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Notes:

1. Unicode is supported; see [help unicode](#) advice.
2. Maximum number of variables is set to 5000; see [help set maxvar](#).

```
1 . use "L:\JR.dta", clear

2 . sem (PHYSICAL -> KY27PHY1 KY27PHY2 KY27PHY3 KY27PHY4 KY27PHY5) (PSYCHOLOGICAL -> KY27PWB1 k
> Y27PWB7) (AUTONOMY -> KY27PAR1 KY27PAR2 KY27PAR3 KY27PAR4 KY27PAR5 KY27PAR6 KY27PAR7) (SOCI
> CHOOOL -> KY27SCH1 KY27SCH2 KY27SCH3 KY27SCH4), stand
note: The following observed variable names will be treated as latent variables: KY27PHYC, KC
PWmiss, KC27pw_T, KC27pa_R, PARMiss, KC27pa_T, KC27pe_R, PERmiss, KC27pe_T, KC27sc_R, S
intention use the nocapslatent option, or identify the latent variable names in the lat
(306 observations with missing values excluded)
```

Endogenous variables

Measurement: KY27PHY1 KY27PHY2 KY27PHY3 KY27PHY4 KY27PHY5 KY27PWB1 KY27PWB2 KY27PWB3 KY27PWE
 KY27PAR2 KY27PAR3 KY27PAR4 KY27PAR5 KY27PAR6 KY27PAR7 KY27SOC1 KY27SOC2 KY27SOC
 KY27SCH4

Exogenous variables

Latent: PHYSICAL PSYCHOLOGICAL AUTONOMY SOCIAL SCHOOL

Fitting target model:

```
Iteration 0: log likelihood = -29053.578
Iteration 1: log likelihood = -29019.1
Iteration 2: log likelihood = -29017.244
Iteration 3: log likelihood = -29017.224
Iteration 4: log likelihood = -29017.224
```

Structural equation model Number of obs = 938
 Estimation method = ml
 Log likelihood = -29017.224

- (1) [KY27PHY1]PHYSICAL = 1
- (2) [KY27PWB1]PSYCHOLOGICAL = 1
- (3) [KY27PAR1]AUTONOMY = 1
- (4) [KY27SOC1]SOCIAL = 1
- (5) [KY27SCH1]SCHOOL = 1

	Standardized	Coef.	OIM Std. Err.	z	P> z	[95% Conf. Interval]	
Measurement							
KY27PHY1 <-	PHYSICAL	.5470555	.0264973	20.65	0.000	.4951218	.5989892
	_cons	4.094539	.100014	40.94	0.000	3.898516	4.290563
KY27PHY2 <-	PHYSICAL	.7458389	.0192404	38.76	0.000	.7081285	.7835494
	_cons	3.8748	.0952331	40.69	0.000	3.688147	4.061453
KY27PHY3 <-	PHYSICAL	.6392676	.0232909	27.45	0.000	.5936184	.6849168

