.122   0.129
      0.144
    W8   0.051   0.062   0.067   0.096   0.124   0.129
      0.140
    W9   0.052   0.061   0.066   0.092   0.118   0.123
      0.133
    W10   0.037   0.044   0.047   0.065   0.082   0.085
      0.092
    W11   -0.038   0.003   0.024   0.134   0.244   0.265

        0.307

STD Standardization

	Lower .5%	Lower 2.5%	Lower 5%	Estimate	Upper 5%	Upper 2.5%	Upper .5%

Latent Class 1

 IW   BY
W1	1.099	1.124	1.137	1.202	1.268	1.280	1.305
W2	1.099	1.124	1.137	1.202	1.268	1.280	1.305
W3	1.099	1.124	1.137	1.202	1.268	1.280	1.305
W4	1.099	1.124	1.137	1.202	1.268	1.280	1.305
W5	1.099	1.124	1.137	1.202	1.268	1.280	1.305
W6	1.099	1.124	1.137	1.202	1.268	1.280	1.305
W7	1.099	1.124	1.137	1.202	1.268	1.280	1.305
W8	1.099	1.124	1.137	1.202	1.268	1.280	1.305
W9	1.099	1.124	1.137	1.202	1.268	1.280	1.305
W10	1.099	1.124	1.137	1.202	1.268	1.280	1.305
W11	1.099	1.124	1.137	1.202	1.268	1.280	1.305

 S1W   BY
W1	-1.076	-1.055	-1.044	-0.988	-0.932	-0.922	-0.901
W2	-0.952	-0.933	-0.924	-0.874	-0.825	-0.815	-0.797
W3	-0.786	-0.771	-0.763	-0.722	-0.681	-0.674	-0.658
W4	-0.662	-0.649	-0.643	-0.608	-0.574	-0.567	-0.554
W5	-0.455	-0.446	-0.442	-0.418	-0.394	-0.390	-0.381
W6	-0.207	-0.203	-0.201	-0.190	-0.179	-0.177	-0.173
W7	0.000	0.000	0.000	0.000	0.000	0.000	0.000
W8	0.173	0.177	0.179	0.190	0.201	0.203	0.207
W9	0.346	0.355	0.359	0.380	0.402	0.406	0.414
W10	0.520	0.532	0.538	0.570	0.602	0.609	0.621
W11	0.901	0.922	0.932	0.988	1.044	1.055	1.076

 S2W   BY
W1	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W2	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W3	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W4	999.000	999.000	999.000	999.000	999.000	999.000	999.000
W5	999.000	999.000	999.000	999.000	999.000	999.000	

999.000						
W6	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W7	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W8	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W9	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W10	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W11	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S3W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W2	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W3	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W4	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W5	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W6	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W7	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W8	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W9	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W10	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W11	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S3W   WITH

IW	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S1W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S2W   WITH

IW	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S1W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S1W   WITH

