

LAMPIRAN IV : Output AMOS 16.0**Computation of degrees of freedom (Default model)**

Number of distinct sample moments:	105
Number of distinct parameters to be estimated:	29
Degrees of freedom (105 - 29):	76

Result (Default model)

Minimum was achieved
 Chi-square = 422,481
 Degrees of freedom = 76
 Probability level = ,000

Your model contains the following variables (Group number 1)

Observed, endogenous variables	ITQM
A.1	QC
A.2	e1
A.3	e2
A.4	e3
A.5	e4
A.6	e5
A.7	e6
A.8	e7
x.1	e8
x.2	e9
x.3	e10
x.4	e11
x.5	e12
x.6	e13
Unobserved, endogenous variables	e14

Assessment of normality (Group number 1)

Variable	min	max	skew	c.r.	kurtosis	c.r.
x.6	1,857	4,714	-,681	-1,553	,732	1,973
x.5	1,500	5,000	-,578	-2,488	,297	,638
x.4	1,667	4,889	-,783	-2,370	,410	,882
x.3	2,133	5,333	-,023	-,101	,124	,267
x.2	1,400	4,800	-1,166	-2,014	1,112	2,392
x.1	1,333	5,000	-,848	-2,147	1,183	2,545
A.8	2,000	5,000	-,275	-1,184	,060	,128
A.7	1,000	5,000	-,561	-2,413	-,255	-,549
A.6	1,000	5,000	-,616	-2,249	-,311	-,668
A.5	1,000	5,000	-,664	-2,357	,411	,884
A.4	2,000	5,000	-,493	-2,119	-,546	-1,174
A.3	1,500	4,750	-1,140	-2,101	1,598	2,136
A.2	1,000	5,000	-,703	-2,024	1,080	2,322

Variable	min	max	skew	c.r.	kurtosis	c.r.
A.1	1,750	4,500	-,760	-2,270	,627	1,348
Multivariate					17,712	4,408

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

Observation number	Mahalanobis d-squared	p1	p2
34	26,203	,054	,935
71	26,203	,054	,756
108	26,203	,054	,510
20	25,897	,057	,344
57	25,897	,057	,176
94	25,897	,057	,077
10	25,472	,060	,052
47	25,472	,060	,070
84	25,472	,060	,067
25	25,279	,062	,063
62	25,279	,062	,061
99	25,279	,062	,060
104	22,929	,071	,069
67	22,929	,071	,068
30	22,929	,071	,063
7	21,495	,090	,079
44	21,495	,090	,070
81	21,495	,090	,080
80	21,350	,093	,087
43	21,350	,093	,083
6	21,350	,093	,081
87	19,162	,159	,157
50	19,162	,159	,106
13	19,162	,159	,068
15	19,153	,159	,053
52	19,153	,159	,065
89	19,153	,159	,074
1	17,490	,231	,332
38	17,490	,231	,256
75	17,490	,231	,191
33	17,242	,244	,219
70	17,242	,244	,161
107	17,242	,244	,115

Observation number	Mahalanobis d-squared	p1	p2
21	17,222	,245	,083
58	17,222	,245	,055
95	17,222	,245	,035
101	16,281	,297	,226
64	16,281	,297	,170
27	16,281	,297	,124
8	16,104	,307	,133
45	16,104	,307	,095
82	16,104	,307	,065
85	15,601	,338	,160
48	15,601	,338	,117
11	15,601	,338	,083
36	14,854	,388	,318
73	14,854	,388	,252
110	14,854	,388	,195
16	14,449	,417	,332
53	14,449	,417	,266
90	14,449	,417	,207
91	14,407	,420	,173
54	14,407	,420	,129
17	14,407	,420	,093
23	13,901	,457	,236
60	13,901	,457	,182
97	13,901	,457	,136
83	13,441	,492	,293
46	13,441	,492	,231
9	13,441	,492	,177
96	13,142	,515	,266
59	13,142	,515	,208
22	13,142	,515	,157
31	12,183	,592	,664
68	12,183	,592	,592
105	12,183	,592	,516
14	10,620	,716	,996
51	10,620	,716	,993
88	10,620	,716	,988
26	10,389	,733	,993
63	10,389	,733	,989
100	10,389	,733	,981

Observation number	Mahalanobis d-squared	p1	p2
93	10,191	,748	,987
56	10,191	,748	,979
19	10,191	,748	,966
29	10,043	,759	,971
66	10,043	,759	,954
103	10,043	,759	,930
18	9,485	,799	,990
55	9,485	,799	,982
92	9,485	,799	,970
28	9,370	,807	,970
65	9,370	,807	,951
102	9,370	,807	,923
98	8,262	,875	1,000
61	8,262	,875	,999
24	8,262	,875	,998
76	7,700	,904	1,000
39	7,700	,904	1,000
2	7,700	,904	,999
111	7,419	,917	1,000
74	7,419	,917	,999
37	7,419	,917	,998
3	7,282	,923	,998
40	7,282	,923	,995
77	7,282	,923	,989
5	7,190	,927	,985
42	7,190	,927	,969
79	7,190	,927	,939
32	6,378	,956	,996