	_cons	3.639534	.0901497	40.37	0.000	3.462844	3.816224
ky27PHY4 <-	PHYSICAL	.7021579	.0208745	33.64	0.000	.6612447	.7430711
	_cons	4.043687	.098905	40.88	0.000	3.849837	4.237537
ky27PHY5 <-	PHYSICAL	.6998409	.0208952	33.49	0.000	.658887	.7407948
	_cons	4.289075	.1042696	41.13	0.000	4.08471	4.49344
ky27PWB1 <-	PSYCHOLOGICAL	.7370935	.017624	41.82	0.000	.702551	.7716359
	_cons	4.76785	.1148198	41.52	0.000	4.542807	4.992892
ky27PWB2 <-	PSYCHOLOGICAL	.7039837	.0191043	36.85	0.000	.66654	.7414275
	_cons	5.061932	.1213445	41.72	0.000	4.824101	5.299763
ky27PWB3 <-	PSYCHOLOGICAL	.7211025	.0183502	39.30	0.000	.6851368	.7570683
	_cons	5.538671	.1319787	41.97	0.000	5.279998	5.797345
ky27PWB4 <-	PSYCHOLOGICAL	.5156469	.0264094	19.53	0.000	.4638853	.5674084
	_cons	6.218415	.1472359	42.23	0.000	5.929838	6.506992
ky27PWB5 <-	PSYCHOLOGICAL	.5227136	.0261519	19.99	0.000	.4714569	.5739703
	_cons	6.577886	.1553396	42.35	0.000	6.273426	6.882346
ky27PWB6 <-	PSYCHOLOGICAL	.5667765	.0246409	23.00	0.000	.5184813	.6150717
	_cons	6.301413	.149105	42.26	0.000	6.009172	6.593653
ky27PWB7 <-	PSYCHOLOGICAL	.6161194	.0226628	27.19	0.000	.5717012	.6605376
	_cons	5.059046	.1212804	41.71	0.000	4.821341	5.296752
ky27PAR1 <-	AUTONOMY	.4752028	.0284256	16.72	0.000	.4194896	.530916
	_cons	3.363108	.0842326	39.93	0.000	3.198015	3.528201
ky27PAR2 <-	AUTONOMY	.6652736	.0220218	30.21	0.000	.6221116	.7084356
	_cons	4.109522	.100341	40.96	0.000	3.912858	4.306187
ky27PAR3 <-	AUTONOMY	.7070188	.0202229	34.96	0.000	.6673827	.7466549
	_cons	4.065185	.0993736	40.91	0.000	3.870416	4.259953
ky27PAR4 <-	AUTONOMY	.6070469	.0240225	25.27	0.000	.5599637	.6541301
	_cons	4.648444	.1121795	41.44	0.000	4.428576	4.868311
ky27PAR5 <-	AUTONOMY	.6441093	.0227089	28.36	0.000	.5996007	.6886178
	_cons	4.76785	.1148198	41.52	0.000	4.542808	4.992893
ky27PAR6 <-	AUTONOMY	.6205332	.0238701	26.00	0.000	.5737486	.6673177
	_cons	3.527677	.0877475	40.20	0.000	3.355695	3.699659
ky27PAR7 <-	AUTONOMY	.5684733	.0258113	22.02	0.000	.517884	.6190625
	_cons	4.036609	.0987508	40.88	0.000	3.843061	4.230157
ky27SOC1 <-	SOCIAL	.6242649	.0239466	26.07	0.000	.5773305	.6711994
	_cons	4.515678	.1092506	41.33	0.000	4.301551	4.729805
ky27SOC2 <-	SOCIAL	.7631622	.0190438	40.07	0.000	.7258371	.8004874

	_cons	5.567785	.1326301	41.98	0.000	5.307835	5.827735
kY27SOC3 <-							
	SOCIAL	.7286866	.020213	36.05	0.000	.6890699	.7683033
	_cons	4.421022	.107167	41.25	0.000	4.210979	4.631066
kY27SOC4 <-							
	SOCIAL	.6354352	.0233856	27.17	0.000	.5896003	.6812701
	_cons	4.393691	.1065662	41.23	0.000	4.184825	4.602557
kY27SCH1 <-							
	SCHOOL	.7796608	.017593	44.32	0.000	.7451791	.8141424
	_cons	3.811582	.0938633	40.61	0.000	3.627613	3.995551
kY27SCH2 <-							
	SCHOOL	.7488888	.0189001	39.62	0.000	.7118453	.7859324
	_cons	4.5688	.1104216	41.38	0.000	4.352377	4.785222
kY27SCH3 <-							
	SCHOOL	.6178492	.0240589	25.68	0.000	.5706945	.6650038
	_cons	5.21387	.1247267	41.80	0.000	4.96941	5.45833
kY27SCH4 <-							
	SCHOOL	.5638017	.025668	21.97	0.000	.5134933	.6141102
	_cons	4.582689	.110728	41.39	0.000	4.365667	4.799712
	var(e.kY27PHY1)	.7007303	.0289909			.6461518	.7599188
	var(e.kY27PHY2)	.4437243	.0287005			.390892	.5036973
	var(e.kY27PHY3)	.5913369	.0297782			.5357605	.6526785
	var(e.kY27PHY4)	.5069743	.0293144			.4526553	.5678116
	var(e.kY27PHY5)	.5102227	.0292467			.456003	.5708892
	var(e.kY27PWB1)	.4566932	.0259811			.4085075	.5105627
	var(e.kY27PWB2)	.5044069	.0268982			.4543489	.5599801
	var(e.kY27PWB3)	.4800112	.0264648			.4308454	.5347874
	var(e.kY27PWB4)	.7341083	.0272359			.6826216	.7894784
	var(e.kY27PWB5)	.7267705	.0273399			.6751131	.7823805
	var(e.kY27PWB6)	.6787644	.0279317			.6261688	.7357779
	var(e.kY27PWB7)	.6203969	.0279259			.568008	.6776177
	var(e.kY27PAR1)	.7741823	.0270159			.7230024	.8289852
	var(e.kY27PAR2)	.557411	.0293011			.5028413	.6179028
	var(e.kY27PAR3)	.5001244	.0285959			.4471038	.5594326
	var(e.kY27PAR4)	.6314941	.0291655			.5768416	.6913246
	var(e.kY27PAR5)	.5851232	.029254			.5305062	.6453633
	var(e.kY27PAR6)	.6149386	.0296244			.5595328	.6758308
	var(e.kY27PAR7)	.6768382	.0293461			.621697	.73687
	var(e.kY27SOC1)	.6102933	.029898			.5544196	.6717978
	var(e.kY27SOC2)	.4175834	.029067			.3643285	.4786228
	var(e.kY27SOC3)	.4690158	.0294578			.4146917	.5304563
	var(e.kY27SOC4)	.5962221	.0297201			.5407269	.6574128
	var(e.kY27SCH1)	.3921291	.0274331			.3418846	.4497577
	var(e.kY27SCH2)	.4391655	.0283082			.3870443	.4983057
	var(e.kY27SCH3)	.6182624	.0297296			.562655	.6793655
	var(e.kY27SCH4)	.6821276	.0289434			.6276944	.7412811
	var(PHYSICAL)	1	.			.	.
	var(PSYCHOLOGICAL)	1	.			.	.
	var(AUTONOMY)	1	.			.	.
	var(SOCIAL)	1	.			.	.
	var(SCHOOL)	1	.			.	.
cov(PHYSICAL, PSYCHOLOGICAL)							
		.6541078	.026233	24.93	0.000	.6026922	.7055235
cov(PHYSICAL, AUTONOMY)							
		.4849063	.0328322	14.77	0.000	.4205563	.5492563
cov(PHYSICAL, SOCIAL)							
		.5066011	.0327333	15.48	0.000	.442445	.5707572
cov(PHYSICAL, SCHOOL)							
		.5596716	.0308457	18.14	0.000	.4992152	.6201281
cov(PSYCHOLOGICAL, AUTONOMY)							
		.7031186	.0242277	29.02	0.000	.6556331	.7506041
cov(PSYCHOLOGICAL, SOCIAL)							
		.7377955	.0232452	31.74	0.000	.6922357	.7833553
cov(PSYCHOLOGICAL, SCHOOL)							
		.7935976	.0207849	38.18	0.000	.75286	.8343352
cov(AUTONOMY, SOCIAL)							
		.6208162	.0287906	21.56	0.000	.5643875	.6772448
cov(AUTONOMY, SCHOOL)							
		.6378435	.0278992	22.86	0.000	.5831621	.6925249
cov(SOCIAL, SCHOOL)							
		.6618825	.0278245	23.79	0.000	.6073476	.7164175

