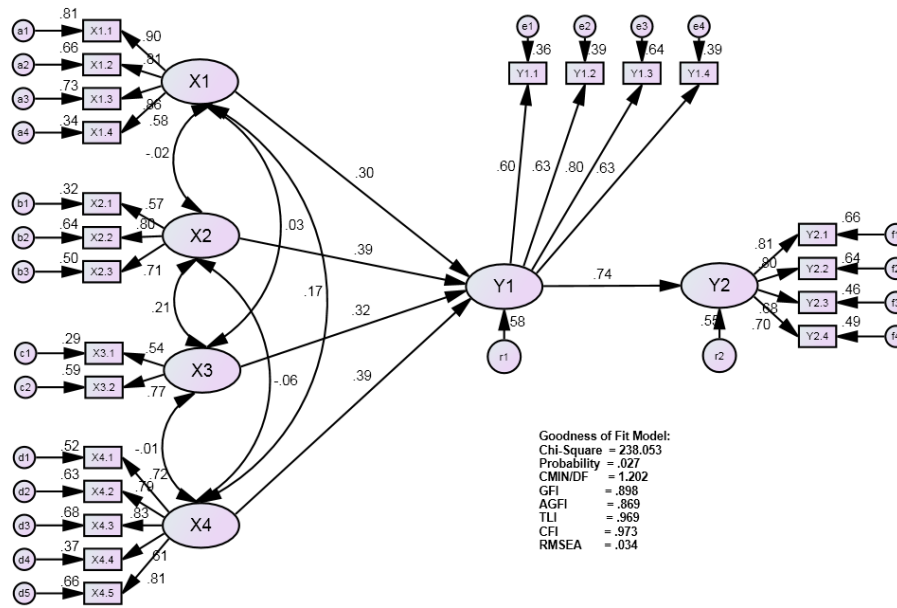


## Lampiran 9. Output Structural Equation Modelling

### STRUCTURAL EQUATION MODELLING



### Analysis Summary

### Date and Time

Date: Wednesday, May 15, 2013  
 Time: 7:04:21 AM

### Title

sem1 dennyuph: Wednesday, May 15, 2013 7:04 AM

### Notes for Group (Group number 1)

The model is recursive.  
 Sample size = 173

**Variable Summary (Group number 1)**

**Your model contains the following variables (Group number 1)**

Observed, endogenous variables

X1.4  
X1.3  
X1.2  
X1.1  
X2.3  
X2.2  
X2.1  
X3.2  
X3.1  
X4.4  
X4.3  
X4.2  
X4.1  
Y1.1  
Y1.2  
Y1.3  
Y1.4  
Y2.1  
Y2.2  
Y2.3  
Y2.4  
X4.5

Unobserved, endogenous variables

Y1  
Y2

Unobserved, exogenous variables

X1  
a4  
a3  
a2  
a1  
X2  
b3  
b2  
b1  
X3  
c2  
c1  
X4  
d4  
d3  
d2  
d1  
e1  
e2  
e3  
e4  
f1  
f2  
f3  
f4

d5  
r1  
r2

**Variable counts (Group number 1)**

Number of variables in your model: 52  
 Number of observed variables: 22  
 Number of unobserved variables: 30  
 Number of exogenous variables: 28  
 Number of endogenous variables: 24

**Parameter Summary (Group number 1)**

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	30	0	0	0	0	30
Labeled	0	0	0	0	0	0
Unlabeled	21	6	28	0	0	55
Total	51	6	28	0	0	85

**Assessment of normality (Group number 1)**

Variable	min	max	skew	c.r.	kurtosis	c.r.
X4.5	1.000	5.000	-.233	-1.249	.358	.962
Y2.4	2.000	5.000	-.038	-.206	-1.114	-2.990
Y2.3	2.000	5.000	.166	.893	-.215	-.577
Y2.2	1.000	5.000	.194	1.044	.177	.474
Y2.1	2.000	5.000	.532	1.854	-.032	-.086
Y1.4	2.000	5.000	.156	.840	-.455	-1.222
Y1.3	1.000	5.000	-.331	-1.776	-.074	-.198
Y1.2	1.000	5.000	-1.287	-1.913	1.499	1.080
Y1.1	1.000	5.000	-.487	-1.612	.428	1.150
X4.1	1.000	5.000	-.308	-1.655	.049	.130
X4.2	1.000	5.000	-.471	-2.527	.582	1.563
X4.3	1.000	5.000	-.334	-1.792	.173	.465
X4.4	1.000	5.000	-.952	-1.110	1.349	1.623
X3.1	1.000	5.000	-.276	-1.483	-.111	-.298
X3.2	1.000	5.000	-.059	-.318	-.137	-.368
X2.1	1.000	5.000	-.878	-1.714	1.583	1.934
X2.2	1.000	5.000	-.382	-1.049	.610	1.638
X2.3	1.000	5.000	-.364	-1.955	.219	.588
X1.1	2.000	5.000	-.667	-1.581	.320	.859
X1.2	2.000	5.000	-.269	-1.447	.496	1.333
X1.3	2.000	5.000	-.395	-2.120	.397	1.066
X1.4	2.000	5.000	-1.502	-1.067	1.668	1.164
Multivariate					.442	1.387

