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LAMPIRAN

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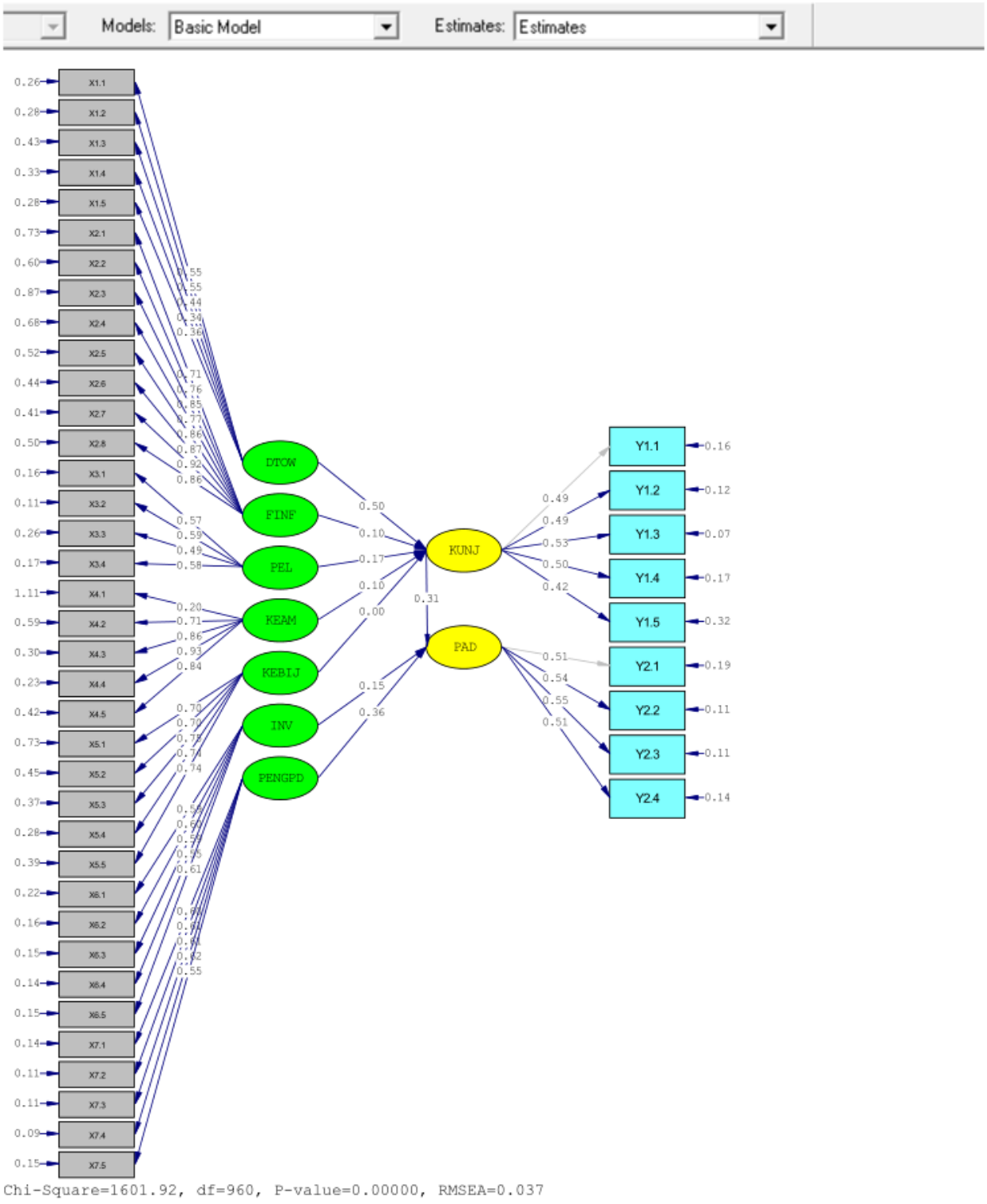

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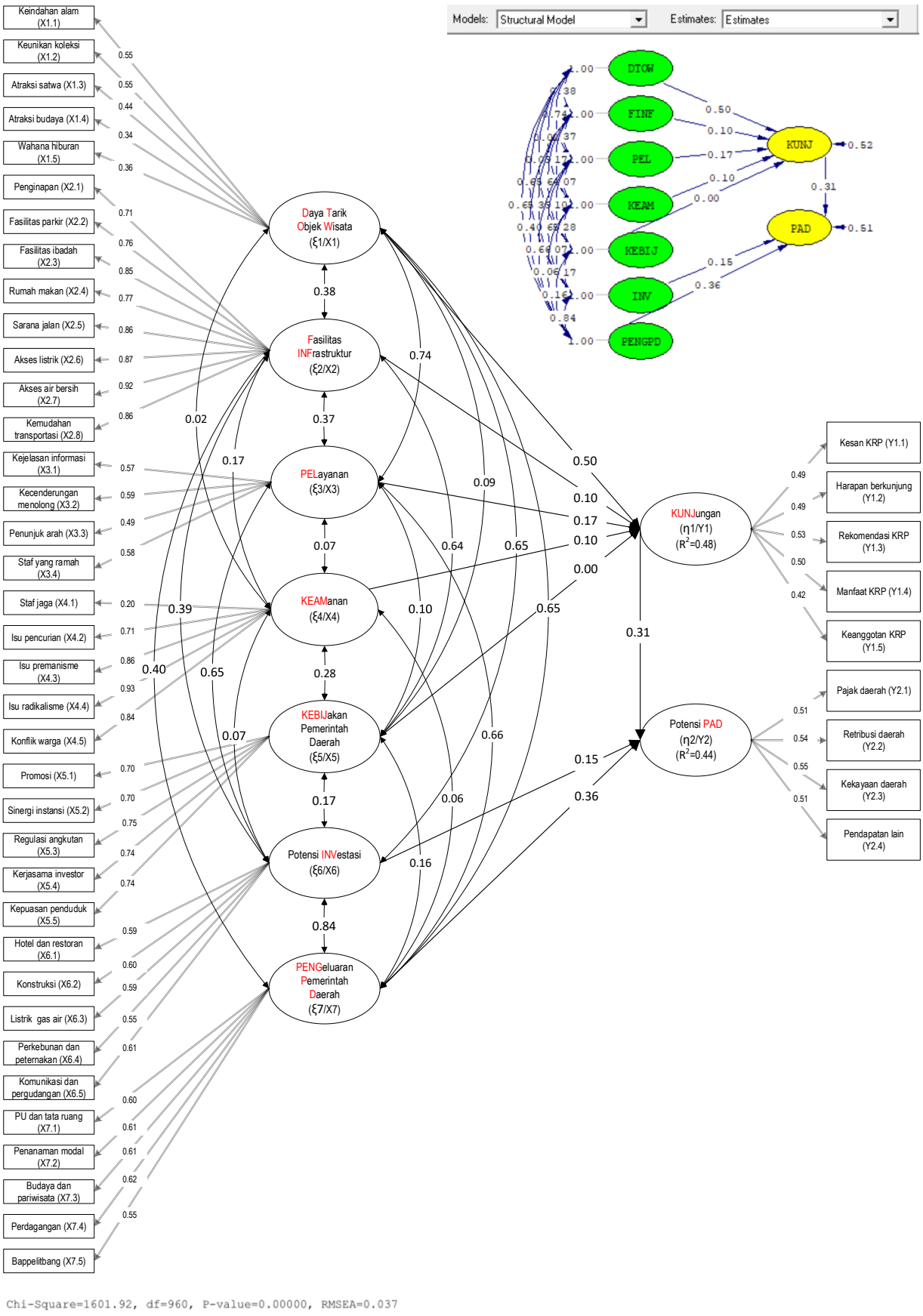

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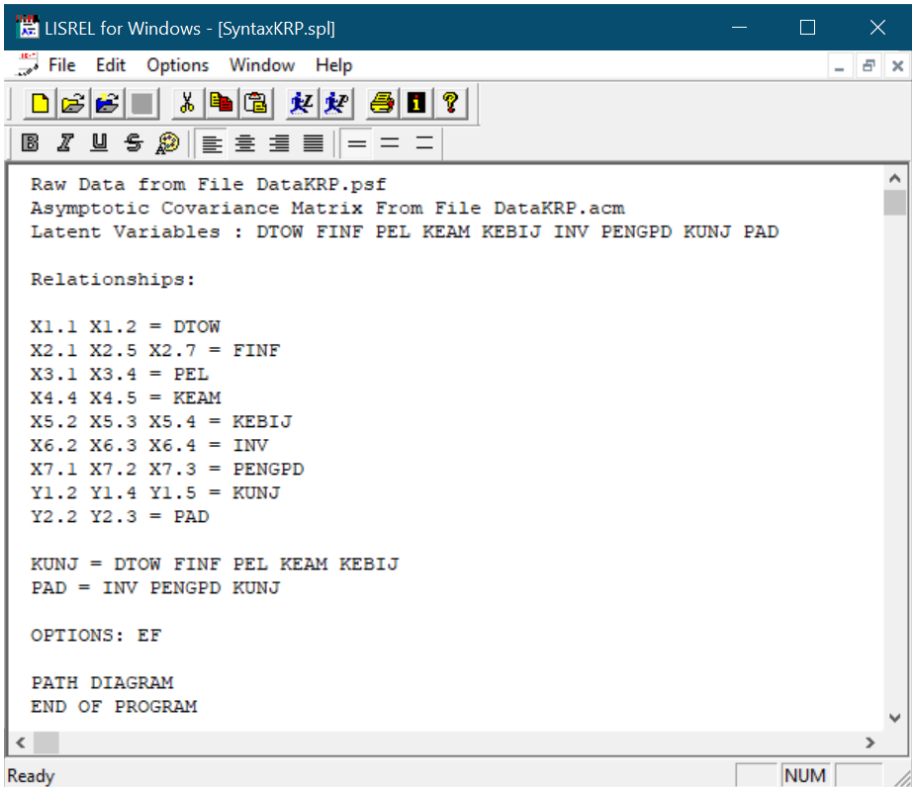