IW	0.930	0.937	0.941	0.960	0.979	0.983
0.990						

W1   WITH

W2	0.077	0.092	0.100	0.141	0.182	0.189
0.205						
W3	0.042	0.051	0.055	0.077	0.099	0.104
0.112						

W2   WITH

W3	0.149	0.178	0.194	0.273	0.353	0.368
0.398						
W4	0.049	0.060	0.066	0.095	0.125	0.131
0.142						

```
W3       WITH
   W4                    0.137      0.174      0.193      0.291      0.390      0.408
      0.445
   W5                    0.061      0.076      0.083      0.122      0.161      0.169
      0.184

W4       WITH
   W5                    0.120      0.148      0.162      0.238      0.313      0.328
      0.356
   W6                    0.044      0.059      0.067      0.108      0.149      0.157
      0.172

W5       WITH
   W6                    0.102      0.138      0.156      0.252      0.349      0.367
      0.403
   W7                    0.058      0.076      0.086      0.136      0.185      0.195
      0.214

W6       WITH
   W7                    0.128      0.180      0.206      0.342      0.479      0.505
      0.556
   W8                    0.034      0.056      0.067      0.125      0.184      0.195
      0.217

W7       WITH
   W8                    0.140      0.196      0.225      0.374      0.524      0.553
      0.609
   W9                    0.077      0.104      0.118      0.191      0.263      0.277
      0.304

W8       WITH
   W9                    0.184      0.233      0.258      0.388      0.519      0.544
      0.593
   W10                   0.060      0.080      0.090      0.143      0.196      0.206
      0.226

W9       WITH
   W10                   0.183      0.236      0.264      0.405      0.546      0.574
      0.626
   W11                   0.158      0.198      0.219      0.328      0.436      0.457
      0.498

W10      WITH
   W11                   0.342      0.421      0.461      0.671      0.881      0.921
      1.000

Means
   IW                   11.629     11.983     12.164     13.109     14.054     14.235
     14.589
   S1W                  10.388     11.149     11.538     13.570     15.602     15.991
     16.752
   S2W                 999.000    999.000    999.000    999.000    999.000    999.000
    999.000
   S3W                 999.000    999.000    999.000    999.000    999.000    999.000
    999.000

Intercepts
   W1                    0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W2                    0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W3                    0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W4                    0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W5                    0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W6                    0.000      0.000      0.000      0.000      0.000      0.000
```

0.000						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W9	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W10	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W11	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

 Variances

IW	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
S1W	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

 Residual Variances

W1	0.076	0.109	0.126	0.213	0.300	0.316
0.349						
W2	0.235	0.294	0.324	0.480	0.637	0.667
0.725						
W3	0.349	0.458	0.513	0.804	1.094	1.150
1.259						
W4	0.213	0.292	0.333	0.545	0.758	0.798
0.878						
W5	0.225	0.300	0.338	0.536	0.735	0.773
0.847						
W6	0.104	0.226	0.288	0.614	0.940	1.002
1.124						
W7	0.305	0.468	0.551	0.985	1.418	1.501
1.664						
W8	0.189	0.320	0.387	0.735	1.083	1.150
1.281						
W9	0.295	0.478	0.571	1.060	1.549	1.643
1.826						
W10	0.308	0.425	0.485	0.799	1.113	1.173
1.290						
W11	1.120	1.548	1.767	2.909	4.051	4.270
4.698						

Latent Class 2

 IW   BY

W1	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W2	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W3	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W4	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W5	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W6	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W7	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W8	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W9	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W10	1.099	1.124	1.137	1.202	1.268	1.280

1.305						
W11	1.099	1.124	1.137	1.202	1.268	1.280
1.305						

S1W BY

W1	-1.076	-1.055	-1.044	-0.988	-0.932	-0.922
-0.901						
W2	-0.952	-0.933	-0.924	-0.874	-0.825	-0.815
-0.797						
W3	-0.786	-0.771	-0.763	-0.722	-0.681	-0.674
-0.658						
W4	-0.662	-0.649	-0.643	-0.608	-0.574	-0.567
-0.554						
W5	-0.455	-0.446	-0.442	-0.418	-0.394	-0.390
-0.381						
W6	-0.207	-0.203	-0.201	-0.190	-0.179	-0.177
-0.173						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.173	0.177	0.179	0.190	0.201	0.203
0.207						
W9	0.346	0.355	0.359	0.380	0.402	0.406
0.414						
W10	0.520	0.532	0.538	0.570	0.602	0.609
0.621						
W11	0.901	0.922	0.932	0.988	1.044	1.055
1.076						

S2W BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W2	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W3	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W4	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W5	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W6	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W7	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W8	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W9	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W10	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W11	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S3W BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W2	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W3	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W4	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W5	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W6	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W7	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W8	999.000	999.000	999.000	999.000	999.000	999.000

999.000						
W9	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W10	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W11	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S3W   WITH