LR test of model vs. saturated: chi2(314) = 974.95, Prob > chi2 = 0.0000

3 . estat gof, stats(all)

Fit statistic	Value	Description
Likelihood ratio		
chi2_ms(314)	974.948	model vs. saturated
p > chi2	0.000	
chi2_bs(351)	9408.677	baseline vs. saturated
p > chi2	0.000	
Population error		
RMSEA	0.047	Root mean squared error of approximation
90% CI, lower bound	0.044	
upper bound	0.051	
pclose	0.898	Probability RMSEA <= 0.05
Information criteria		
AIC	58216.448	Akaike's information criterion
BIC	58657.230	Bayesian information criterion
Baseline comparison		
CFI	0.927	Comparative fit index
TLI	0.918	Tucker-Lewis index
Size of residuals		
SRMR	0.038	Standardized root mean squared residual
CD	0.998	Coefficient of determination

4 . estat mindices

Modification indices

	MI	df	P>MI	EPC	Standard EPC
Measurement					
ky27PWB4 <-					
PHYSICAL	6.389	1	0.01	-.1547022	-.1204166
SOCIAL	3.934	1	0.05	-.1387123	-.1150568
ky27PWB6 <-					
PHYSICAL	13.603	1	0.00	-.2308383	-.1712669
AUTONOMY	5.845	1	0.02	.1697317	.123267
ky27PAR2 <-					
PHYSICAL	27.785	1	0.00	.3491571	.1921771
PSYCHOLOGICAL	53.255	1	0.00	.5115018	.3568259
SOCIAL	16.224	1	0.00	.3008454	.1764541
SCHOOL	7.355	1	0.01	.145124	.1214936
ky27PAR5 <-					
PHYSICAL	12.868	1	0.00	-.2274182	-.1322572
PSYCHOLOGICAL	5.349	1	0.02	-.1546519	-.1139929
SCHOOL	4.090	1	0.04	-.1033705	-.0914374
ky27PAR6 <-					
SOCIAL	8.148	1	0.00	-.2515958	-.1276479
ky27PAR7 <-					
PSYCHOLOGICAL	11.567	1	0.00	-.2680458	-.1728016
SOCIAL	7.204	1	0.01	-.2267539	-.1229059
ky27SOC1 <-					
SCHOOL	13.225	1	0.00	-.2030899	-.1809601
ky27SOC2 <-					
AUTONOMY	9.374	1	0.00	-.2135341	-.137716
ky27SOC3 <-					