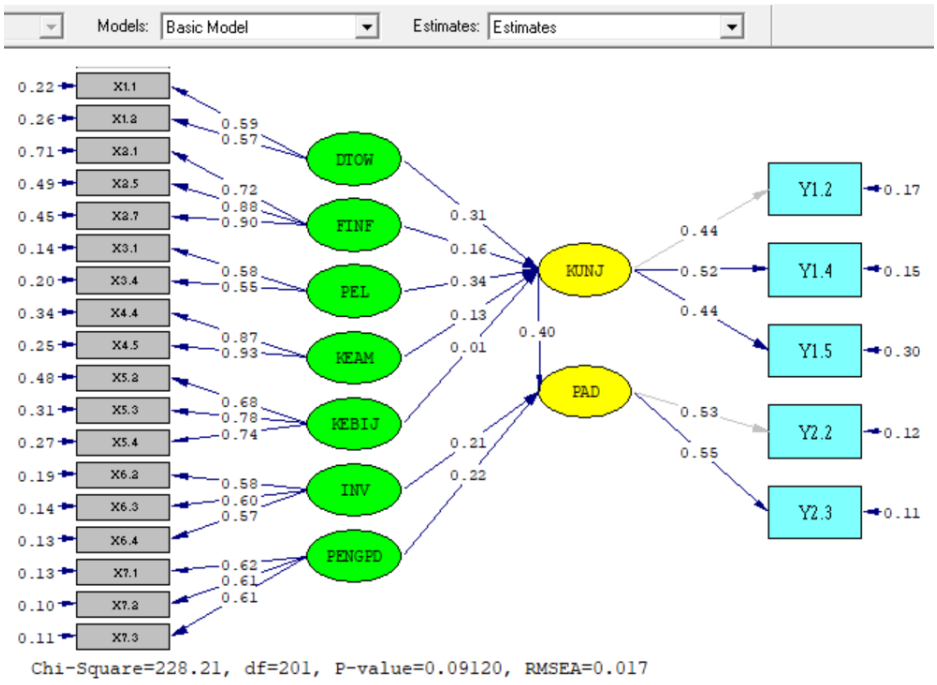

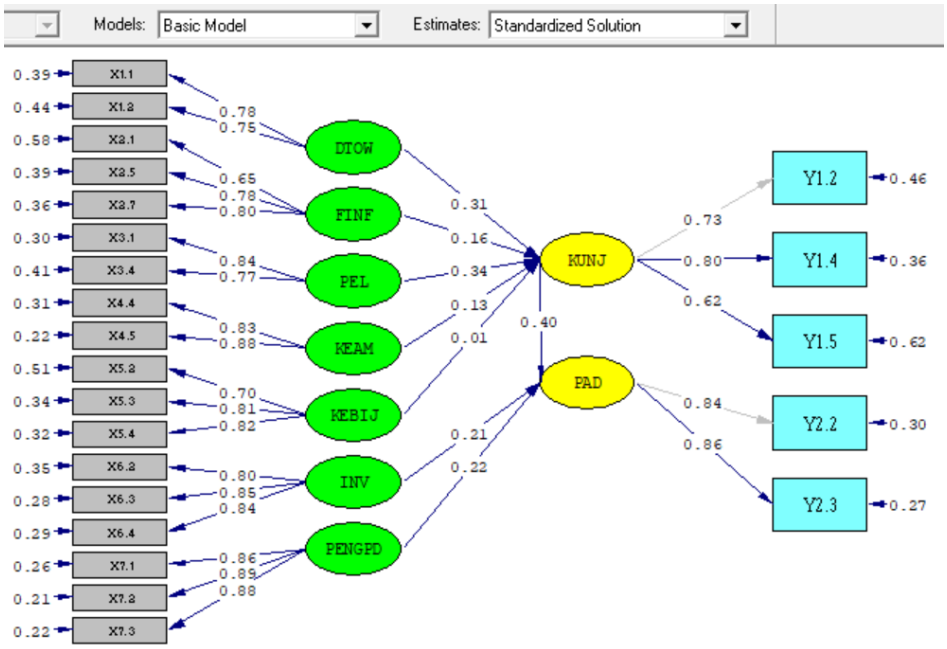
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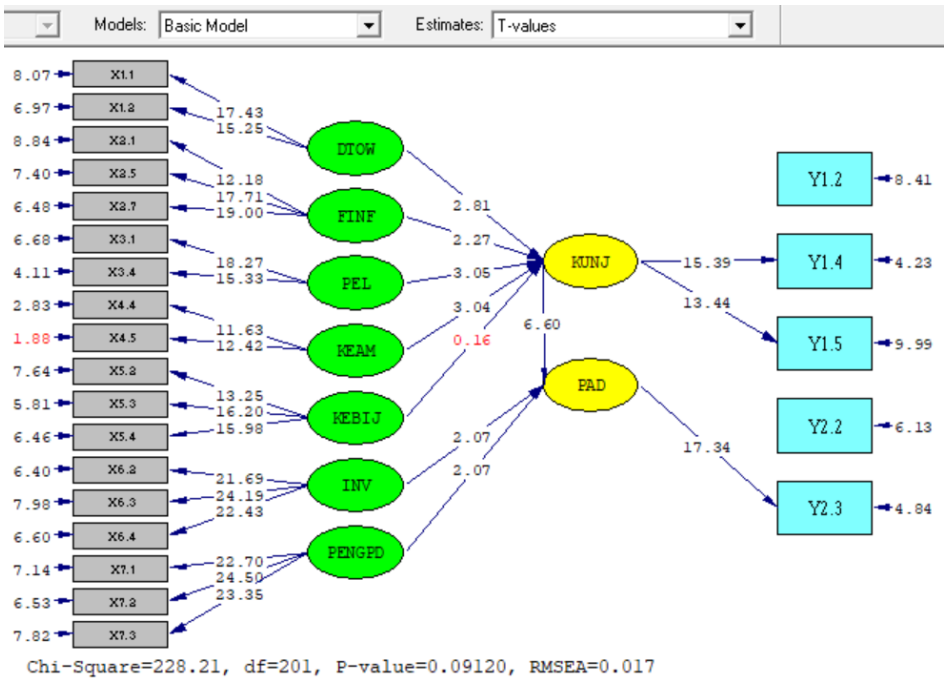
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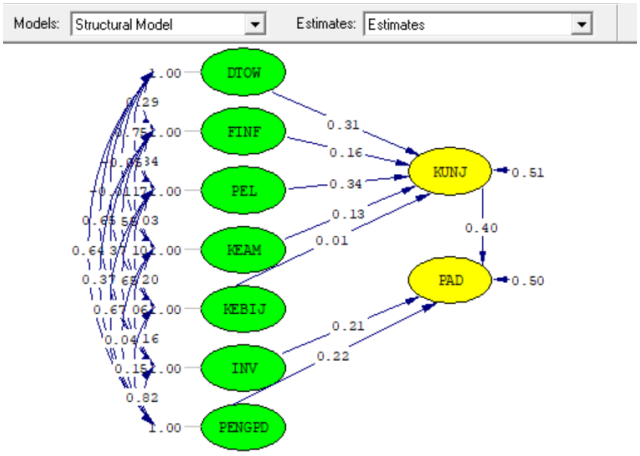