IW	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S1W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S2W   WITH

IW	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S1W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S1W   WITH

IW	0.930	0.937	0.941	0.960	0.979	0.983
0.990						

W1   WITH

W2	0.044	0.050	0.053	0.069	0.085	0.088
0.094						
W3	0.016	0.019	0.021	0.028	0.036	0.037
0.040						

W2   WITH

W3	0.043	0.050	0.053	0.072	0.091	0.095
0.102						
W4	0.013	0.017	0.018	0.028	0.038	0.040
0.044						

W3   WITH

W4	0.039	0.045	0.048	0.065	0.082	0.085
0.091						
W5	0.016	0.020	0.022	0.032	0.042	0.043
0.047						

W4   WITH

W5	0.034	0.042	0.047	0.069	0.092	0.096
0.105						
W6	0.014	0.018	0.020	0.031	0.042	0.044
0.048						

W5   WITH

W6	0.042	0.052	0.057	0.084	0.111	0.116
0.126						
W7	0.011	0.015	0.018	0.030	0.042	0.045
0.049						

W6   WITH

W7	0.036	0.046	0.050	0.075	0.100	0.105
0.114						
W8	0.009	0.015	0.018	0.033	0.048	0.051
0.057						

W7   WITH

W8	0.027	0.036	0.041	0.066	0.091	0.096
0.106						
W9	0.011	0.015	0.017	0.029	0.040	0.042
0.046						

W8 WITH						
W9	0.045	0.051	0.054	0.070	0.086	0.089
0.095						
W10	0.016	0.019	0.021	0.029	0.037	0.039
0.042						
W9 WITH						
W10	0.035	0.043	0.048	0.070	0.092	0.097
0.105						
W11	-0.005	0.010	0.017	0.056	0.095	0.102
0.117						
W10 WITH						
W11	-0.016	0.019	0.037	0.129	0.221	0.239
0.274						
Means						
IW	9.863	10.088	10.203	10.803	11.404	11.519
11.744						
S1W	2.952	3.790	4.219	6.457	8.696	9.124
9.962						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
Intercepts						
W1	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W2	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W3	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W4	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W5	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W6	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W9	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W10	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W11	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
Variances						
IW	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
S1W	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
Residual Variances						
W1	0.049	0.072	0.084	0.145	0.206	0.218
0.241						
W2	0.077	0.099	0.110	0.169	0.228	0.239
0.261						
W3	0.093	0.109	0.117	0.159	0.202	0.210
0.226						
W4	0.063	0.081	0.090	0.137	0.184	0.193

	0.210					
W5	0.077	0.101	0.114	0.181	0.247	0.260
	0.285					
W6	0.083	0.112	0.126	0.202	0.278	0.293
	0.322					
W7	0.028	0.056	0.070	0.144	0.218	0.232
	0.260					
W8	0.029	0.059	0.075	0.157	0.239	0.254
	0.285					
W9	0.069	0.091	0.103	0.163	0.223	0.234
	0.257					
W10	0.073	0.093	0.103	0.156	0.209	0.219
	0.239					
W11	-0.457	-0.215	-0.092	0.552	1.196	1.320
	1.561					

Latent Class 3

 IW   BY

W1	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W2	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W3	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W4	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W5	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W6	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W7	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W8	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W9	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W10	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W11	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					

 S1W   BY

W1	-1.076	-1.055	-1.044	-0.988	-0.932	-0.922
	-0.901					
W2	-0.952	-0.933	-0.924	-0.874	-0.825	-0.815
	-0.797					
W3	-0.786	-0.771	-0.763	-0.722	-0.681	-0.674
	-0.658					
W4	-0.662	-0.649	-0.643	-0.608	-0.574	-0.567
	-0.554					
W5	-0.455	-0.446	-0.442	-0.418	-0.394	-0.390
	-0.381					
W6	-0.207	-0.203	-0.201	-0.190	-0.179	-0.177
	-0.173					
W7	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W8	0.173	0.177	0.179	0.190	0.201	0.203
	0.207					
W9	0.346	0.355	0.359	0.380	0.402	0.406
	0.414					
W10	0.520	0.532	0.538	0.570	0.602	0.609
	0.621					
W11	0.901	0.922	0.932	0.988	1.044	1.055
	1.076					