Eigenvalues

5,953 ,644 ,550 ,491 ,355 ,270 ,176 ,123 ,078 ,073 ,051 ,045 ,030 ,012

Determinant of sample covariance matrix = ,210

Model Fit Summary**CMIN**

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	29	413,481	76	,000	1,112
Saturated model	105	,000	0		
Independence model	14	2002,897	91	,000	22,010

RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	,037	,678	,555	,490

Model	RMR	GFI	AGFI	PGFI
Saturated model	,000	1,000		
Independence model	,381	,143	,011	,124

Baseline Comparisons

Model	NFI Delta1	RFI rho1	IFI Delta2	TLI rho2	CFI
Default model	,789	,717	,820	,783	,779
Saturated model	1,000		1,000		1,000
Independence model	,000	,000	,000	,000	,000

Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	,835	,659	,684
Saturated model	,000	,000	,000
Independence model	1,000	,000	,000

NCP

Model	NCP	LO 90	HI 90
Default model	346,481	285,689	414,786
Saturated model	,000	,000	,000
Independence model	1911,897	1769,991	2061,174

FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	3,841	3,150	2,597	3,771
Saturated model	,000	,000	,000	,000
Independence model	18,208	17,381	16,091	18,738

RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	,204	,185	,223	,000
Independence model	,437	,421	,454	,000

AIC

Model	AIC	BCC	BIC	CAIC
Default model	480,481	489,639	559,057	588,057
Saturated model	210,000	243,158	494,501	599,501
Independence model	2030,897	2035,318	2068,831	2082,831

ECVI

Model	ECVI	LO 90	HI 90	MECVI
Default model	4,368	3,815	4,989	4,451
Saturated model	1,909	1,909	1,909	2,211
Independence model	18,463	17,173	19,820	18,503

HOELTER

Model	HOELTER	HOELTER
	,05	,01
Default model	26	29
Independence model	7	7

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
ITQM <--- QC	1,277	,105	12,115	***	par_13
A.1 <--- QC	1,000				
A.2 <--- QC	1,252	,136	9,236	***	par_1
A.3 <--- QC	1,248	,095	6,827	,065	par_2
A.4 <--- QC	,991	,145	13,155	***	par_3
A.5 <--- QC	1,218	,152	10,652	***	par_4
A.6 <--- QC	1,469	,162	9,048	***	par_5
A.7 <--- QC	1,506	,141	8,028	,0731	par_6
A.8 <--- QC	1,082	,101	10,746	***	par_7
x.1 <--- ITQM	1,000				
x.2 <--- ITQM	1,076	,070	15,383	***	par_8
x.3 <--- ITQM	,845	,076	11,190	,082	par_9
x.4 <--- ITQM	,993	,060	16,510	***	par_10
x.5 <--- ITQM	,966	,076	12,687	***	par_11
x.6 <--- ITQM	,888	,058	15,388	***	par_12

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

	Estimate
ITQM <--- QC	1,000
A.1 <--- QC	,832
A.2 <--- QC	,742
A.3 <--- QC	,591
A.4 <--- QC	,922
A.5 <--- QC	,671
A.6 <--- QC	,731
A.7 <--- QC	,671
A.8 <--- QC	,820
x.1 <--- ITQM	,881
x.2 <--- ITQM	,927
x.3 <--- ITQM	,398
x.4 <--- ITQM	,952
x.5 <--- ITQM	,852
x.6 <--- ITQM	,927

Variances: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
QC	,269	,050	5,369	***	par_14
e1	,119	,017	7,046	***	par_15
e2	,344	,048	7,215	***	par_16
e3	,074	,011	6,478	***	par_17
e4	,492	,067	7,328	***	par_18
e5	,488	,067	7,282	***	par_19

	Estimate	S.E.	C.R.	P	Label
e6	,504	,070	7,228	***	par_20
e7	,307	,043	7,090	***	par_21
e8	,153	,022	7,078	***	par_22
e9	,126	,018	6,844	***	par_23
e10	,084	,013	6,413	***	par_24
e11	,178	,025	7,128	***	par_25
e12	,045	,008	5,831	***	par_26
e13	,155	,022	6,982	***	par_27
e14	,057	,009	6,411	***	par_28

Modification Indices (Group number 1 - Default model)

Covariances: (Group number 1 - Default model)