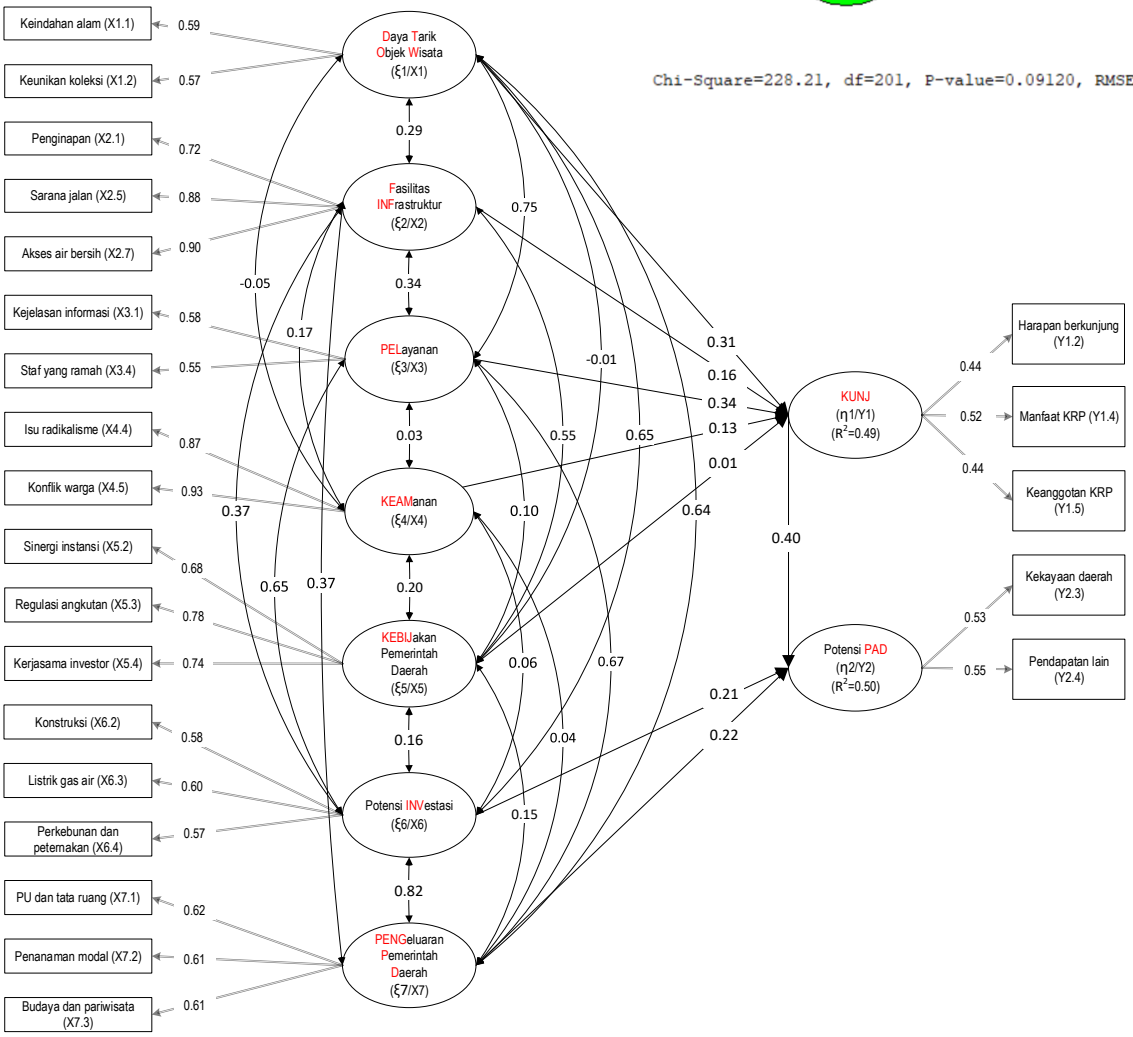

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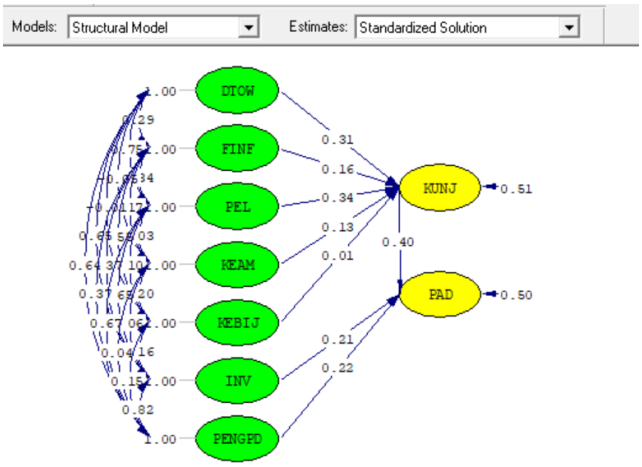

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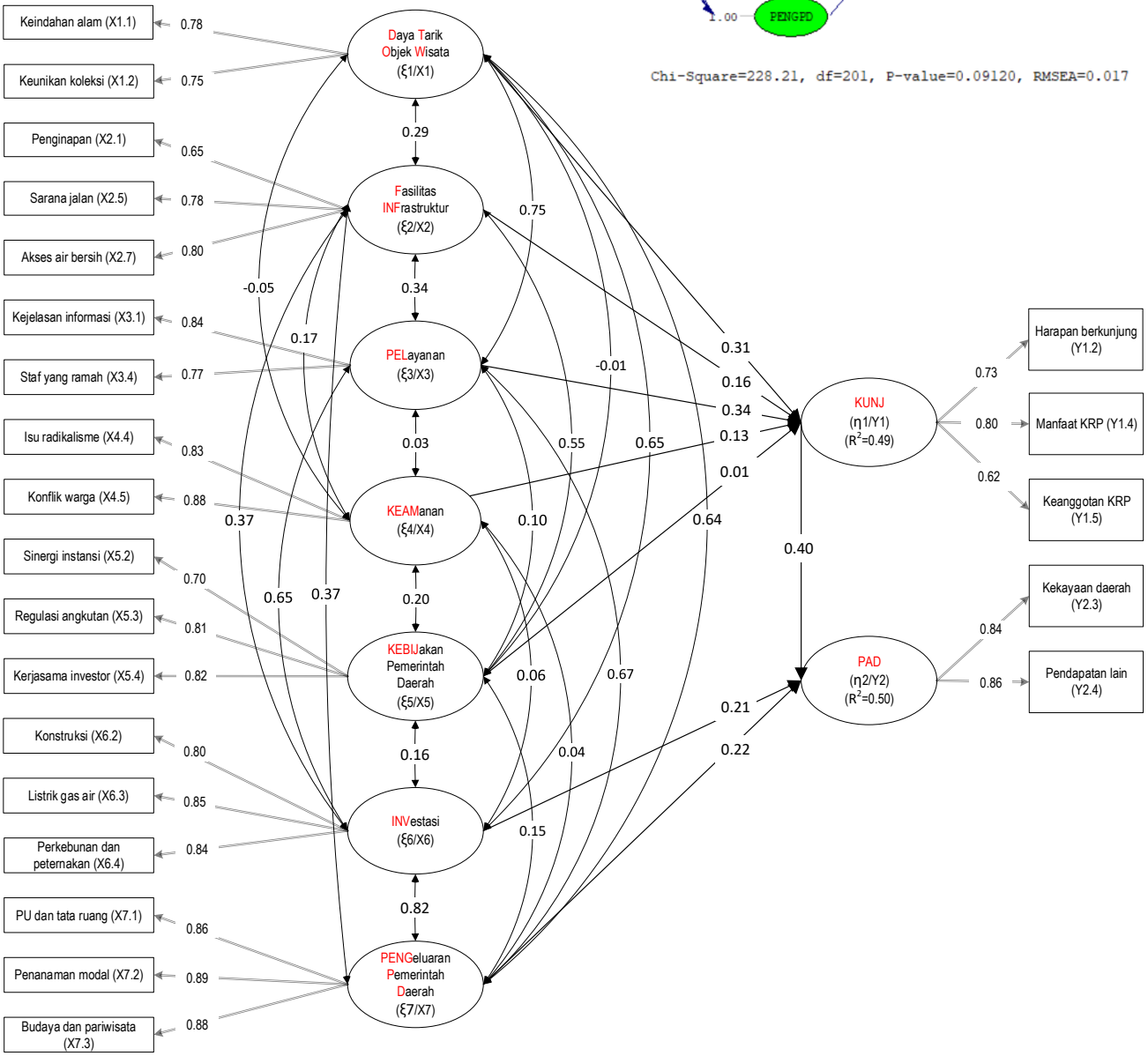

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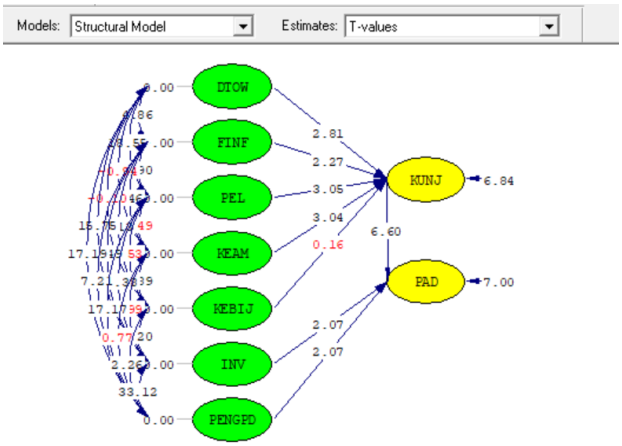

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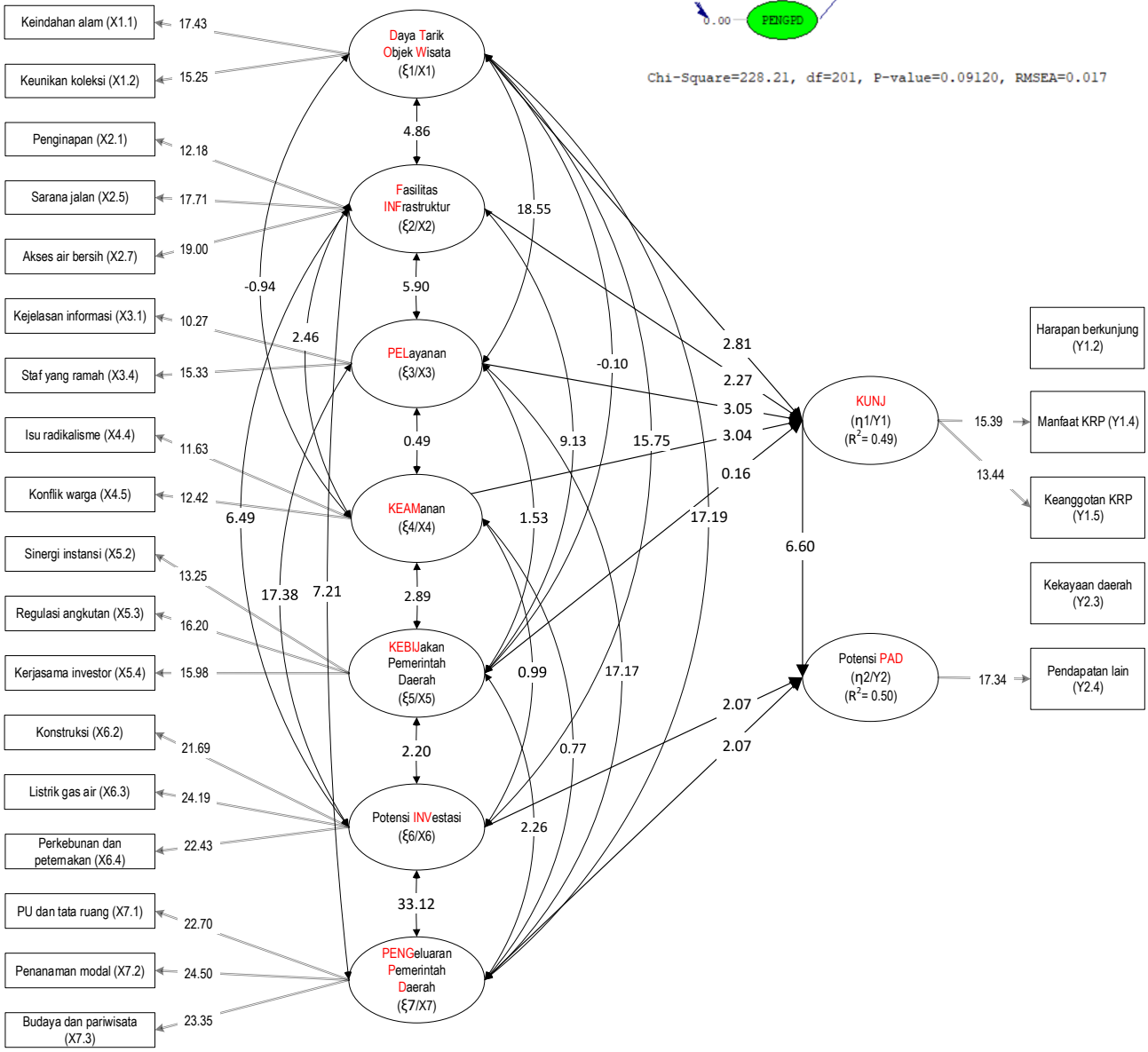