 S2W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000

							999.000
W2		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W3		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W4		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W5		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W6		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W7		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W8		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W9		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W10		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W11		999.000	999.000	999.000	999.000	999.000	999.000
							999.000

S3W   BY

W1		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W2		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W3		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W4		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W5		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W6		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W7		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W8		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W9		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W10		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
W11		999.000	999.000	999.000	999.000	999.000	999.000
							999.000

S3W   WITH

IW		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
S1W		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
S2W		999.000	999.000	999.000	999.000	999.000	999.000
							999.000

S2W   WITH

IW		999.000	999.000	999.000	999.000	999.000	999.000
							999.000
S1W		999.000	999.000	999.000	999.000	999.000	999.000
							999.000

S1W   WITH

IW		0.930	0.937	0.941	0.960	0.979	0.983
							0.990

W1   WITH

W2		0.017	0.024	0.028	0.047	0.066	0.070
							0.077
W3		0.014	0.018	0.020	0.030	0.041	0.042

```
            0.046

  W2      WITH
    W3              0.019       0.027       0.031       0.052       0.074       0.078
            0.086
    W4              0.008       0.011       0.013       0.023       0.033       0.035
            0.038

  W3      WITH
    W4              0.035       0.046       0.052       0.083       0.114       0.120
            0.131
    W5              0.012       0.019       0.022       0.041       0.059       0.063
            0.070

  W4      WITH
    W5              0.023       0.042       0.051       0.100       0.148       0.158
            0.176
    W6              0.010       0.028       0.037       0.085       0.134       0.143
            0.161

  W5      WITH
    W6              0.046       0.091       0.114       0.233       0.352       0.375
            0.420
    W7              0.025       0.042       0.050       0.094       0.138       0.147
            0.163

  W6      WITH
    W7             -0.201      -0.045       0.034       0.450       0.866       0.945
            1.101
    W8             -0.101      -0.015       0.029       0.261       0.492       0.537
            0.623

  W7      WITH
    W8             -0.284      -0.076       0.031       0.588       1.145       1.252
            1.460
    W9             -0.071       0.000       0.036       0.224       0.412       0.448
            0.518

  W8      WITH
    W9             -0.219       0.006       0.121       0.722       1.322       1.437
            1.662
    W10            -0.115       0.018       0.085       0.440       0.794       0.862
            0.995

  W9      WITH
    W10            -0.185       0.082       0.218       0.931       1.645       1.781
            2.048
    W11            -0.001       0.122       0.185       0.515       0.844       0.907
            1.030

  W10     WITH
    W11            -0.027       0.397       0.614       1.746       2.878       3.095
            3.519

Means
    IW             11.013      11.277      11.413      12.119      12.826      12.961
           13.226
    S1W            11.508      12.566      13.107      15.933      18.759      19.300
           20.358
    S2W           999.000     999.000     999.000     999.000     999.000     999.000
          999.000
    S3W           999.000     999.000     999.000     999.000     999.000     999.000
          999.000

Intercepts
    W1              0.000       0.000       0.000       0.000       0.000       0.000
            0.000
    W2              0.000       0.000       0.000       0.000       0.000       0.000
```

	0.000					
W3	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W4	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W5	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W6	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W7	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W8	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W9	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W10	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W11	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					

Variances

IW	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
S1W	1.000	1.000	1.000	1.000	1.000	1.000
	1.000					
S2W	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
S3W	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					