AUTONOMY	8.641	1	0.00	.2397283	.1314307
SCHOOL	12.057	1	0.00	.2018487	.1719565
<hr/>					
ky27SCH1 <-					
PSYCHOLOGICAL	31.539	1	0.00	.6430974	.4178088
SOCIAL	5.306	1	0.02	.2101002	.1147642
<hr/>					
ky27SCH2 <-					
PSYCHOLOGICAL	8.565	1	0.00	-.2829343	-.2113758
AUTONOMY	6.475	1	0.01	-.2017918	-.1164295
SOCIAL	9.943	1	0.00	-.247427	-.1554161
<hr/>					
cov(e.kY27PHY1,e.kY27PHY2)	5.407	1	0.02	.0528619	.097559
cov(e.kY27PHY1,e.kY27PHY3)	4.117	1	0.04	.0501008	.0769019
cov(e.kY27PHY1,e.kY27PHY5)	3.943	1	0.05	-.041052	-.0788713
cov(e.kY27PHY1,e.kY27PWB3)	3.972	1	0.05	-.0310219	-.0725229
cov(e.kY27PHY1,e.kY27PWB5)	4.092	1	0.04	-.032899	-.0701947
cov(e.kY27PHY1,e.kY27PAR7)	4.776	1	0.03	.0524035	.0770203
cov(e.kY27PHY1,e.kY27SOC2)	5.895	1	0.02	-.0388898	-.0942629
cov(e.kY27PHY1,e.kY27SCH1)	5.520	1	0.02	-.047188	-.0918263
cov(e.kY27PHY1,e.kY27SCH4)	8.508	1	0.00	.0629826	.1027617
cov(e.kY27PHY2,e.kY27PHY3)	7.539	1	0.01	-.0680541	-.1240904
cov(e.kY27PHY2,e.kY27PWB1)	4.137	1	0.04	.033478	.08136
cov(e.kY27PHY2,e.kY27PWB5)	8.859	1	0.00	.0442771	.1122258
cov(e.kY27PHY2,e.kY27SCH4)	5.908	1	0.02	-.0480163	-.0930659
cov(e.kY27PHY3,e.kY27PHY4)	7.506	1	0.01	.0662914	.116154
cov(e.kY27PHY3,e.kY27PWB4)	4.924	1	0.03	-.036972	-.0788895
cov(e.kY27PHY3,e.kY27PWB6)	7.825	1	0.01	-.0473591	-.100172
cov(e.kY27PHY3,e.kY27PAR2)	7.277	1	0.01	.057892	.1002417
cov(e.kY27PHY3,e.kY27PAR5)	8.804	1	0.00	-.0612724	-.1094138
cov(e.kY27PHY3,e.kY27SOC1)	4.013	1	0.05	.041882	.073766
cov(e.kY27PHY3,e.kY27SCH1)	6.087	1	0.01	-.0515201	-.0990538
cov(e.kY27PHY4,e.kY27PAR6)	7.299	1	0.01	.0617346	.1017133
cov(e.kY27PHY5,e.kY27PAR4)	9.524	1	0.00	-.0549043	-.1155974
cov(e.kY27PHY5,e.kY27SCH3)	5.997	1	0.01	-.0372399	-.0921365
cov(e.kY27PWB1,e.kY27PWB2)	9.350	1	0.00	.042234	.1238124
cov(e.kY27PWB1,e.kY27PWB6)	7.962	1	0.00	-.0377655	-.1064644
cov(e.kY27PWB1,e.kY27PAR4)	4.145	1	0.04	.0336698	.0754844
cov(e.kY27PWB1,e.kY27SOC1)	9.559	1	0.00	-.0494056	-.1159768
cov(e.kY27PWB1,e.kY27SCH1)	10.034	1	0.00	.0510981	.1309381
cov(e.kY27PWB1,e.kY27SCH3)	7.440	1	0.01	-.0386768	-.1018938
cov(e.kY27PWB2,e.kY27PWB3)	14.504	1	0.00	.0453574	.1519485
cov(e.kY27PWB2,e.kY27PWB5)	17.893	1	0.00	-.0505189	-.1544607
cov(e.kY27PWB2,e.kY27PWB6)	11.109	1	0.00	-.0401222	-.1230863
cov(e.kY27PWB2,e.kY27PAR2)	5.548	1	0.02	.03494	.0877475
cov(e.kY27PWB2,e.kY27SOC2)	8.386	1	0.00	-.0334859	-.1163078
cov(e.kY27PWB2,e.kY27SOC4)	6.482	1	0.01	.0389707	.0944366
cov(e.kY27PWB3,e.kY27PWB4)	4.242	1	0.04	-.0233292	-.0758157
cov(e.kY27PWB3,e.kY27PWB5)	7.595	1	0.01	-.0316496	-.1016164
cov(e.kY27PWB3,e.kY27PAR2)	10.769	1	0.00	.0466942	.1231421
cov(e.kY27PWB3,e.kY27PAR6)	13.380	1	0.00	-.062214	-.1351219
cov(e.kY27PWB3,e.kY27PAR7)	7.569	1	0.01	-.0453355	-.1002667
cov(e.kY27PWB3,e.kY27SOC1)	6.955	1	0.01	.0365896	.0981522
cov(e.kY27PWB3,e.kY27SOC2)	5.726	1	0.02	.0265641	.0968886
cov(e.kY27PWB3,e.kY27SOC4)	5.807	1	0.02	-.0353859	-.0900459
cov(e.kY27PWB4,e.kY27PWB5)	55.085	1	0.00	.0863886	.2562314
cov(e.kY27PWB4,e.kY27PWB6)	37.756	1	0.00	.071877	.2139081
cov(e.kY27PWB4,e.kY27PAR4)	6.175	1	0.01	-.0367906	-.0870725
cov(e.kY27PWB4,e.kY27SOC3)	4.288	1	0.04	-.0285137	-.0770638
cov(e.kY27PWB5,e.kY27PWB6)	41.365	1	0.00	.0762452	.2241737
cov(e.kY27PWB5,e.kY27PAR6)	4.313	1	0.04	.0368825	.0731095
cov(e.kY27PWB6,e.kY27PAR5)	4.342	1	0.04	.0298623	.074374
cov(e.kY27PWB7,e.kY27SOC2)	4.274	1	0.04	.0278677	.0806758
cov(e.kY27PWB7,e.kY27SCH3)	4.359	1	0.04	-.0312937	-.0747766
cov(e.kY27PAR1,e.kY27PAR2)	14.849	1	0.00	.0962157	.1423638
cov(e.kY27PAR1,e.kY27SOC4)	5.372	1	0.02	-.0576826	-.0823547
cov(e.kY27PAR1,e.kY27SCH1)	5.397	1	0.02	-.0544573	-.0894695
cov(e.kY27PAR2,e.kY27PAR4)	4.942	1	0.03	-.0448884	-.0862109
cov(e.kY27PAR2,e.kY27PAR6)	4.798	1	0.03	-.0525596	-.0855763
cov(e.kY27PAR2,e.kY27PAR7)	5.595	1	0.02	-.0543315	-.0900812
cov(e.kY27PAR2,e.kY27SOC1)	5.578	1	0.02	.0434687	.0874144
cov(e.kY27PAR2,e.kY27SOC3)	5.027	1	0.02	-.0398217	-.0873374