**Observations farthest from the centroid (Mahalanobis distance) (Group number 1)**

Observation number	Mahalanobis d-squared	p1	p2
106	65.086	.000	.000

Observation number	Mahalanobis d-squared	p1	p2
50	53.967	.000	.000
5	53.327	.000	.000
171	49.355	.001	.000
151	48.185	.001	.000
76	46.805	.002	.000
28	45.319	.002	.000
115	44.127	.003	.000
29	43.725	.004	.000
34	43.231	.004	.000
46	41.131	.008	.000
87	41.003	.008	.000
67	39.808	.011	.000
66	38.915	.014	.000
129	38.089	.018	.000
159	37.020	.024	.000
154	36.089	.030	.000
7	35.607	.033	.000
147	34.371	.045	.000
39	34.368	.045	.000
94	34.173	.047	.000
20	34.160	.047	.000
107	33.018	.062	.000
40	32.686	.066	.000
79	31.895	.079	.001
27	31.872	.080	.000
49	31.827	.080	.000
31	31.802	.081	.000
148	31.367	.089	.000
51	30.922	.098	.000
42	30.881	.099	.000
18	30.442	.108	.000
134	30.271	.112	.000
141	29.987	.119	.001
9	28.973	.146	.010
170	28.852	.149	.008
88	28.562	.158	.012
109	28.066	.174	.032
120	27.112	.207	.188
61	26.998	.211	.178
127	26.851	.217	.179
149	26.813	.218	.147
103	26.702	.223	.138
155	26.467	.232	.168
133	26.422	.234	.140
52	26.086	.248	.208
60	25.954	.254	.208
158	25.931	.255	.171
16	25.891	.256	.143
163	25.572	.270	.209
161	25.265	.285	.288

Observation number	Mahalanobis d-squared	p1	p2
44	25.235	.286	.247
38	25.136	.291	.238
97	24.570	.318	.465
108	24.463	.323	.461
117	24.110	.341	.597
4	23.961	.349	.618
25	23.799	.358	.646
22	23.708	.363	.636
136	23.619	.368	.626
41	23.407	.379	.683
122	23.316	.384	.675
58	23.293	.385	.630
138	23.198	.391	.625
130	22.937	.405	.711
55	22.769	.415	.744
14	22.749	.416	.703
10	22.170	.450	.898
47	22.023	.459	.911
57	21.936	.464	.909
54	21.936	.464	.881
142	21.903	.466	.859
43	21.866	.468	.837
24	21.700	.478	.863
131	21.699	.478	.827
69	21.571	.486	.840
17	21.388	.497	.872
160	21.233	.506	.891
19	20.899	.527	.948
137	20.530	.550	.981
13	20.281	.565	.990
123	20.196	.571	.990
144	20.169	.572	.987
135	20.117	.576	.985
157	20.075	.578	.981
96	19.954	.586	.983
63	19.817	.595	.986
6	19.750	.599	.985
53	19.636	.606	.986
92	19.455	.617	.991
80	19.387	.621	.990
45	19.180	.634	.994
56	19.097	.639	.994
146	19.055	.642	.993
145	18.642	.667	.999
8	18.566	.672	.999
125	18.451	.679	.999
153	18.434	.680	.998

Sample Moments (Group number 1)  
 Sample Covariances (Group number 1)