Residual Variances

W1	0.037	0.063	0.076	0.145	0.214	0.227
	0.253					
W2	0.005	0.023	0.031	0.078	0.124	0.133
	0.150					
W3	0.059	0.088	0.103	0.182	0.260	0.275
	0.305					
W4	0.048	0.083	0.101	0.196	0.290	0.308
	0.344					
W5	0.012	0.072	0.103	0.262	0.422	0.452
	0.512					
W6	-0.447	-0.084	0.101	1.070	2.039	2.225
	2.588					
W7	-0.503	-0.149	0.032	0.977	1.922	2.103
	2.457					
W8	-0.830	-0.195	0.130	1.827	3.523	3.848
	4.483					
W9	-0.287	0.134	0.349	1.472	2.595	2.810
	3.231					
W10	-0.767	0.144	0.610	3.044	5.478	5.945
	6.856					
W11	0.709	1.776	2.321	5.170	8.019	8.564
	9.631					

Latent Class 4

IW   BY

W1	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W2	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W3	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W4	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W5	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W6	1.099	1.124	1.137	1.202	1.268	1.280

	1.305					
W7	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W8	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W9	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W10	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					
W11	1.099	1.124	1.137	1.202	1.268	1.280
	1.305					

S1W   BY

W1	-1.076	-1.055	-1.044	-0.988	-0.932	-0.922
	-0.901					
W2	-0.952	-0.933	-0.924	-0.874	-0.825	-0.815
	-0.797					
W3	-0.786	-0.771	-0.763	-0.722	-0.681	-0.674
	-0.658					
W4	-0.662	-0.649	-0.643	-0.608	-0.574	-0.567
	-0.554					
W5	-0.455	-0.446	-0.442	-0.418	-0.394	-0.390
	-0.381					
W6	-0.207	-0.203	-0.201	-0.190	-0.179	-0.177
	-0.173					
W7	0.000	0.000	0.000	0.000	0.000	0.000
	0.000					
W8	0.173	0.177	0.179	0.190	0.201	0.203
	0.207					
W9	0.346	0.355	0.359	0.380	0.402	0.406
	0.414					
W10	0.520	0.532	0.538	0.570	0.602	0.609
	0.621					
W11	0.901	0.922	0.932	0.988	1.044	1.055
	1.076					

S2W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W2	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W3	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W4	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W5	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W6	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W7	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W8	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W9	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W10	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W11	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					