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The following lines were read from file **D:\Tesis\DataKRP.PR2:**

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SY='D:$$Tesis$$DataKRP.PSF'
OU MA=CM SM=DataKRP.cov AC=DataKRP.acm XT XM
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Univariate Summary Statistics for Continuous Variables

Variable	Mean	St. Dev.	T-Value	Skewness	Kurtosis	Minimum	Freq.	Maximum	Freq.
X1.1	3.877	0.748	115.559	-0.725	0.699	2.000	32	5.000	80
X1.2	3.913	0.761	114.638	-0.763	0.732	2.000	33	5.000	91
X1.3	4.014	0.789	113.395	-0.964	1.327	1.000	2	5.000	122
X1.4	4.181	0.666	140.053	-1.005	2.954	1.000	2	5.000	146
X1.5	4.233	0.643	146.829	-0.715	1.419	2.000	10	5.000	164
X2.1	2.781	1.108	55.941	1.174	-0.133	2.000	289	5.000	82
X2.2	2.682	1.081	55.305	1.331	0.259	1.000	1	5.000	71
X2.3	2.887	1.259	51.143	0.932	-0.935	2.000	306	5.000	118
X2.4	2.757	1.128	54.461	1.191	-0.181	2.000	308	5.000	83
X2.5	2.744	1.126	54.351	1.145	-0.226	1.000	3	5.000	77
X2.6	2.676	1.095	54.477	1.390	0.347	2.000	326	5.000	78
X2.7	2.803	1.120	55.768	1.111	-0.298	2.000	287	5.000	83
X2.8	2.831	1.111	56.826	0.994	-0.487	1.000	1	5.000	75
X3.1	3.950	0.695	126.651	-0.547	0.677	2.000	17	5.000	91
X3.2	3.994	0.679	131.046	-0.496	0.650	2.000	13	5.000	100
X3.3	3.855	0.706	121.650	-0.510	0.480	2.000	21	5.000	72
X3.4	3.944	0.708	124.229	-0.639	1.212	1.000	2	5.000	92
X4.1	2.763	1.074	57.351	1.170	-0.027	1.000	1	5.000	71
X4.2	3.052	1.046	65.057	-0.126	-0.567	1.000	38	5.000	36
X4.3	3.123	1.021	68.154	-0.282	-0.523	1.000	34	5.000	31
X4.4	3.155	1.048	67.094	-0.513	-0.464	1.000	45	5.000	26
X4.5	3.175	1.060	66.749	-0.537	-0.508	1.000	45	5.000	27
X5.1	2.887	1.103	58.345	0.668	-0.760	1.000	12	5.000	61
X5.2	2.801	0.973	64.193	1.081	0.128	2.000	243	5.000	51
X5.3	2.793	0.961	64.816	1.014	0.079	1.000	2	5.000	45
X5.4	2.777	0.905	68.402	1.242	0.908	2.000	223	5.000	48
X5.5	2.730	0.963	63.216	1.296	0.679	2.000	261	5.000	54
X6.1	3.598	0.753	106.458	-0.008	-0.202	1.000	1	5.000	53
X6.2	3.636	0.726	111.720	-0.147	0.149	1.000	2	5.000	49
X6.3	3.757	0.706	118.545	-0.063	-0.294	2.000	13	5.000	65
X6.4	3.755	0.672	124.537	-0.144	-0.079	2.000	12	5.000	54
X6.5	3.654	0.719	113.281	-0.126	-0.205	2.000	23	5.000	49
X7.1	3.767	0.714	117.591	-0.326	0.067	2.000	21	5.000	61
X7.2	3.740	0.692	120.502	-0.008	-0.319	2.000	11	5.000	60
X7.3	3.783	0.693	121.604	-0.227	-0.011	2.000	15	5.000	62
X7.4	3.726	0.691	120.234	-0.095	-0.189	2.000	14	5.000	55

X7.5	3.789	0.673	125.458	-0.039	-0.268	2.000	8	5.000	63
Y1.1	4.155	0.630	146.951	-0.424	0.974	1.000	1	5.000	138
Y1.2	4.310	0.606	158.493	-0.438	0.248	2.000	3	5.000	189
Y1.3	4.308	0.596	161.267	-0.230	-0.617	3.000	35	5.000	188
Y1.4	4.161	0.649	142.861	-0.437	0.692	1.000	1	5.000	146
Y1.5	4.076	0.703	129.281	-0.492	0.301	2.000	11	5.000	132
Y2.1	3.928	0.668	131.057	-0.283	0.187	2.000	9	5.000	85
Y2.2	3.974	0.639	138.594	-0.163	0.013	2.000	4	5.000	91
Y2.3	3.922	0.644	135.676	-0.153	0.000	2.000	5	5.000	80
Y2.4	3.899	0.640	135.894	-0.141	0.007	2.000	5	5.000	74

Test of Univariate Normality for Continuous Variables

		Skewness		Kurtosis	Skewness and Kurtosis	
Variable	**Z-Score**	**P-Value**	**Z-Score**	**P-Value**	**Chi-Square**	**P-Value**
X1.1	-6.038	0.000	2.567	0.010	43.050	0.000
X1.2	-6.298	0.000	2.657	0.008	46.730	0.000
X1.3	-7.588	0.000	3.992	0.000	73.516	0.000
X1.4	-7.831	0.000	6.249	0.000	100.371	0.000
X1.5	-5.968	0.000	4.163	0.000	52.955	0.000
X2.1	8.780	0.000	-0.557	0.578	77.395	0.000
X2.2	9.585	0.000	1.175	0.240	93.256	0.000
X2.3	7.396	0.000	-8.557	0.000	127.921	0.000
X2.4	8.873	0.000	-0.819	0.413	79.401	0.000
X2.5	8.627	0.000	-1.075	0.283	75.582	0.000
X2.6	9.871	0.000	1.491	0.136	99.664	0.000
X2.7	8.440	0.000	-1.517	0.129	73.535	0.000
X2.8	7.767	0.000	-2.884	0.004	68.647	0.000
X3.1	-4.731	0.000	2.508	0.012	28.670	0.000
X3.2	-4.334	0.000	2.432	0.015	24.700	0.000
X3.3	-4.447	0.000	1.930	0.054	23.501	0.000
X3.4	-5.425	0.000	3.767	0.000	43.622	0.000
X4.1	8.763	0.000	-0.027	0.979	76.789	0.000
X4.2	-1.156	0.248	-3.581	0.000	14.156	0.001
X4.3	-2.549	0.011	-3.192	0.001	16.690	0.000
X4.4	-4.472	0.000	-2.704	0.007	27.309	0.000
X4.5	-4.659	0.000	-3.060	0.002	31.068	0.000
X5.1	5.631	0.000	-5.713	0.000	64.344	0.000
X5.2	8.270	0.000	0.663	0.508	68.832	0.000
X5.3	7.886	0.000	0.457	0.648	62.396	0.000
X5.4	9.138	0.000	3.098	0.002	93.103	0.000
X5.5	9.414	0.000	2.513	0.012	94.933	0.000
X6.1	-0.076	0.939	-0.936	0.349	0.882	0.643
X6.2	-1.347	0.178	0.751	0.453	2.379	0.304
X6.3	-0.582	0.560	-1.494	0.135	2.572	0.276
X6.4	-1.323	0.186	-0.277	0.782	1.826	0.401
X6.5	-1.154	0.248	-0.957	0.339	2.248	0.325
X7.1	-2.927	0.003	0.406	0.685	8.733	0.013
X7.2	-0.077	0.939	-1.654	0.098	2.740	0.254
X7.3	-2.065	0.039	0.051	0.959	4.267	0.118
X7.4	-0.870	0.384	-0.865	0.387	1.506	0.471
X7.5	-0.356	0.722	-1.330	0.184	1.894	0.388
Y1.1	-3.752	0.000	3.253	0.001	24.664	0.000
Y1.2	-3.870	0.000	1.137	0.256	16.267	0.000
Y1.3	-2.088	0.037	-4.066	0.000	20.888	0.000
Y1.4	-3.857	0.000	2.548	0.011	21.370	0.000
Y1.5	-4.303	0.000	1.331	0.183	20.289	0.000
Y2.1	-2.559	0.011	0.902	0.367	7.360	0.025
Y2.2	-1.495	0.135	0.162	0.872	2.262	0.323
Y2.3	-1.405	0.160	0.105	0.917	1.984	0.371
Y2.4	-1.292	0.196	0.137	0.891	1.688	0.430