	X4.5	Y2.4	Y2.3	Y2.2	Y2.1	Y1.4	Y1.3	Y1.2	Y1.1	X4.1	X4.2	X4.3	X4.4	X3.1	X3.2	X2.1	X2.2	X2.3	X1.1	X1.2	X1.3	X1.4	
X4.5	.629																						
Y2.4	.150	.970																					
Y2.3	.187	.351	.512																				
Y2.2	.109	.410	.274	.550																			
Y2.1	.145	.455	.317	.394	.659																		
Y1.4	.137	.292	.233	.255	.225	.516																	
Y1.3	.205	.289	.221	.267	.293	.262	.667																
Y1.2	.120	.176	.155	.161	.176	.177	.297	.439															
Y1.1	.055	.182	.132	.170	.216	.212	.342	.217	.602														
X4.1	.391	.127	.167	.153	.183	.137	.248	.120	.039	.726													
X4.2	.396	.157	.090	.124	.122	.077	.179	.100	.080	.416	.644												
X4.3	.445	.100	.140	.098	.186	.118	.196	.113	.101	.394	.450	.692											
X4.4	.367	.062	.111	.112	.056	.059	.157	.057	-.003	.338	.301	.383	.780										
X3.1	.003	.076	.056	.068	.094	.126	.091	.147	.062	.010	-.026	-.035	.000	.669									
X3.2	.019	.114	.067	.170	.150	.141	.198	.074	.098	.011	-.025	-.010	.001	.305	.801								
X2.1	-.040	.135	.056	.061	.074	.052	.083	.077	.063	.004	-.007	-.020	-.016	-.010	.027	.463							
X2.2	-.029	.202	.150	.238	.196	.156	.132	.100	.134	.031	-.031	-.028	-.082	.004	.162	.245	.650						
X2.3	-.014	.214	.108	.207	.193	.126	.119	.077	.085	-.001	-.055	.017	-.023	.015	.062	.221	.345	.576					
X1.1	.102	.123	.040	.074	.084	.076	.171	.058	.100	.040	.089	.044	.076	.050	-.006	.011	-.030	.009	.493				
X1.2	.069	.085	.028	.081	.085	.072	.156	.043	.095	.040	.064	.036	.045	.041	.016	.002	-.001	.047	.279	.299			
X1.3	.065	.101	.037	.072	.073	.086	.146	.060	.090	.053	.077	.044	.028	.043	-.015	-.003	-.027	.014	.307	.216	.324		
X1.4	-.010	.068	.020	.059	.045	.046	.090	.021	.063	-.039	.021	-.033	.037	.009	-.020	-.004	-.041	-.020	.201	.132	.145	.281	

Condition number = 41.467

Eigenvalues

3.422 1.952 1.097 .990 .741 .639 .471 .467 .409 .371 .346 .299 .281 .254 .237 .188 .175 .165 .146 .117 .109 .108

Determinant of sample covariance matrix = .32173

**Sample Correlations (Group number 1)**

	X4.5	Y2.4	Y2.3	Y2.2	Y2.1	Y1.4	Y1.3	Y1.2	Y1.1	X4.1	X4.2	X4.3	X4.4	X3.1	X3.2	X2.1	X2.2	X2.3	X1.1	X1.2	X1.3	X1.4	
X4.5	1.000																						
Y2.4	.192	1.000																					
Y2.3	.329	.498	1.000																				
Y2.2	.185	.562	.517	1.000																			
Y2.1	.225	.570	.546	.656	1.000																		
Y1.4	.240	.413	.454	.479	.387	1.000																	
Y1.3	.316	.359	.379	.440	.442	.446	1.000																
Y1.2	.229	.270	.326	.328	.328	.372	.549	1.000															
Y1.1	.089	.238	.238	.296	.343	.381	.539	.423	1.000														
X4.1	.579	.151	.275	.242	.265	.224	.356	.214	.059	1.000													
X4.2	.622	.198	.157	.209	.187	.133	.273	.188	.128	.609	1.000												
X4.3	.675	.121	.235	.160	.276	.198	.289	.205	.157	.555	.674	1.000											
X4.4	.524	.072	.176	.171	.078	.094	.218	.098	-.004	.450	.425	.521	1.000										
X3.1	.005	.094	.096	.112	.142	.214	.136	.271	.098	.015	-.040	-.052	.000	1.000									
X3.2	.027	.130	.105	.256	.206	.219	.271	.124	.141	.015	-.035	-.014	.001	.417	1.000								
X2.1	-.074	.202	.116	.121	.135	.106	.149	.171	.120	.006	-.013	-.035	-.027	-.018	.045	1.000							
X2.2	-.045	.254	.260	.398	.300	.269	.201	.187	.214	.045	-.049	-.042	-.115	.006	.224	.447	1.000						
X2.3	-.023	.287	.200	.367	.313	.230	.193	.154	.144	-.002	-.091	.027	-.035	.025	.091	.428	.563	1.000					
X1.1	.182	.178	.080	.142	.148	.152	.299	.124	.183	.066	.157	.076	.123	.086	-.009	.023	-.053	.017	1.000				
X1.2	.160	.159	.070	.199	.192	.184	.350	.119	.224	.086	.146	.079	.093	.092	.033	.006	-.002	.113	.727	1.000			
X1.3	.145	.180	.090	.171	.158	.210	.313	.160	.204	.110	.168	.092	.055	.093	-.030	-.007	-.059	.033	.768	.695	1.000		
X1.4	-.024	.131	.053	.149	.104	.120	.209	.060	.154	-.087	.049	-.076	.078	.020	-.043	-.012	-.097	-.050	.540	.454	.482	1.000	