S3W   BY

W1	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W2	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W3	999.000	999.000	999.000	999.000	999.000	999.000
	999.000					
W4	999.000	999.000	999.000	999.000	999.000	999.000

```
999.000
W5          999.000   999.000   999.000   999.000   999.000   999.000
999.000
W6          999.000   999.000   999.000   999.000   999.000   999.000
999.000
W7          999.000   999.000   999.000   999.000   999.000   999.000
999.000
W8          999.000   999.000   999.000   999.000   999.000   999.000
999.000
W9          999.000   999.000   999.000   999.000   999.000   999.000
999.000
W10         999.000   999.000   999.000   999.000   999.000   999.000
999.000
W11         999.000   999.000   999.000   999.000   999.000   999.000
999.000


S3W    WITH
IW          999.000   999.000   999.000   999.000   999.000   999.000
999.000
S1W         999.000   999.000   999.000   999.000   999.000   999.000
999.000
S2W         999.000   999.000   999.000   999.000   999.000   999.000
999.000


S2W    WITH
IW          999.000   999.000   999.000   999.000   999.000   999.000
999.000
S1W         999.000   999.000   999.000   999.000   999.000   999.000
999.000


S1W    WITH
IW            0.930     0.937     0.941     0.960     0.979     0.983
0.990

W1     WITH
W2            0.052     0.063     0.069     0.097     0.126     0.131
0.142
W3            0.016     0.021     0.023     0.036     0.050     0.052
0.057

W2     WITH
W3            0.079     0.093     0.101     0.140     0.180     0.187
0.202
W4            0.033     0.038     0.041     0.056     0.071     0.073
0.079

W3     WITH
W4            0.072     0.083     0.088     0.117     0.145     0.151
0.162
W5            0.023     0.028     0.031     0.044     0.058     0.060
0.065

W4     WITH
W5            0.065     0.073     0.077     0.098     0.119     0.123
0.131
W6            0.035     0.040     0.043     0.055     0.068     0.070
0.075

W5     WITH
W6            0.073     0.083     0.089     0.116     0.144     0.149
0.159
W7            0.022     0.025     0.026     0.035     0.043     0.045
0.048

W6     WITH
W7            0.064     0.074     0.080     0.109     0.138     0.143
0.154
W8            0.027     0.031     0.033     0.045     0.057     0.060
```

```
                        0.064

W7       WITH
   W8               0.051      0.057      0.060      0.075      0.090      0.093
      0.099
   W9               0.021      0.025      0.027      0.037      0.047      0.049
      0.053

W8       WITH
   W9               0.059      0.066      0.069      0.086      0.103      0.107
      0.113
   W10              0.020      0.023      0.025      0.034      0.042      0.044
      0.047

W9       WITH
   W10              0.043      0.055      0.061      0.093      0.124      0.130
      0.142
   W11              0.033      0.040      0.043      0.060      0.078      0.081
      0.088

W10      WITH
   W11              0.081      0.093      0.099      0.131      0.163      0.170
      0.182

Means
   IW              11.307     11.596     11.743     12.514     13.284     13.432
     13.720
   S1W              6.231      6.593      6.778      7.745      8.712      8.897
      9.259
   S2W            999.000    999.000    999.000    999.000    999.000    999.000
    999.000
   S3W            999.000    999.000    999.000    999.000    999.000    999.000
    999.000

Intercepts
   W1               0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W2               0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W3               0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W4               0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W5               0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W6               0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W7               0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W8               0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W9               0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W10              0.000      0.000      0.000      0.000      0.000      0.000
      0.000
   W11              0.000      0.000      0.000      0.000      0.000      0.000
      0.000

Variances
   IW               1.000      1.000      1.000      1.000      1.000      1.000
      1.000
   S1W              1.000      1.000      1.000      1.000      1.000      1.000
      1.000
   S2W            999.000    999.000    999.000    999.000    999.000    999.000
    999.000
   S3W            999.000    999.000    999.000    999.000    999.000    999.000
    999.000
```

Residual Variances

W1	0.042	0.064	0.076	0.135	0.195	0.206
0.228						
W2	0.198	0.237	0.257	0.360	0.463	0.483
0.522						
W3	0.138	0.173	0.191	0.283	0.375	0.393
0.427						
W4	0.165	0.185	0.196	0.249	0.303	0.314
0.334						
W5	0.113	0.134	0.144	0.198	0.253	0.263
0.283						
W6	0.149	0.197	0.222	0.351	0.481	0.506
0.554						
W7	0.106	0.122	0.131	0.174	0.217	0.226
0.242						
W8	0.083	0.103	0.113	0.168	0.222	0.233
0.253						
W9	0.089	0.122	0.139	0.228	0.318	0.335
0.368						
W10	0.084	0.111	0.124	0.194	0.264	0.278
0.304						
W11	0.221	0.278	0.307	0.459	0.610	0.640
0.696						

Latent Class 5

IW   BY

W1	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W2	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W3	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W4	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W5	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W6	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W7	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W8	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W9	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W10	1.099	1.124	1.137	1.202	1.268	1.280
1.305						
W11	1.099	1.124	1.137	1.202	1.268	1.280
1.305						

S1W   BY

W1	-1.076	-1.055	-1.044	-0.988	-0.932	-0.922
-0.901						
W2	-0.952	-0.933	-0.924	-0.874	-0.825	-0.815
-0.797						
W3	-0.786	-0.771	-0.763	-0.722	-0.681	-0.674
-0.658						
W4	-0.662	-0.649	-0.643	-0.608	-0.574	-0.567
-0.554						
W5	-0.455	-0.446	-0.442	-0.418	-0.394	-0.390
-0.381						
W6	-0.207	-0.203	-0.201	-0.190	-0.179	-0.177
-0.173						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.173	0.177	0.179	0.190	0.201	0.203
0.207						
W9	0.346	0.355	0.359	0.380	0.402	0.406