Histograms for Continuous Variables

variable: **X1.1**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
32	6.4	2.000	□□□
0	0.0	2.300	□
0	0.0	2.600	□
77	15.5	2.900	□□□□□□□□□
0	0.0	3.200	□
0	0.0	3.500	□
308	62.0	3.800	□□□□□□□□□

variable: **X2.1**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
289	58.1	2.000	□□□□

variable: **X2.6**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
326	65.6	2.000	□□□□

variable: **X3.3**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
21	4.2	2.000	□□
0	0.0	2.300	□
0	0.0	2.600	□
102	20.5	2.900	□□□□□□□□□□□□
0	0.0	3.200	□
0	0.0	3.500	□
302	60.8	3.800	□□
0	0.0	4.100	□
0	0.0	4.400	□
72	14.5	4.700	□□□□□□□□□

variable: **X3.4**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
2	0.4	1.000	□
0	0.0	1.400	□
13	2.6	1.800	□
0	0.0	2.200	□
88	17.7	2.600	□□□□□□□□□□□
0	0.0	3.000	□
0	0.0	3.400	□
302	60.8	3.800	□□
0	0.0	4.200	□
92	18.5	4.600	□□□□□□□□□□□

variable: **X4.1**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
1	0.2	1.000	□
0	0.0	1.400	□
285	57.3	1.800	□□
0	0.0	2.200	□
0	0.0	2.600	□
113	22.7	3.000	□□□□□□□□□□□□□□□□
0	0.0	3.400	□
27	5.4	3.800	□□□
0	0.0	4.200	□
71	14.3	4.600	□□□□□□□□□

variable: **X4.2**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
38	7.6	1.000	□□□□□□□□
0	0.0	1.400	□
109	21.9	1.800	□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	2.200	□
175	35.2	2.600	□□
0	0.0	3.000	□
0	0.0	3.400	□
139	28.0	3.800	□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	4.200	□
36	7.2	4.600	□□□□□□□□

variable: **X4.3**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
34	6.8	1.000	□□□□□□□
0	0.0	1.400	□
99	19.9	1.800	□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	2.200	□
0	0.0	2.600	□
167	33.6	3.000	□□
0	0.0	3.400	□
166	33.4	3.800	□□
0	0.0	4.200	□
31	6.2	4.600	□□□□□□□□

variable: **X4.4**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
45	9.1	1.000	□□□□□□□□
0	0.0	1.400	□
79	15.9	1.800	□□□□□□□□□□□□□□□□
0	0.0	2.200	□
0	0.0	2.600	□
153	30.8	3.000	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.400	□
194	39.0	3.800	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	4.200	□
26	5.2	4.600	□□□□□

variable: **X4.5**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
45	9.1	1.000	□□□□□□□□
0	0.0	1.400	□
81	16.3	1.800	□□□□□□□□□□□□□□□□
0	0.0	2.200	□
140	28.2	2.600	□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.000	□
0	0.0	3.400	□
204	41.0	3.800	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	4.200	□
27	5.4	4.600	□□□□□

variable: **X5.1**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
12	2.4	1.000	□
0	0.0	1.400	□
236	47.5	1.800	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	2.200	□
0	0.0	2.600	□
106	21.3	3.000	□□□□□□□□□□□□□□□□□□□
0	0.0	3.400	□
82	16.5	3.800	□□□□□□□□□□□□□□□
0	0.0	4.200	□
61	12.3	4.600	□□□□□□□□□

variable: **X5.2**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
243	48.9	2.000	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	2.300	□
0	0.0	2.600	□
161	32.4	2.900	
0	0.0	3.200	□
0	0.0	3.500	□
42	8.5	3.800	□□□□□□□
0	0.0	4.100	□
0	0.0	4.400	□
51	10.3	4.700	□□□□□□□□

variable: **X5.3**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
2	0.4	1.000	□
0	0.0	1.400	□
240	48.3	1.800	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	2.200	□
159	32.0	2.600	
0	0.0	3.000	□
0	0.0	3.400	□
51	10.3	3.800	□□□□□□□□
0	0.0	4.200	□
45	9.1	4.600	□□□□□□□□

variable: **X5.4**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
223	44.9	2.000	□□□□

variable: **X6.4**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
12	2.4	2.000	□
0	0.0	2.300	□
0	0.0	2.600	□
152	30.6	2.900	□□□□□□□□□□□□□□□□□□□□
0	0.0	3.200	□
0	0.0	3.500	□
279	56.1	3.800	□□□□□□□□□□□□□□□□□□□□

variable: **X7.4**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT
14	2.8	2.000
0	0.0	2.300
0	0.0	2.600
163	32.8	2.900
0	0.0	3.200
0	0.0	3.500
265	53.3	3.800
0	0.0	4.100
0	0.0	4.400
55	11.1	4.700

variable: **X7.5**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT
8	1.6	2.000
0	0.0	2.300
0	0.0	2.600
152	30.6	2.900
0	0.0	3.200
0	0.0	3.500
274	55.1	3.800
0	0.0	4.100
0	0.0	4.400
63	12.7	4.700

variable: **Y1.1**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT
1	0.2	1.000
0	0.0	1.400
2	0.4	1.800
0	0.0	2.200
0	0.0	2.600
54	10.9	3.000
0	0.0	3.400
302	60.8	3.800
0	0.0	4.200
138	27.8	4.600

variable: **Y1.2**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT
3	0.6	2.000
0	0.0	2.300
0	0.0	2.600
29	5.8	2.900
0	0.0	3.200
0	0.0	3.500
276	55.5	3.800
0	0.0	4.100
0	0.0	4.400
189	38.0	4.700

variable: **Y1.3**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT
35	7.0	3.000
0	0.0	3.200
0	0.0	3.400
0	0.0	3.600
274	55.1	3.800
0	0.0	4.000
0	0.0	4.200
0	0.0	4.400
0	0.0	4.600
188	37.8	4.800

variable: **Y1.4**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
1	0.2	1.000	□
0	0.0	1.400	□
2	0.4	1.800	□
0	0.0	2.200	□
59	11.9	2.600	□□□□□□□
0	0.0	3.000	□
0	0.0	3.400	□
289	58.1	3.800	□□□□□□□

variable: **Y2.4**

FREQUENCY	PERCENTAGE	LOWER CLASS LIMIT	
5	1.0	2.000	□
0	0.0	2.300	□
0	0.0	2.600	□
114	22.9	2.900	□□□□□□□□□□□□□□□
0	0.0	3.200	□
0	0.0	3.500	□
304	61.2	3.800	□□□□□□□□□□□□□□□

Covariance Matrix (continued)

	X2.2	X2.3	X2.4	X2.5	X2.6	X2.7
X2.2	1.169					
X2.3	0.783	1.584				
X2.4	0.574	0.755	1.273			
X2.5	0.654	0.665	0.678	1.267		
X2.6	0.633	0.703	0.647	0.766	1.199	
X2.7	0.623	0.726	0.702	0.796	0.878	1.255
X2.8	0.630	0.687	0.636	0.753	0.715	0.846
X3.1	0.188	0.260	0.177	0.158	0.246	0.200
X3.2	0.147	0.274	0.146	0.142	0.222	0.206
X3.3	0.196	0.292	0.134	0.124	0.223	0.195
X3.4	0.139	0.223	0.123	0.147	0.203	0.166
X4.1	0.513	0.572	0.517	0.522	0.496	0.544
X4.2	0.101	0.068	0.202	0.112	0.116	0.174
X4.3	-0.017	0.050	0.115	0.122	0.127	0.153
X4.4	0.037	0.074	0.094	0.082	0.115	0.146
X4.5	0.009	0.064	0.113	0.129	0.115	0.186
X5.1	0.343	0.320	0.352	0.479	0.437	0.437
X5.2	0.410	0.407	0.407	0.405	0.409	0.378
X5.3	0.309	0.281	0.308	0.405	0.362	0.330
X5.4	0.348	0.293	0.361	0.370	0.393	0.345
X5.5	0.463	0.429	0.462	0.483	0.457	0.463
X6.1	0.164	0.209	0.188	0.141	0.194	0.179
X6.2	0.201	0.227	0.163	0.141	0.202	0.192
X6.3	0.211	0.263	0.203	0.196	0.276	0.224
X6.4	0.182	0.196	0.200	0.177	0.239	0.226
X6.5	0.188	0.249	0.139	0.163	0.234	0.214
X7.1	0.194	0.276	0.197	0.188	0.265	0.230
X7.2	0.183	0.251	0.189	0.159	0.258	0.217
X7.3	0.177	0.276	0.173	0.170	0.224	0.199
X7.4	0.207	0.267	0.187	0.190	0.246	0.226
X7.5	0.179	0.232	0.184	0.186	0.234	0.220
Y1.1	0.188	0.203	0.165	0.124	0.163	0.162
Y1.2	0.159	0.208	0.138	0.124	0.175	0.154
Y1.3	0.161	0.218	0.140	0.125	0.173	0.152
Y1.4	0.160	0.226	0.144	0.150	0.197	0.189
Y1.5	0.172	0.255	0.226	0.149	0.164	0.176
Y2.1	0.179	0.201	0.148	0.153	0.164	0.185
Y2.2	0.175	0.201	0.147	0.114	0.159	0.140
Y2.3	0.195	0.253	0.205	0.149	0.202	0.150
Y2.4	0.190	0.233	0.153	0.136	0.167	0.154