Condition number = 30.495

Eigenvalues

5.563 2.935 2.662 1.498 1.176 1.076 .765 .719 .662 .601 .560 .538 .483 .457 .412 .376 .306 .305 .272 .248 .204 .182

**Notes for Model (Default model)**

**Computation of degrees of freedom (Default model)**

Number of distinct sample moments: 253  
 Number of distinct parameters to be estimated: 55  
 Degrees of freedom (253 - 55): 198

**Result (Default model)**

Minimum was achieved  
 Chi-square = 238.053  
 Degrees of freedom = 198  
 Probability level = .027

**Estimates (Group number 1 - Default model)**

**Scalar Estimates (Group number 1 - Default model)**

**Maximum Likelihood Estimates**

**Regression Weights: (Group number 1 - Default model)**

	Estimate	S.E.	C.R.	P	Label
Y1 <--- X1	.455	.129	3.523	***	
Y1 <--- X2	.339	.084	4.041	***	
Y1 <--- X3	.218	.084	2.579	.010	
Y1 <--- X4	.342	.081	4.215	***	
Y2 <--- Y1	1.043	.162	6.450	***	
X1.4 <--- X1	1.000				
X1.3 <--- X1	1.578	.195	8.080	***	
X1.2 <--- X1	1.435	.183	7.841	***	
X1.1 <--- X1	2.043	.248	8.246	***	
X2.3 <--- X2	1.000				
X2.2 <--- X2	1.199	.173	6.940	***	
X2.1 <--- X2	.714	.116	6.138	***	
X3.2 <--- X3	1.000				
X3.1 <--- X3	.645	.211	3.054	.002	
X4.4 <--- X4	1.000				
X4.3 <--- X4	1.283	.157	8.195	***	
X4.2 <--- X4	1.185	.148	7.984	***	
X4.1 <--- X4	1.142	.153	7.483	***	
Y1.1 <--- Y1	1.000				
Y1.2 <--- Y1	.890	.138	6.459	***	
Y1.3 <--- Y1	1.408	.186	7.552	***	
Y1.4 <--- Y1	.965	.149	6.459	***	
Y2.1 <--- Y2	1.000				
Y2.2 <--- Y2	.903	.084	10.738	***	
Y2.3 <--- Y2	.734	.082	8.903	***	
Y2.4 <--- Y2	1.052	.113	9.322	***	
X4.5 <--- X4	1.198	.148	8.098	***	



**Standardized Regression Weights: (Group number 1 - Default model)**

	Estimate
Y1 <--- X1	.301
Y1 <--- X2	.393
Y1 <--- X3	.321
Y1 <--- X4	.394
Y2 <--- Y1	.738
X1.4<--- X1	.582
X1.3<--- X1	.855
X1.2<--- X1	.809
X1.1<--- X1	.898
X2.3<--- X2	.710
X2.2<--- X2	.802
X2.1<--- X2	.566
X3.2<--- X3	.768
X3.1<--- X3	.542
X4.4<--- X4	.608
X4.3<--- X4	.827
X4.2<--- X4	.792
X4.1<--- X4	.719
Y1.1<--- Y1	.600
Y1.2<--- Y1	.626
Y1.3<--- Y1	.802
Y1.4<--- Y1	.626
Y2.1<--- Y2	.811
Y2.2<--- Y2	.801
Y2.3<--- Y2	.675
Y2.4<--- Y2	.703
X4.5<--- X4	.811