cov(e.kY27PAR2,e.kY27SCH1)	7.471	1	0.01	-.0502949	-.110407
cov(e.kY27PAR3,e.kY27PAR4)	3.915	1	0.05	.0400188	.0793793
cov(e.kY27PAR3,e.kY27PAR5)	20.784	1	0.00	.0890434	.1875004
cov(e.kY27PAR3,e.kY27PAR7)	5.593	1	0.02	-.054287	-.0929594
cov(e.kY27PAR4,e.kY27PAR5)	7.142	1	0.01	.0516204	.1022414
cov(e.kY27PAR5,e.kY27PAR7)	4.575	1	0.03	-.0470401	-.0804318
cov(e.kY27PAR6,e.kY27PAR7)	134.704	1	0.00	.3158119	.4312256
cov(e.kY27PAR6,e.kY27SOC2)	7.812	1	0.01	-.0489904	-.1103179
cov(e.kY27PAR7,e.kY27SOC2)	6.783	1	0.01	-.0442118	-.1013805
cov(e.kY27PAR7,e.kY27SCH4)	8.412	1	0.00	.0663091	.1023519
cov(e.kY27SOC1,e.kY27SOC2)	29.240	1	0.00	.0901639	.250769
cov(e.kY27SOC1,e.kY27SOC4)	22.129	1	0.00	-.0956369	-.1855762
cov(e.kY27SOC2,e.kY27SOC3)	21.518	1	0.00	-.0848208	-.2572863
cov(e.kY27SOC3,e.kY27SOC4)	6.192	1	0.01	.0518344	.1096955
cov(e.kY27SOC3,e.kY27SCH4)	5.092	1	0.02	.0418202	.0853898
cov(e.kY27SCH1,e.kY27SCH3)	34.236	1	0.00	-.1074412	-.2692431
cov(e.kY27SCH2,e.kY27SCH3)	22.578	1	0.00	.0756603	.2060208
cov(e.kY27SCH3,e.kY27SCH4)	11.390	1	0.00	.0597746	.125593