	M.I.	Par Change
e13 <--> e14	28,420	,052
e12 <--> e14	5,505	,013
e12 <--> e13	10,011	,029
e11 <--> e12	4,361	,020
e10 <--> e14	8,033	-,021
e10 <--> e13	10,600	-,039
e10 <--> e11	7,099	,034
e9 <--> e14	10,069	-,028
e9 <--> e10	23,392	,052
e8 <--> e14	12,933	,035
e8 <--> e13	12,749	,055
e8 <--> e11	5,455	-,038
e7 <--> e14	16,728	-,056
e7 <--> e13	6,111	-,054
e7 <--> e12	9,465	-,039
e7 <--> e11	4,622	,050
e7 <--> e10	11,189	,056
e7 <--> e8	4,255	-,045
e6 <--> e13	16,634	-,113
e6 <--> e7	15,974	,155
e5 <--> e11	15,311	-,113
e5 <--> e9	11,120	,083
e5 <--> e8	9,176	,081
e3 <--> e11	6,517	-,030
e3 <--> e7	5,386	,036
e3 <--> e6	6,684	,051
e2 <--> e13	5,291	-,053
e2 <--> e12	4,402	,028
e2 <--> e11	8,369	-,071
e2 <--> e7	8,532	-,094
e2 <--> e3	11,754	,056

	M.I.	Par Change
e1 <--> e12	13,091	-,029
e1 <--> e8	7,745	-,038
e1 <--> e7	16,682	,078
e1 <--> e3	19,028	,043

Variiances: (Group number 1 - Default model)

	M.I.	Par Change
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Regression Weights: (Group number 1 - Default model)

	M.I.	Par Change
x.6 <--- x.5	7,430	,089
x.6 <--- A.8	4,072	,072
x.6 <--- A.7	5,395	-,059
x.5 <--- A.6	7,555	-,102
x.3 <--- A.5	8,285	-,126
x.2 <--- x.1	4,893	,087
x.1 <--- A.5	6,021	,092
A.8 <--- A.5	4,966	,090
A.7 <--- A.6	7,252	,140
A.7 <--- A.1	4,887	,192
A.6 <--- x.5	4,316	-,190
A.6 <--- A.7	5,123	,162
A.5 <--- x.3	5,350	-,222
A.3 <--- A.2	5,162	,072
A.3 <--- A.1	5,601	,105
A.1 <--- A.7	5,356	,082



Matrices (Group number 1 - Default model)

Implied (for all variables) Covariances (Group number 1 - Default model)

Implied (for all variables) Covariances (Group number 1 - Default model)

	QC	ITQM	x.6	x.5	x.4	x.3	x.2	x.1	A.8	A.7	A.6	A.5	A.4	A.3	A.2	A.1
QC	,269															
ITQM	,343	,438														
x.6	,305	,389	,403													
x.5	,332	,423	,376	,564												
x.4	,341	,435	,387	,421	,478											
x.3	,290	,371	,329	,358	,368	,492										
x.2	,369	,471	,419	,455	,468	,399	,591									
x.1	,343	,438	,389	,423	,435	,371	,471	,564								
A.8	,291	,371	,330	,359	,369	,314	,399	,371	,467							
A.7	,405	,517	,459	,499	,514	,437	,556	,517	,438	,917						
A.6	,395	,504	,448	,487	,501	,426	,542	,504	,427	,595	1,084					
A.5	,327	,418	,371	,404	,415	,353	,450	,418	,354	,493	,481	,887				
A.4	,267	,340	,302	,329	,338	,288	,366	,340	,288	,401	,391	,325	,757			
A.3	,335	,428	,381	,414	,426	,362	,461	,428	,363	,505	,493	,409	,333	,492		
A.2	,337	,430	,382	,415	,427	,363	,462	,430	,364	,507	,494	,410	,334	,420	,766	
A.1	,269	,343	,305	,332	,341	,290	,369	,343	,291	,405	,395	,327	,267	,335	,337	,388

Implied (for all variables) Correlations (Group number 1 - Default model)

	QC	ITQ M	x.6	x.5	x.4	x.3	x.2	x.1	A.8	A.7	A.6	A.5	A.4	A.3	A.2	A.1
QC	1,000															
ITQ M	1,000	1,000														
x.6	,927	,927	1,000													
x.5	,852	,852	,789	1,000												
x.4	,952	,952	,882	,810	1,000											
x.3	,798	,798	,740	,680	,759	1,000										
x.2	,927	,927	,859	,789	,882	,740	1,000									
x.1	,881	,881	,817	,750	,839	,703	,817	1,000								
A.8	,820	,820	,760	,699	,780	,655	,760	,723	1,000							
A.7	,816	,816	,756	,695	,776	,651	,756	,719	,669	1,000						
A.6	,731	,731	,678	,623	,696	,584	,678	,645	,600	,597	1,000					
A.5	,671	,671	,621	,571	,638	,535	,621	,591	,550	,547	,490	1,000				
A.4	,591	,591	,548	,503	,562	,472	,548	,521	,485	,482	,432	,396	1,000			
A.3	,922	,922	,854	,785	,877	,736	,854	,813	,756	,752	,674	,618	,545	1,000		
A.2	,742	,742	,688	,632	,706	,592	,688	,654	,609	,605	,543	,498	,438	,684	1,000	
A.1	,832	,832	,771	,709	,792	,664	,771	,733	,683	,679	,609	,558	,492	,767	,618	1,000