Covariance Matrix (continued)

	X2.8	X3.1	X3.2	X3.3	X3.4	X4.1
X2.8	1.233					
X3.1	0.133	0.483				
X3.2	0.138	0.338	0.462			
X3.3	0.137	0.277	0.281	0.499		
X3.4	0.140	0.320	0.359	0.270	0.501	
X4.1	0.607	0.123	0.134	0.179	0.162	1.153
X4.2	0.150	0.077	0.063	0.046	0.041	0.186
X4.3	0.154	0.073	0.053	0.024	0.059	0.120
X4.4	0.161	0.028	0.005	0.031	0.001	0.164
X4.5	0.159	0.031	0.017	0.009	-0.010	0.189
X5.1	0.453	0.053	0.013	0.018	0.004	0.479
X5.2	0.476	0.077	0.045	0.066	0.009	0.493
X5.3	0.461	0.026	-0.005	-0.022	-0.002	0.422
X5.4	0.392	0.086	0.053	0.068	0.030	0.411
X5.5	0.513	0.097	0.071	0.114	0.045	0.559
X6.1	0.111	0.238	0.211	0.250	0.213	0.098
X6.2	0.188	0.228	0.230	0.235	0.223	0.151
X6.3	0.187	0.222	0.226	0.235	0.214	0.140
X6.4	0.146	0.205	0.198	0.212	0.196	0.139
X6.5	0.149	0.208	0.222	0.244	0.204	0.131
X7.1	0.164	0.240	0.236	0.232	0.237	0.126

X7.2	0.170	0.229	0.230	0.218	0.221	0.150
X7.3	0.171	0.227	0.229	0.235	0.216	0.122
X7.4	0.175	0.236	0.238	0.245	0.218	0.118
X7.5	0.156	0.231	0.218	0.183	0.210	0.135
Y1.1	0.111	0.203	0.172	0.160	0.166	0.126
Y1.2	0.081	0.171	0.161	0.144	0.159	0.150
Y1.3	0.125	0.179	0.167	0.145	0.159	0.128
Y1.4	0.134	0.182	0.184	0.185	0.178	0.157
Y1.5	0.136	0.147	0.146	0.134	0.127	0.131
Y2.1	0.135	0.139	0.153	0.153	0.129	0.158
Y2.2	0.108	0.164	0.161	0.133	0.148	0.151
Y2.3	0.160	0.194	0.167	0.158	0.147	0.171
Y2.4	0.138	0.178	0.169	0.153	0.152	0.121

Covariance Matrix (continued)

	X4.2	**X4.3**	**X4.4**	**X4.5**	**X5.1**	**X5.2**
X4.2	1.094					
X4.3	0.693	1.043				
X4.4	0.615	0.799	1.099			
X4.5	0.571	0.682	0.814	1.125		
X5.1	0.228	0.171	0.203	0.211	1.217	
X5.2	0.236	0.184	0.214	0.178	0.554	0.946
X5.3	0.182	0.146	0.155	0.149	0.515	0.513
X5.4	0.201	0.144	0.109	0.086	0.475	0.502
X5.5	0.190	0.174	0.211	0.176	0.482	0.489
X6.1	0.049	0.019	-0.032	0.006	0.055	0.091
X6.2	0.045	0.053	0.030	0.034	0.066	0.077
X6.3	0.085	0.080	0.046	0.057	0.075	0.099
X6.4	0.059	0.052	0.004	0.027	0.059	0.100
X6.5	0.030	0.028	0.011	0.024	0.054	0.090
X7.1	0.042	0.065	0.052	0.043	0.060	0.076
X7.2	0.050	0.056	0.022	0.019	0.076	0.099
X7.3	0.044	0.053	0.012	0.010	0.098	0.108
X7.4	0.053	0.042	-0.004	0.000	0.076	0.084
X7.5	0.043	0.042	0.003	0.013	0.107	0.081
Y1.1	0.040	0.074	0.071	0.078	0.046	0.061
Y1.2	0.056	0.071	0.085	0.081	0.021	0.056
Y1.3	0.016	0.051	0.065	0.049	0.021	0.059
Y1.4	0.016	0.051	0.072	0.058	0.052	0.054
Y1.5	0.054	0.045	0.061	0.045	0.111	0.142
Y2.1	-0.008	0.027	0.027	0.037	0.079	0.078
Y2.2	0.001	0.009	0.008	0.015	0.094	0.088
Y2.3	-0.004	0.012	0.016	0.020	0.096	0.107
Y2.4	0.027	0.049	0.044	0.030	0.095	0.091

Covariance Matrix (continued)

	X5.3	**X5.4**	**X5.5**	**X6.1**	**X6.2**	**X6.3**
X5.3	0.923					
X5.4	0.593	0.819				
X5.5	0.523	0.561	0.927			
X6.1	-0.001	0.083	0.133	0.568		
X6.2	0.001	0.039	0.093	0.402	0.526	
X6.3	0.044	0.077	0.120	0.341	0.345	0.499
X6.4	0.054	0.116	0.107	0.300	0.326	0.345
X6.5	0.007	0.056	0.082	0.340	0.358	0.355
X7.1	0.014	0.053	0.086	0.307	0.300	0.306
X7.2	0.041	0.087	0.103	0.317	0.306	0.298
X7.3	0.050	0.099	0.107	0.322	0.306	0.288
X7.4	0.000	0.080	0.063	0.309	0.305	0.302
X7.5	0.009	0.074	0.076	0.272	0.284	0.263
Y1.1	0.012	0.071	0.098	0.167	0.165	0.173
Y1.2	0.014	0.061	0.062	0.129	0.121	0.144
Y1.3	0.020	0.067	0.079	0.142	0.130	0.146
Y1.4	0.001	0.050	0.086	0.142	0.143	0.174
Y1.5	0.058	0.114	0.113	0.144	0.137	0.162

Y2.1	0.039	0.066	0.073	0.156	0.173	0.168
Y2.2	0.065	0.107	0.086	0.181	0.186	0.173
Y2.3	0.074	0.105	0.092	0.192	0.199	0.197
Y2.4	0.032	0.068	0.064	0.199	0.207	0.171

Covariance Matrix (continued)

	X6.4	**X6.5**	**X7.1**	**X7.2**	**X7.3**	**X7.4**
X6.4	0.452					
X6.5	0.348	0.517				
X7.1	0.287	0.332	0.510			
X7.2	0.283	0.331	0.375	0.479		
X7.3	0.279	0.316	0.377	0.377	0.481	
X7.4	0.273	0.314	0.367	0.370	0.384	0.477
X7.5	0.257	0.296	0.324	0.334	0.327	0.359
Y1.1	0.167	0.153	0.208	0.167	0.179	0.190
Y1.2	0.131	0.130	0.167	0.145	0.142	0.141
Y1.3	0.140	0.127	0.177	0.149	0.154	0.147
Y1.4	0.159	0.171	0.199	0.167	0.178	0.179
Y1.5	0.148	0.127	0.179	0.163	0.162	0.180
Y2.1	0.178	0.191	0.181	0.179	0.192	0.204
Y2.2	0.187	0.180	0.187	0.201	0.204	0.205
Y2.3	0.196	0.215	0.199	0.215	0.207	0.226
Y2.4	0.167	0.203	0.210	0.208	0.212	0.237

Covariance Matrix (continued)

	X7.5	**Y1.1**	**Y1.2**	**Y1.3**	**Y1.4**	**Y1.5**
X7.5	0.453					
Y1.1	0.178	0.397				
Y1.2	0.140	0.256	0.368			
Y1.3	0.134	0.255	0.269	0.355		
Y1.4	0.167	0.233	0.232	0.275	0.422	
Y1.5	0.143	0.208	0.192	0.222	0.220	0.494
Y2.1	0.196	0.164	0.121	0.159	0.201	0.201
Y2.2	0.186	0.159	0.127	0.159	0.190	0.194
Y2.3	0.219	0.157	0.131	0.141	0.176	0.181
Y2.4	0.239	0.157	0.128	0.132	0.176	0.185

Covariance Matrix (continued)

	Y2.1	**Y2.2**	**Y2.3**	**Y2.4**
Y2.1	0.446			
Y2.2	0.315	0.409		
Y2.3	0.260	0.296	0.415	
Y2.4	0.243	0.266	0.309	0.409

Means

X1.1	**X1.2**	**X1.3**	**X1.4**	**X1.5**	**X2.1**
3.877	3.913	4.014	4.181	4.233	2.781

Means (continued)

X2.2	**X2.3**	**X2.4**	**X2.5**	**X2.6**	**X2.7**
2.682	2.887	2.757	2.744	2.676	2.803

Means (continued)

X2.8	**X3.1**	**X3.2**	**X3.3**	**X3.4**	**X4.1**
2.831	3.950	3.994	3.855	3.944	2.763

Means (continued)

X4.2	X4.3	X4.4	X4.5	X5.1	X5.2
3.052	3.123	3.155	3.175	2.887	2.801

Means (continued)

X5.3	X5.4	X5.5	X6.1	X6.2	X6.3
2.793	2.777	2.730	3.598	3.636	3.757

Means (continued)

X6.4	X6.5	X7.1	X7.2	X7.3	X7.4
3.755	3.654	3.767	3.740	3.783	3.726

Means (continued)

X7.5	Y1.1	Y1.2	Y1.3	Y1.4	Y1.5
3.789	4.155	4.310	4.308	4.161	4.076

Means (continued)