**Covariances: (Group number 1 - Default model)**

	Estimate	S.E.	C.R.	P	Label
X1 <--> X2	-.003	.015	-.186	.853	
X2 <--> X3	.078	.042	1.878	.060	
X3 <--> X4	-.005	.037	-.136	.892	
X2 <--> X4	-.016	.027	-.607	.544	
X1 <--> X3	.006	.021	.305	.760	
X1 <--> X4	.028	.015	1.866	.062	

**Correlations: (Group number 1 - Default model)**

	Estimate
X1 <--> X2	-.017
X2 <--> X3	.210
X3 <--> X4	-.014
X2 <--> X4	-.057
X1 <--> X3	.030
X1 <--> X4	.168

**Variances: (Group number 1 - Default model)**

	Estimate	S.E.	C.R.	P	Label
X1	.095	.024	4.008	***	
X2	.291	.065	4.488	***	
X3	.473	.168	2.809	.005	
X4	.288	.069	4.180	***	
r1	.092	.027	3.397	***	
r2	.197	.042	4.741	***	
a4	.185	.021	8.761	***	
a3	.087	.014	6.257	***	
a2	.103	.014	7.257	***	
a1	.095	.020	4.842	***	
b3	.286	.047	6.046	***	
b2	.232	.056	4.135	***	
b1	.315	.040	7.952	***	
c2	.328	.153	2.146	.032	
c1	.472	.080	5.894	***	
d4	.492	.057	8.557	***	
d3	.218	.033	6.548	***	
d2	.240	.033	7.161	***	
d1	.350	.044	7.949	***	
e1	.385	.046	8.293	***	
e2	.267	.033	8.150	***	
e3	.238	.039	6.089	***	
e4	.314	.039	8.150	***	
f1	.226	.036	6.338	***	
f2	.197	.030	6.525	***	
f3	.279	.035	8.017	***	
f4	.491	.063	7.802	***	
d5	.215	.031	6.864	***	

**Squared Multiple Correlations: (Group number 1 - Default model)**

	Estimate
Y1	.578
Y2	.545
X4.5	.657
Y2.4	.494
Y2.3	.456
Y2.2	.642
Y2.1	.657
Y1.4	.391
Y1.3	.644
Y1.2	.391
Y1.1	.360
X4.1	.517
X4.2	.628
X4.3	.685
X4.4	.369
X3.1	.294
X3.2	.590
X2.1	.320
X2.2	.643
X2.3	.504
X1.1	.806
X1.2	.655
X1.3	.731
X1.4	.339

**Matrices (Group number 1 - Default model)**

**Total Effects (Group number 1 - Default model)**

	X4	X3	X2	X1	Y1	Y2
Y1	.342	.218	.339	.455	.000	.000
Y2	.357	.227	.354	.474	1.043	.000
X4.5	1.198	.000	.000	.000	.000	.000
Y2.4	.375	.239	.372	.499	1.098	1.052
Y2.3	.262	.167	.260	.348	.766	.734
Y2.2	.322	.205	.320	.428	.942	.903
Y2.1	.357	.227	.354	.474	1.043	1.000
Y1.4	.330	.210	.327	.439	.965	.000
Y1.3	.482	.306	.478	.640	1.408	.000
Y1.2	.304	.194	.302	.405	.890	.000
Y1.1	.342	.218	.339	.455	1.000	.000
X4.1	1.142	.000	.000	.000	.000	.000
X4.2	1.185	.000	.000	.000	.000	.000
X4.3	1.283	.000	.000	.000	.000	.000
X4.4	1.000	.000	.000	.000	.000	.000
X3.1	.000	.645	.000	.000	.000	.000
X3.2	.000	1.000	.000	.000	.000	.000
X2.1	.000	.000	.714	.000	.000	.000
X2.2	.000	.000	1.199	.000	.000	.000
X2.3	.000	.000	1.000	.000	.000	.000
X1.1	.000	.000	.000	2.043	.000	.000
X1.2	.000	.000	.000	1.435	.000	.000
X1.3	.000	.000	.000	1.578	.000	.000
X1.4	.000	.000	.000	1.000	.000	.000