EPC = expected parameter change

5 . sem (PHYSICAL -> KY27PHY1 KY27PHY2 KY27PHY3 KY27PHY4 KY27PHY5) (PSYCHOLOGICAL -> KY27PWB1 KY27PWB2 KY27PWB3 KY27PWB4 KY27PWB5) (AUTONOMY -> KY27PAR1 KY27PAR2 KY27PAR3 KY27PAR4 KY27PAR5 KY27PAR6 KY27PAR7) (SOCIAL -> KY27SOC1 KY27SOC2 KY27SOC3 KY27SOC4) (SCHOOL -> KY27SCH1 KY27SCH2 KY27SCH3 KY27SCH4), cov(e.kY27PWB4*e.kY27PWB5) cov(e.kY27PWB4*e.kY27PAR6*e.kY27PAR7) stand

note: The following observed variable names will be treated as latent variables: KY27PHYc, KC27pwmiss, KC27pw_T, KC27pa_R, PARmiss, KC27pa_T, KC27pe_R, PERmiss, KC27pe_T, KC27sc_R, S intention use the nocapslatent option, or identify the latent variable names in the latent (306 observations with missing values excluded)

Endogenous variables

Measurement: KY27PHY1 KY27PHY2 KY27PHY3 KY27PHY4 KY27PHY5 KY27PWB1 KY27PWB2 KY27PWB3 KY27PWB4 KY27PAR1 KY27PAR2 KY27PAR3 KY27PAR4 KY27PAR5 KY27PAR6 KY27PAR7 KY27SOC1 KY27SOC2 KY27SOC3 KY27SCH1 KY27SCH2 KY27SCH3 KY27SCH4

Exogenous variables

Latent: PHYSICAL PSYCHOLOGICAL AUTONOMY SOCIAL SCHOOL

Fitting target model: *(Modified)*

Iteration 0: log likelihood = -29053.578
 Iteration 1: log likelihood = -28958.94
 Iteration 2: log likelihood = -28892.299
 Iteration 3: log likelihood = -28883.749
 Iteration 4: log likelihood = -28883.691
 Iteration 5: log likelihood = -28883.691

Structural equation model Number of obs = 938
 Estimation method = ml
 Log likelihood = -28883.691

- (1) [KY27PHY1]PHYSICAL = 1
- (2) [KY27PWB1]PSYCHOLOGICAL = 1
- (3) [KY27PAR1]AUTONOMY = 1
- (4) [KY27SOC1]SOCIAL = 1
- (5) [KY27SCH1]SCHOOL = 1

Standardized	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]		
Measurement KY27PHY1 <-	PHYSICAL	.546518	.0265073	20.62	0.000	.4945647	.5984713
	_cons	4.094539	.100014	40.94	0.000	3.898516	4.290563
KY27PHY2 <-	PHYSICAL	.7449378	.0192559	38.69	0.000	.707197	.7826786
	_cons	3.8748	.0952331	40.69	0.000	3.688147	4.061453
KY27PHY3 <-							