Y2.1	Y2.2	Y2.3	Y2.4
3.928	3.974	3.922	3.899

Standard Deviations

X1.1	X1.2	X1.3	X1.4	X1.5	X2.1
0.748	0.761	0.789	0.666	0.643	1.108

Standard Deviations (continued)

X2.2	X2.3	X2.4	X2.5	X2.6	X2.7
1.081	1.259	1.128	1.126	1.095	1.120

Standard Deviations (continued)

X2.8	X3.1	X3.2	X3.3	X3.4	X4.1
1.111	0.695	0.679	0.706	0.708	1.074

Standard Deviations (continued)

X4.2	X4.3	X4.4	X4.5	X5.1	X5.2
1.046	1.021	1.048	1.060	1.103	0.973

Standard Deviations (continued)

X5.3	X5.4	X5.5	X6.1	X6.2	X6.3
0.961	0.905	0.963	0.753	0.726	0.706

Standard Deviations (continued)

X6.4	X6.5	X7.1	X7.2	X7.3	X7.4

0.672	0.719	0.714	0.692	0.693	0.691

Standard Deviations (continued)

X7.5	Y1.1	Y1.2	Y1.3	Y1.4	Y1.5
0.673	0.630	0.606	0.596	0.649	0.703

Standard Deviations (continued)

Y2.1	Y2.2	Y2.3	Y2.4
0.668	0.639	0.644	0.640

The Problem used 4845264 Bytes (= 0.2% of available workspace)

The following lines were printed from file **D:\Tesis\SyntaxKRP.out:**

DATE: 5/25/2021

TIME: 12:43

L I S R E L 8.80

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The following lines were read from file **D:\Tesis\SyntaxKRP.spl:**

```
 Asymptotic Covariance Matrix From File DataKRP.acm
 Latent Variables : DTOW FINF PEL KEAM KEBIJ INV PENGPD KUNJ PAD

 Relationships:

 X1.1 X1.2 = DTOW
 X2.1 X2.5 X2.7 = FINF
 X3.1 X3.4 = PEL
 X4.4 X4.5 = KEAM
 X5.2 X5.3 X5.4 = KEBIJ
 X6.2 X6.3 X6.4 = INV
 X7.1 X7.2 X7.3 = PENGPD
 Y1.2 Y1.4 Y1.5 = KUNJ
 Y2.2 Y2.3 = PAD
 KUNJ = DTOW FINF PEL KEAM KEBIJ
 PAD = INV PENGPD KUNJ

 PATH DIAGRAM
 END OF PROGRAM

 OPTIONS: EF

 Sample Size =   497
```

Covariance Matrix output Lisrel

	Y1.2	Y1.4	Y1.5	Y2.2	Y2.3	X1.1
Y1.2	0.37					
Y1.4	0.23	0.42				
Y1.5	0.19	0.22	0.49			
Y2.2	0.13	0.19	0.19	0.41		
Y2.3	0.13	0.18	0.18	0.30	0.42	
X1.1	0.17	0.18	0.14	0.15	0.16	0.56
X1.2	0.15	0.17	0.12	0.13	0.14	0.34
X2.1	0.13	0.17	0.16	0.16	0.19	0.09
X2.5	0.12	0.15	0.15	0.11	0.15	0.11
X2.7	0.15	0.19	0.18	0.14	0.15	0.15
X3.1	0.17	0.18	0.15	0.16	0.19	0.26
X3.4	0.16	0.18	0.13	0.15	0.15	0.23
X4.4	0.08	0.07	0.06	0.01	0.02	0.00
X4.5	0.08	0.06	0.05	0.01	0.02	-0.02

X5.2	0.06	0.05	0.14	0.09	0.11	0.00
X5.3	0.01	0.00	0.06	0.07	0.07	-0.03
X5.4	0.06	0.05	0.11	0.11	0.11	0.04
X6.2	0.12	0.14	0.14	0.19	0.20	0.24
X6.3	0.14	0.17	0.16	0.17	0.20	0.23
X6.4	0.13	0.16	0.15	0.19	0.20	0.21
X7.1	0.17	0.20	0.18	0.19	0.20	0.23
X7.2	0.15	0.17	0.16	0.20	0.22	0.23
X7.3	0.14	0.18	0.16	0.20	0.21	0.23

Covariance Matrix

	X1.2	X2.1	X2.5	X2.7	X3.1	X3.4
X1.2	0.58					
X2.1	0.15	1.23				
X2.5	0.15	0.63	1.27			
X2.7	0.20	0.64	0.80	1.26		
X3.1	0.25	0.16	0.16	0.20	0.48	
X3.4	0.24	0.13	0.15	0.17	0.32	0.50
X4.4	-0.02	0.10	0.08	0.15	0.03	0.00
X4.5	-0.06	0.11	0.13	0.19	0.03	-0.01
X5.2	-0.04	0.32	0.40	0.38	0.08	0.01
X5.3	-0.03	0.32	0.40	0.33	0.03	0.00
X5.4	0.01	0.26	0.37	0.34	0.09	0.03
X6.2	0.21	0.13	0.14	0.19	0.23	0.22
X6.3	0.21	0.15	0.20	0.22	0.22	0.21
X6.4	0.19	0.12	0.18	0.23	0.21	0.20
X7.1	0.24	0.21	0.19	0.23	0.24	0.24
X7.2	0.22	0.17	0.16	0.22	0.23	0.22
X7.3	0.20	0.17	0.17	0.20	0.23	0.22

Covariance Matrix

	X4.4	X4.5	X5.2	X5.3	X5.4	X6.2
X4.4	1.10					
X4.5	0.81	1.12				
X5.2	0.21	0.18	0.95			
X5.3	0.16	0.15	0.51	0.92		
X5.4	0.11	0.09	0.50	0.59	0.82	
X6.2	0.03	0.03	0.08	0.00	0.04	0.53
X6.3	0.05	0.06	0.10	0.04	0.08	0.34
X6.4	0.00	0.03	0.10	0.05	0.12	0.33
X7.1	0.05	0.04	0.08	0.01	0.05	0.30
X7.2	0.02	0.02	0.10	0.04	0.09	0.31
X7.3	0.01	0.01	0.11	0.05	0.10	0.31

Covariance Matrix

	X6.3	X6.4	X7.1	X7.2	X7.3
X6.3	0.50				
X6.4	0.35	0.45			
X7.1	0.31	0.29	0.51		
X7.2	0.30	0.28	0.37	0.48	
X7.3	0.29	0.28	0.38	0.38	0.48

Number of Iterations = 11

LISREL Estimates (Robust Maximum Likelihood)

Measurement Equations

```
Y1.2 = 0.44*KUNJ, Errorvar.= 0.17  , R² = 0.54
                            (0.020)
                             8.41

Y1.4 = 0.52*KUNJ, Errorvar.= 0.15  , R² = 0.64
      (0.034)               (0.036)
       15.39                 4.23

Y1.5 = 0.44*KUNJ, Errorvar.= 0.30  , R² = 0.38
      (0.032)               (0.031)
       13.44                 9.99

Y2.2 = 0.53*PAD, Errorvar.= 0.12  , R² = 0.70
                           (0.020)
                            6.13

Y2.3 = 0.55*PAD, Errorvar.= 0.11  , R² = 0.73
      (0.032)              (0.023)
       17.34                4.84


X1.1 = 0.59*DTOW, Errorvar.= 0.22  , R² = 0.61
      (0.034)               (0.027)
       17.43                 8.07

X1.2 = 0.57*DTOW, Errorvar.= 0.26  , R² = 0.56
      (0.037)               (0.037)
       15.25                 6.97

X2.1 = 0.72*FINF, Errorvar.= 0.71  , R² = 0.42
      (0.059)               (0.081)
       12.18                 8.84

X2.5 = 0.88*FINF, Errorvar.= 0.49  , R² = 0.61
      (0.050)               (0.066)
       17.71                 7.40

X2.7 = 0.90*FINF, Errorvar.= 0.45  , R² = 0.64
      (0.047)               (0.069)
       19.00                 6.48

X3.1 = 0.58*PEL, Errorvar.= 0.14  , R² = 0.70
      (0.032)              (0.022)
       18.27                6.68

X3.4 = 0.55*PEL, Errorvar.= 0.20  , R² = 0.59
      (0.036)              (0.049)
       15.33                4.11

X4.4 = 0.87*KEAM, Errorvar.= 0.34 , R² = 0.69
      (0.075)               (0.12)
       11.63                 2.83

X4.5 = 0.93*KEAM, Errorvar.= 0.25 , R² = 0.78
      (0.075)               (0.13)
       12.42                 1.88

X5.2 = 0.68*KEBIJ, Errorvar.= 0.48  , R² = 0.49
      (0.051)                (0.063)
       13.25                  7.64

X5.3 = 0.78*KEBIJ, Errorvar.= 0.31  , R² = 0.66
      (0.048)                (0.054)
       16.20                  5.81
```

X5.4 = 0.74*KEBIJ, Errorvar.= 0.27 , R^2 = 0.68
(0.047) (0.041)
15.98 6.46

X6.2 = 0.58*INV, Errorvar.= 0.19 , R^2 = 0.65
(0.027) (0.029)
21.69 6.40

X6.3 = 0.60*INV, Errorvar.= 0.14 , R^2 = 0.72
(0.025) (0.018)
24.19 7.98

X6.4 = 0.57*INV, Errorvar.= 0.13 , R^2 = 0.71
(0.025) (0.020)
22.43 6.60

X7.1 = 0.62*PENGPD, Errorvar.= 0.13 , R^2 = 0.74
(0.027) (0.018)
22.70 7.14

X7.2 = 0.61*PENGPD, Errorvar.= 0.10 , R^2 = 0.79
(0.025) (0.016)
24.50 6.53

X7.3 = 0.61*PENGPD, Errorvar.= 0.11 , R^2 = 0.78
(0.026) (0.014)
23.35 7.82

Structural Equations

KUNJ = 0.31*DTOW + 0.16*FINF + 0.34*PEL + 0.13*KEAM + 0.011*KEBIJ, Errorvar.= 0.51 , R^2 = 0.49
(0.11) (0.069) (0.11) (0.042) (0.065) (0.075)
2.81 2.27 3.05 3.04 0.16 6.84