**Standardized Total Effects (Group number 1 - Default model)**

	X4	X3	X2	X1	Y1	Y2
Y1	.394	.321	.393	.301	.000	.000
Y2	.291	.237	.290	.222	.738	.000
X4.5	.811	.000	.000	.000	.000	.000
Y2.4	.205	.167	.204	.156	.519	.703
Y2.3	.197	.160	.196	.150	.499	.675
Y2.2	.233	.190	.232	.178	.592	.801
Y2.1	.236	.192	.235	.180	.599	.811
Y1.4	.247	.201	.246	.188	.626	.000
Y1.3	.316	.258	.315	.242	.802	.000
Y1.2	.247	.201	.246	.188	.626	.000
Y1.1	.237	.193	.236	.181	.600	.000
X4.1	.719	.000	.000	.000	.000	.000
X4.2	.792	.000	.000	.000	.000	.000
X4.3	.827	.000	.000	.000	.000	.000
X4.4	.608	.000	.000	.000	.000	.000
X3.1	.000	.542	.000	.000	.000	.000
X3.2	.000	.768	.000	.000	.000	.000
X2.1	.000	.000	.566	.000	.000	.000
X2.2	.000	.000	.802	.000	.000	.000
X2.3	.000	.000	.710	.000	.000	.000
X1.1	.000	.000	.000	.898	.000	.000
X1.2	.000	.000	.000	.809	.000	.000
X1.3	.000	.000	.000	.855	.000	.000
X1.4	.000	.000	.000	.582	.000	.000

**Direct Effects (Group number 1 - Default model)**

	X4	X3	X2	X1	Y1	Y2
Y1	.342	.218	.339	.455	.000	.000
Y2	.000	.000	.000	.000	1.043	.000
X4.5	1.198	.000	.000	.000	.000	.000
Y2.4	.000	.000	.000	.000	.000	1.052
Y2.3	.000	.000	.000	.000	.000	.734
Y2.2	.000	.000	.000	.000	.000	.903
Y2.1	.000	.000	.000	.000	.000	1.000
Y1.4	.000	.000	.000	.000	.965	.000
Y1.3	.000	.000	.000	.000	1.408	.000
Y1.2	.000	.000	.000	.000	.890	.000
Y1.1	.000	.000	.000	.000	1.000	.000
X4.1	1.142	.000	.000	.000	.000	.000
X4.2	1.185	.000	.000	.000	.000	.000
X4.3	1.283	.000	.000	.000	.000	.000
X4.4	1.000	.000	.000	.000	.000	.000
X3.1	.000	.645	.000	.000	.000	.000
X3.2	.000	1.000	.000	.000	.000	.000
X2.1	.000	.000	.714	.000	.000	.000
X2.2	.000	.000	1.199	.000	.000	.000
X2.3	.000	.000	1.000	.000	.000	.000
X1.1	.000	.000	.000	2.043	.000	.000
X1.2	.000	.000	.000	1.435	.000	.000
X1.3	.000	.000	.000	1.578	.000	.000
X1.4	.000	.000	.000	1.000	.000	.000

**Standardized Direct Effects (Group number 1 - Default model)**

	X4	X3	X2	X1	Y1	Y2
Y1	.394	.321	.393	.301	.000	.000
Y2	.000	.000	.000	.000	.738	.000
X4.5	.811	.000	.000	.000	.000	.000
Y2.4	.000	.000	.000	.000	.000	.703
Y2.3	.000	.000	.000	.000	.000	.675
Y2.2	.000	.000	.000	.000	.000	.801
Y2.1	.000	.000	.000	.000	.000	.811
Y1.4	.000	.000	.000	.000	.626	.000
Y1.3	.000	.000	.000	.000	.802	.000
Y1.2	.000	.000	.000	.000	.626	.000
Y1.1	.000	.000	.000	.000	.600	.000
X4.1	.719	.000	.000	.000	.000	.000
X4.2	.792	.000	.000	.000	.000	.000
X4.3	.827	.000	.000	.000	.000	.000
X4.4	.608	.000	.000	.000	.000	.000
X3.1	.000	.542	.000	.000	.000	.000
X3.2	.000	.768	.000	.000	.000	.000
X2.1	.000	.000	.566	.000	.000	.000
X2.2	.000	.000	.802	.000	.000	.000
X2.3	.000	.000	.710	.000	.000	.000
X1.1	.000	.000	.000	.898	.000	.000
X1.2	.000	.000	.000	.809	.000	.000
X1.3	.000	.000	.000	.855	.000	.000
X1.4	.000	.000	.000	.582	.000	.000