0.414						
W10	0.520	0.532	0.538	0.570	0.602	0.609
0.621						
W11	0.901	0.922	0.932	0.988	1.044	1.055
1.076						
S2W BY						
W1	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W2	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W3	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W4	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W5	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W6	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W7	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W8	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W9	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W10	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W11	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W BY						
W1	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W2	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W3	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W4	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W5	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W6	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W7	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W8	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W9	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W10	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
W11	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W WITH						
IW	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S1W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S2W WITH						
IW	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S1W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

S1W	WITH						
IW		0.930	0.937	0.941	0.960	0.979	0.983
	0.990						
W1	WITH						
W2		0.019	0.031	0.037	0.069	0.101	0.108
	0.120						
W3		0.011	0.015	0.016	0.026	0.035	0.037
	0.041						
W2	WITH						
W3		0.012	0.026	0.034	0.073	0.112	0.119
	0.134						
W4		0.008	0.013	0.016	0.028	0.041	0.043
	0.048						
W3	WITH						
W4		0.020	0.029	0.034	0.059	0.083	0.088
	0.097						
W5		0.008	0.012	0.014	0.024	0.034	0.036
	0.040						
W4	WITH						
W5		0.019	0.027	0.031	0.052	0.073	0.077
	0.085						
W6		0.022	0.025	0.027	0.035	0.044	0.046
	0.049						
W5	WITH						
W6		0.042	0.051	0.056	0.080	0.105	0.110
	0.119						
W7		0.011	0.014	0.015	0.023	0.031	0.032
	0.035						
W6	WITH						
W7		0.056	0.063	0.067	0.087	0.107	0.111
	0.118						
W8		0.027	0.032	0.034	0.046	0.057	0.059
	0.064						
W7	WITH						
W8		0.044	0.051	0.054	0.072	0.090	0.094
	0.101						
W9		0.018	0.022	0.024	0.034	0.044	0.046
	0.050						
W8	WITH						
W9		0.076	0.082	0.084	0.099	0.114	0.117
	0.122						
W10		0.026	0.029	0.030	0.039	0.047	0.049
	0.052						
W9	WITH						
W10		0.065	0.074	0.078	0.102	0.125	0.129
	0.138						
W11		0.007	0.024	0.033	0.080	0.126	0.135
	0.153						
W10	WITH						
W11		0.038	0.070	0.087	0.173	0.260	0.276
	0.309						
Means							
IW		10.299	10.563	10.698	11.403	12.108	12.243
	12.507						
S1W		4.777	5.841	6.385	9.226	12.067	12.611
	13.675						
S2W		999.000	999.000	999.000	999.000	999.000	999.000

```
                        999.000
        S3W             999.000    999.000    999.000    999.000    999.000    999.000
                        999.000
```

Intercepts

W1	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W2	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W3	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W4	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W5	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W6	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W7	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W8	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W9	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W10	0.000	0.000	0.000	0.000	0.000	0.000
0.000						
W11	0.000	0.000	0.000	0.000	0.000	0.000
0.000						

Variances

IW	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
S1W	1.000	1.000	1.000	1.000	1.000	1.000
1.000						
S2W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						
S3W	999.000	999.000	999.000	999.000	999.000	999.000
999.000						