	PHYSICAL _cons	.6404359 3.639534	.023237 .0901497	27.56 40.37	0.000 0.000	.5948923 3.462844	.6859795 3.816224
KY27PHY4 <-	PHYSICAL _cons	.7018307 4.043687	.0208688 .098905	33.63 40.88	0.000 0.000	.6609287 3.849837	.7427328 4.237537
KY27PHY5 <-	PHYSICAL _cons	.7005367 4.289075	.020857 .1042696	33.59 41.13	0.000 0.000	.6596576 4.08471	.7414157 4.49344
KY27PWB1 <-	PSYCHOLOGICAL _cons	.7425038 4.76785	.017547 .1148198	42.32 41.52	0.000 0.000	.7081124 4.542807	.7768952 4.992892
KY27PWB2 <-	PSYCHOLOGICAL _cons	.7143063 5.061932	.0188139 .1213445	37.97 41.72	0.000 0.000	.6774317 4.824101	.7511808 5.299763
KY27PWB3 <-	PSYCHOLOGICAL _cons	.7291324 5.538671	.0181594 .1319787	40.15 41.97	0.000 0.000	.6935407 5.279998	.7647241 5.797345
KY27PWB4 <-	PSYCHOLOGICAL _cons	.4735832 6.218415	.0277934 .1472359	17.04 42.23	0.000 0.000	.4191092 5.929838	.5280572 6.506992
KY27PWB5 <-	PSYCHOLOGICAL _cons	.4807617 6.577887	.0275735 .1553395	17.44 42.35	0.000 0.000	.4267187 6.273427	.5348047 6.882346
KY27PWB6 <-	PSYCHOLOGICAL _cons	.5312969 6.301413	.0259534 .149105	20.47 42.26	0.000 0.000	.4804292 6.009172	.5821647 6.593653
KY27PWB7 <-	PSYCHOLOGICAL _cons	.6173795 5.059046	.0227211 .1212804	27.17 41.71	0.000 0.000	.5728469 4.821341	.6619121 5.296752
KY27PAR1 <-	AUTONOMY _cons	.4807451 3.363107	.0284588 .0842327	16.89 39.93	0.000 0.000	.4249669 3.198014	.5365233 3.5282
KY27PAR2 <-	AUTONOMY _cons	.6750835 4.109522	.0219798 .100341	30.71 40.96	0.000 0.000	.632004 3.912857	.718163 4.306187
KY27PAR3 <-	AUTONOMY _cons	.7169163 4.065184	.0201718 .0993736	35.54 40.91	0.000 0.000	.6773802 3.870415	.7564523 4.259953
KY27PAR4 <-	AUTONOMY _cons	.6107 4.648443	.0241453 .1121795	25.29 41.44	0.000 0.000	.5633761 4.428575	.6580238 4.868311
KY27PAR5 <-	AUTONOMY _cons	.651469 4.76785	.0227181 .1148198	28.68 41.52	0.000 0.000	.6069424 4.542807	.6959956 4.992892
KY27PAR6 <-	AUTONOMY _cons	.5695153 3.527677	.0256722 .0877475	22.18 40.20	0.000 0.000	.5191988 3.355695	.6198319 3.699659
KY27PAR7 <-	AUTONOMY _cons	.5104045 4.036609	.0277494 .0987508	18.39 40.88	0.000 0.000	.4560167 3.843061	.5647923 4.230157
KY27SOC1 <-	SOCIAL _cons	.6243019 4.515678	.0239402 .1092506	26.08 41.33	0.000 0.000	.57738 4.301551	.6712238 4.729805
KY27SOC2 <-							