**Indirect Effects (Group number 1 - Default model)**

	X4	X3	X2	X1	Y1	Y2
Y1	.000	.000	.000	.000	.000	.000
Y2	.357	.227	.354	.474	.000	.000
X4.5	.000	.000	.000	.000	.000	.000
Y2.4	.375	.239	.372	.499	1.098	.000
Y2.3	.262	.167	.260	.348	.766	.000
Y2.2	.322	.205	.320	.428	.942	.000
Y2.1	.357	.227	.354	.474	1.043	.000
Y1.4	.330	.210	.327	.439	.000	.000
Y1.3	.482	.306	.478	.640	.000	.000
Y1.2	.304	.194	.302	.405	.000	.000
Y1.1	.342	.218	.339	.455	.000	.000
X4.1	.000	.000	.000	.000	.000	.000
X4.2	.000	.000	.000	.000	.000	.000
X4.3	.000	.000	.000	.000	.000	.000
X4.4	.000	.000	.000	.000	.000	.000
X3.1	.000	.000	.000	.000	.000	.000
X3.2	.000	.000	.000	.000	.000	.000
X2.1	.000	.000	.000	.000	.000	.000
X2.2	.000	.000	.000	.000	.000	.000
X2.3	.000	.000	.000	.000	.000	.000
X1.1	.000	.000	.000	.000	.000	.000
X1.2	.000	.000	.000	.000	.000	.000
X1.3	.000	.000	.000	.000	.000	.000
X1.4	.000	.000	.000	.000	.000	.000



**Standardized Indirect Effects (Group number 1 - Default model)**

	X4	X3	X2	X1	Y1	Y2
Y1	.000	.000	.000	.000	.000	.000
Y2	.291	.237	.290	.222	.000	.000
X4.5	.000	.000	.000	.000	.000	.000
Y2.4	.205	.167	.204	.156	.519	.000
Y2.3	.197	.160	.196	.150	.499	.000
Y2.2	.233	.190	.232	.178	.592	.000
Y2.1	.236	.192	.235	.180	.599	.000
Y1.4	.247	.201	.246	.188	.000	.000
Y1.3	.316	.258	.315	.242	.000	.000
Y1.2	.247	.201	.246	.188	.000	.000
Y1.1	.237	.193	.236	.181	.000	.000
X4.1	.000	.000	.000	.000	.000	.000
X4.2	.000	.000	.000	.000	.000	.000
X4.3	.000	.000	.000	.000	.000	.000
X4.4	.000	.000	.000	.000	.000	.000
X3.1	.000	.000	.000	.000	.000	.000
X3.2	.000	.000	.000	.000	.000	.000
X2.1	.000	.000	.000	.000	.000	.000
X2.2	.000	.000	.000	.000	.000	.000
X2.3	.000	.000	.000	.000	.000	.000
X1.1	.000	.000	.000	.000	.000	.000
X1.2	.000	.000	.000	.000	.000	.000
X1.3	.000	.000	.000	.000	.000	.000
X1.4	.000	.000	.000	.000	.000	.000

## Lampiran 10. Model Fit Summary

### CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	55	238.053	198	.027	1.202
Saturated model	253	.000	0		
Independence model	22	1727.572	231	.000	7.479

### RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	.032	.898	.869	.702
Saturated model	.000	1.000		
Independence model	.152	.399	.342	.365

### Baseline Comparisons

Model	NFI Delta1	RFI rho1	IFI Delta2	TLI rho2	CFI
Default model	.862	.839	.974	.969	.973
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

### Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	.857	.739	.834
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

### NCP

Model	NCP	LO 90	HI 90
Default model	40.053	5.326	82.993
Saturated model	.000	.000	.000
Independence model	1496.572	1368.166	1632.418

### FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	1.384	.233	.031	.483
Saturated model	.000	.000	.000	.000
Independence model	10.044	8.701	7.954	9.491

**RMSEA**

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.034	.013	.049	.957
Independence model	.194	.186	.203	.000

**AIC**

Model	AIC	BCC	BIC	CAIC
Default model	348.053	365.032	521.484	576.484
Saturated model	506.000	584.107	1303.783	1556.783
Independence model	1771.572	1778.364	1840.944	1862.944

**ECVI**

Model	ECVI	LO 90	HI 90	MECVI
Default model	2.024	1.822	2.273	2.122
Saturated model	2.942	2.942	2.942	3.396
Independence model	10.300	9.553	11.090	10.339

**HOELTER**

Model	HOELTER	HOELTER
	.05	.01
Default model	168	179
Independence model	27	29