PAD = 0.40*KUNJ + 0.21*INV + 0.22*PENGPD, Errorvar.= 0.50 , R^2 = 0.50
(0.060) (0.10) (0.11) (0.072)
6.60 2.07 2.07 7.00

Reduced Form Equations

KUNJ = 0.31*DTOW + 0.16*FINF + 0.34*PEL + 0.13*KEAM + 0.011*KEBIJ + 0.0*INV + 0.0*PENGPD, Errorvar.= 0.51, R^2 = 0.49
(0.11) (0.069) (0.11) (0.042) (0.065)
2.81 2.27 3.05 3.04 0.16

PAD = 0.12*DTOW + 0.062*FINF + 0.14*PEL + 0.050*KEAM + 0.0042*KEBIJ + 0.21*INV + 0.22*PENGPD, Errorvar.= 0.58, R^2 = 0.42
0.42 (0.046) (0.029) (0.049) (0.017) (0.026) (0.10) (0.11)
2.68 2.12 2.77 2.87 0.16 2.07 2.07
+

Correlation Matrix of Independent Variables

	DTOW	FINF	PEL	KEAM	KEBIJ	INV
DTOW	1.00					
FINF	0.29	1.00				
	(0.06)					
	4.86					
PEL	0.75	0.34	1.00			
	(0.04)	(0.06)				
	18.55	5.90				
KEAM	-0.05	0.17	0.03	1.00		
	(0.06)	(0.07)	(0.06)			
	-0.94	2.46	0.49			
KEBIJ	-0.01	0.55	0.10	0.20	1.00	
	(0.07)	(0.06)	(0.07)	(0.07)		
	-0.10	9.13	1.53	2.89		
INV	0.65	0.37	0.65	0.06	0.16	1.00
	(0.04)	(0.06)	(0.04)	(0.06)	(0.07)	
	15.75	6.49	17.38	0.99	2.20	
PENGPD	0.64	0.37	0.67	0.04	0.15	0.82
	(0.04)	(0.05)	(0.04)	(0.06)	(0.07)	(0.02)
	17.19	7.21	17.17	0.77	2.26	33.12

Correlation Matrix of Independent Variables

	PENGPD
PENGPD	1.00

Covariance Matrix of Latent Variables

	KUNJ	PAD	DTOW	FINF	PEL	KEAM
KUNJ	1.00					
PAD	0.61	1.00				
DTOW	0.61	0.52	1.00			
FINF	0.39	0.32	0.29	1.00		
PEL	0.63	0.54	0.75	0.34	1.00	
KEAM	0.15	0.08	-0.05	0.17	0.03	1.00
KEBIJ	0.16	0.13	-0.01	0.55	0.10	0.20
INV	0.49	0.59	0.65	0.37	0.65	0.06
PENGPD	0.49	0.59	0.64	0.37	0.67	0.04

Covariance Matrix of Latent Variables

	KEBIJ	INV	PENGPD
KEBIJ	1.00		
INV	0.16	1.00	
PENGPD	0.15	0.82	1.00

Goodness of Fit Statistics

Degrees of Freedom = 201
Minimum Fit Function Chi-Square = 280.38 (P = 0.00018)
Normal Theory Weighted Least Squares Chi-Square = 282.02 (P = 0.00014)
Satorra-Bentler Scaled Chi-Square = 228.21 (P = 0.091)
Chi-Square Corrected for Non-Normality = 507.56 (P = 0.0)
Estimated Non-centrality Parameter (NCP) = 27.21
90 Percent Confidence Interval for NCP = (0.0 ; 68.58)

Minimum Fit Function Value = 0.57
Population Discrepancy Function Value (F0) = 0.055
90 Percent Confidence Interval for F0 = (0.0 ; 0.14)
Root Mean Square Error of Approximation (RMSEA) = 0.017
90 Percent Confidence Interval for RMSEA = (0.0 ; 0.026)
P-Value for Test of Close Fit (RMSEA < 0.05) = 1.00

Expected Cross-Validation Index (ECVI) = 0.76
90 Percent Confidence Interval for ECVI = (0.71 ; 0.85)
ECVI for Saturated Model = 1.11
ECVI for Independence Model = 28.22

Chi-Square for Independence Model with 253 Degrees of Freedom = 13948.76
Independence AIC = 13994.76
Model AIC = 378.21
Saturated AIC = 552.00
Independence CAIC = 14114.56
Model CAIC = 768.86
Saturated CAIC = 1989.57

Normed Fit Index (NFI) = 0.98
Non-Normed Fit Index (NNFI) = 1.00
Parsimony Normed Fit Index (PNFI) = 0.78
Comparative Fit Index (CFI) = 1.00
Incremental Fit Index (IFI) = 1.00
Relative Fit Index (RFI) = 0.98

Critical N (CN) = 545.57

Root Mean Square Residual (RMR) = 0.025
Standardized RMR = 0.037
Goodness of Fit Index (GFI) = 0.95
Adjusted Goodness of Fit Index (AGFI) = 0.94
Parsimony Goodness of Fit Index (PGFI) = 0.69

The Modification Indices Suggest to Add the

Path to	from	Decrease in Chi-Square	New Estimate
Y1.5	PAD	13.2	0.14
X1.2	INV	13.7	-0.46
X3.1	PENGPD	36.8	-1.38
X5.2	FINF	10.8	0.21
X5.3	PEL	8.6	-0.11
X5.3	INV	10.4	-0.12
X5.3	PENGPD	9.5	-0.11

The Modification Indices Suggest to Add an Error Covariance

Between	and	Decrease in Chi-Square	New Estimate
X3.1	Y2.3	9.9	0.03
X6.4	X5.4	8.5	0.03

Time used: 1.062 Seconds

Total and Indirect Effects

Total Effects of KSI on ETA

	DTOW	FINF	PEL	KEAM	KEBIJ	INV
KUNJ	0.31	0.16	0.34	0.13	0.01	- -
	(0.11)	(0.07)	(0.11)	(0.04)	(0.06)	
	2.81	2.27	3.05	3.04	0.16	
PAD	0.12	0.06	0.14	0.05	0.00	0.21
	(0.05)	(0.03)	(0.05)	(0.02)	(0.03)	(0.10)
	2.68	2.12	2.77	2.87	0.16	2.07

Total Effects of KSI on ETA

	PENGPD
KUNJ	- -
PAD	0.22
	(0.11)
	2.07

Indirect Effects of KSI on ETA

	DTOW	FINF	PEL	KEAM	KEBIJ	INV
KUNJ	- -	- -	- -	- -	- -	- -
PAD	0.12	0.06	0.14	0.05	0.00	- -
	(0.05)	(0.03)	(0.05)	(0.02)	(0.03)	
	2.68	2.12	2.77	2.87	0.16	

Indirect Effects of KSI on ETA

	PENGPD
KUNJ	- -
PAD	- -

Total Effects of ETA on ETA

	KUNJ	PAD
KUNJ	- -	- -
PAD	0.40	- -
	(0.06)	
	6.60	

Largest Eigenvalue of B*B' (Stability Index) is 0.157

Total Effects of ETA on Y

	KUNJ	PAD
Y1.2	0.44	- -
Y1.4	0.52	- -
	(0.03)	
	15.39	
Y1.5	0.44	- -
	(0.03)	
	13.44	
Y2.2	0.21	0.53
	(0.03)	
	6.60	
Y2.3	0.22	0.55
	(0.03)	(0.03)
	6.72	17.34

Indirect Effects of ETA on Y

	KUNJ	PAD
Y1.2	- -	- -
Y1.4	- -	- -
Y1.5	- -	- -
Y2.2	0.21	- -
	(0.03)	
	6.60	
Y2.3	0.22	- -
	(0.03)	
	6.72	

Total Effects of KSI on Y

	DTOW	FINF	PEL	KEAM	KEBIJ	INV
Y1.2	0.14	0.07	0.15	0.06	0.00	- -
	(0.05)	(0.03)	(0.05)	(0.02)	(0.03)	
	2.81	2.27	3.05	3.04	0.16	
Y1.4	0.16	0.08	0.18	0.07	0.01	- -
	(0.06)	(0.04)	(0.06)	(0.02)	(0.03)	
	2.86	2.25	3.04	3.13	0.16	
Y1.5	0.14	0.07	0.15	0.06	0.00	- -
	(0.05)	(0.03)	(0.05)	(0.02)	(0.03)	
	2.84	2.20	3.01	3.05	0.16	
Y2.2	0.07	0.03	0.07	0.03	0.00	0.11
	(0.02)	(0.02)	(0.03)	(0.01)	(0.01)	(0.05)
	2.68	2.12	2.77	2.87	0.16	2.07
Y2.3	0.07	0.03	0.07	0.03	0.00	0.12
	(0.02)	(0.02)	(0.03)	(0.01)	(0.01)	(0.06)
	2.71	2.11	2.78	2.87	0.16	2.06

Total Effects of KSI on Y

	PENGPD
Y1.2	- -
Y1.4	- -
Y1.5	- -
Y2.2	0.12
	(0.06)
	2.07
Y2.3	0.12
	(0.06)
	2.08

Time used: 1.062 Seconds