Residual Variances

W1	0.051	0.071	0.081	0.132	0.184	0.194
0.214						
W2	0.012	0.054	0.076	0.187	0.299	0.321
0.363						
W3	0.035	0.062	0.075	0.146	0.216	0.229
0.256						
W4	0.049	0.066	0.075	0.122	0.169	0.178
0.195						
W5	0.032	0.052	0.062	0.114	0.165	0.175
0.195						
W6	0.210	0.230	0.240	0.293	0.347	0.357
0.377						
W7	0.039	0.062	0.073	0.133	0.193	0.204
0.227						
W8	0.103	0.127	0.139	0.203	0.267	0.279
0.303						
W9	0.142	0.168	0.181	0.250	0.319	0.333
0.358						
W10	0.128	0.148	0.159	0.213	0.268	0.278
0.298						
W11	-0.325	-0.073	0.056	0.729	1.402	1.531
1.783						

SAMPLE STATISTICS FOR ESTIMATED FACTOR SCORES

     SAMPLE STATISTICS

```
        Means
          IW            S1W           S2W           S3W           C IW
        _____      _____      _____      _____      _____
         14.034         3.362       -10.001       -20.300        14.011


        Means
          C_S1W         C_S2W         C_S3W
        _____      _____      _____
          3.338        -9.924       -20.209


        Covariances
          IW            S1W           S2W           S3W           C_IW
        _____      _____      _____      _____      _____
 IW        2.097
 S1W       0.838         0.673
 S2W      -2.380        -2.047         8.405
 S3W      -3.688        -2.259        10.649        15.495
 C_IW      2.100         0.834        -2.360        -3.669         2.111
 C_S1W     0.811         0.705        -2.204        -2.395         0.802
 C_S2W    -2.321        -2.216         9.384        11.734        -2.276
 C_S3W    -3.689        -2.447        11.835        16.973        -3.652


        Covariances
          C_S1W         C_S2W         C_S3W
        _____      _____      _____
 C_S1W     0.823
 C_S2W    -2.759        12.456
 C_S3W    -2.956        15.299        21.433


        Correlations
          IW            S1W           S2W           S3W           C_IW
        _____      _____      _____      _____      _____
 IW        1.000
 S1W       0.705         1.000
 S2W      -0.567        -0.860         1.000
 S3W      -0.647        -0.700         0.933         1.000
 C_IW      0.998         0.700        -0.560        -0.642         1.000
 C_S1W     0.617         0.947        -0.838        -0.670         0.609
 C_S2W    -0.454        -0.765         0.917         0.845        -0.444
 C_S3W    -0.550        -0.644         0.882         0.931        -0.543


        Correlations
          C_S1W         C_S2W         C_S3W
        _____      _____      _____
 C_S1W     1.000
 C_S2W    -0.862         1.000
 C_S3W    -0.704         0.936         1.000
```

PLOT INFORMATION

The following plots are available:

  Histograms (sample values, estimated factor scores, estimated values, residuals)
  Scatterplots (sample values, estimated factor scores, estimated values, residuals)
  Sample means
  Estimated means, medians, modes, and percentiles
  Sample and estimated means
  Loop plots
  Latent variable distribution plots
  Observed individual values
  Estimated individual values

Estimated means and observed individual values
Estimated means and estimated individual values

SAVEDATA INFORMATION

  Save file
    wt5.dat

  Order and format of variables

    W1   F10.3
    W2   F10.3
    W3   F10.3
    W4   F10.3
    W5   F10.3
    W6   F10.3
    W7   F10.3
    W8   F10.3
    W9   F10.3
    W10   F10.3
    W11   F10.3
    IW   F10.3
    S1W   F10.3
    S2W   F10.3
    S3W   F10.3
    C_IW   F10.3
    C_S1W   F10.3
    C_S2W   F10.3
    C_S3W   F10.3
    CPROB1   F10.3
    CPROB2   F10.3
    CPROB3   F10.3
    CPROB4   F10.3
    CPROB5   F10.3
    C   F10.3
    ID   I6

  Save file format
    25F10.3 I6

  Save file record length   10000

     Beginning Time: 10:11:57
        Ending Time: 12:30:44
       Elapsed Time: 02:18:47