	SOCIAL	.7629376	.0190351	40.08	0.000	.7256295	.8002458
	_cons	5.567785	.1326301	41.98	0.000	5.307835	5.827735
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ky27SOC3 <-	SOCIAL	.7291783	.0201766	36.14	0.000	.6896329	.7687236
	_cons	4.421022	.107167	41.25	0.000	4.210979	4.631066
<hr/>							
ky27SOC4 <-	SOCIAL	.6350459	.0233929	27.15	0.000	.5891966	.6808952
	_cons	4.393691	.1065662	41.23	0.000	4.184825	4.602557
<hr/>							
ky27SCH1 <-	SCHOOL	.7789386	.0176625	44.10	0.000	.7443207	.8135565
	_cons	3.811582	.0938633	40.61	0.000	3.627613	3.995551
<hr/>							
ky27SCH2 <-	SCHOOL	.7503243	.0188672	39.77	0.000	.7133453	.7873033
	_cons	4.5688	.1104216	41.38	0.000	4.352377	4.785222
<hr/>							
ky27SCH3 <-	SCHOOL	.6181606	.0240719	25.68	0.000	.5709805	.6653406
	_cons	5.21387	.1247267	41.80	0.000	4.96941	5.45833
<hr/>							
ky27SCH4 <-	SCHOOL	.562715	.0257234	21.88	0.000	.5122981	.6131319
	_cons	4.582689	.110728	41.39	0.000	4.365667	4.799712
<hr/>							
	var (e.kY27PHY1)	.701318	.0289734			.6467694	.7604673
	var (e.kY27PHY2)	.4450675	.0286888			.3922455	.5050031
	var (e.kY27PHY3)	.5898419	.0297636			.5342983	.6511596
	var (e.kY27PHY4)	.5074336	.0292927			.4531498	.5682202
	var (e.kY27PHY5)	.5092484	.0292222			.4550772	.5698679
	var (e.kY27PWB1)	.4486881	.0260574			.400416	.5027796
	var (e.kY27PWB2)	.4897666	.0268778			.4398213	.5453835
	var (e.kY27PWB3)	.4683659	.0264812			.4192362	.523253
	var (e.kY27PWB4)	.7757189	.0263249			.7258015	.8290695
	var (e.kY27PWB5)	.7688682	.0265125			.7186217	.822628
	var (e.kY27PWB6)	.7177236	.0275779			.665657	.7738627
	var (e.kY27PWB7)	.6188426	.0280551			.5662277	.6763465
	var (e.kY27PAR1)	.7688841	.0273628			.7170816	.824429
	var (e.kY27PAR2)	.5442623	.0296764			.4890979	.6056486
	var (e.kY27PAR3)	.4860311	.028923			.432524	.5461574
	var (e.kY27PAR4)	.6270456	.029491			.5718283	.6875948
	var (e.kY27PAR5)	.5755881	.0296002			.5204007	.636628
	var (e.kY27PAR6)	.6756523	.0292414			.6207036	.7354653
	var (e.kY27PAR7)	.7394872	.0283268			.6860006	.7971442
	var (e.kY27SOC1)	.6102471	.0298918			.5543848	.6717385
	var (e.kY27SOC2)	.4179261	.0290453			.3647055	.4789132
	var (e.kY27SOC3)	.468299	.0294246			.4140376	.5296718
	var (e.kY27SOC4)	.5967167	.0297112			.5412351	.6578857
	var (e.kY27SCH1)	.3932546	.027516			.3428588	.451058
	var (e.kY27SCH2)	.4370135	.028313			.3848998	.4961831
	var (e.kY27SCH3)	.6178775	.0297606			.5622165	.6790492
	var (e.kY27SCH4)	.6833519	.0289499			.628903	.7425148
	var (PHYSICAL)	1	.			.	.
	var (PSYCHOLOGICAL)	1	.			.	.
	var (AUTONOMY)	1	.			.	.
	var (SOCIAL)	1	.			.	.
	var (SCHOOL)	1	.			.	.
<hr/>							
	cov (e.kY27PWB4, e.kY27PWB5)	.2709651	.0313604	8.64	0.000	.2094998	.3324303
	cov (e.kY27PWB4, e.kY27PWB6)	.2324874	.0322542	7.21	0.000	.1692703	.2957044
	cov (e.kY27PWB5, e.kY27PWB6)	.2409621	.0321368	7.50	0.000	.1779752	.303949
	cov (e.kY27PAR6, e.kY27PAR7)	.3917683	.0296076	13.23	0.000	.3337384	.4497981
	cov (PHYSICAL, PSYCHOLOGICAL)	.6660461	.0260638	25.55	0.000	.614962	.7171302
	cov (PHYSICAL, AUTONOMY)	.481117	.0333603	14.42	0.000	.415732	.5465019
	cov (PHYSICAL, SOCIAL)	.5067377	.032729	15.48	0.000	.44259	.5708854
	cov (PHYSICAL, SCHOOL)	.5595735	.0308489	18.14	0.000	.4991108	.6200362
	cov (PSYCHOLOGICAL, AUTONOMY)	.7197018	.0242999	29.62	0.000	.672075	.7673287
	cov (PSYCHOLOGICAL, SOCIAL)	.7405352	.0235106	31.50	0.000	.6944553	.7866152
	cov (PSYCHOLOGICAL, SCHOOL)	.7970045	.021023	37.91	0.000	.7558002	.8382088
	cov (AUTONOMY, SOCIAL)	.6349417	.0285453	22.24	0.000	.5789939	.6908895

.872 .023
.2071 .0290

cov(AUTONOMY, SCHOOL)	.6381337	.028287	22.56	0.000	.5826921	.6935753
cov(SOCIAL, SCHOOL)	.6616647	.0278346	23.77	0.000	.60711	.7162194

LR test of model vs. saturated: chi2(310) = 707.88, Prob > chi2 = 0.0000

6 . estat gof, stats(all)

Fit statistic	Value	Description
Likelihood ratio		
chi2_ms(310)	707.881	model vs. saturated
p > chi2	0.000	
chi2_bs(351)	9408.677	baseline vs. saturated
p > chi2	0.000	
Population error		
RMSEA	0.037	Root mean squared error of approximation
90% CI, lower bound	0.033	
upper bound	0.041	
pclose	1.000	Probability RMSEA <= 0.05
Information criteria		
AIC	57957.382	Akaike's information criterion
BIC	58417.538	Bayesian information criterion
Baseline comparison		
CFI	0.956	Comparative fit index
TLI	0.950	Tucker-Lewis index
Size of residuals		
SRMR	0.033	Standardized root mean squared residual
CD	0.998	Coefficient of determination

7 .