

# HASIL ANALISIS FAKTOR (software SPSS 16.0 for windows)

## Uji Validitas & Reliabilitas Correlations

Correlations		Total
Total	Pearson Correlation	1
	N	150
X1	Pearson Correlation	,709**
	Sig. (2-tailed)	,000
	N	150
X2	Pearson Correlation	,671**
	Sig. (2-tailed)	,000
	N	150
X3	Pearson Correlation	,655**
	Sig. (2-tailed)	,000
	N	150
X4	Pearson Correlation	,615**
	Sig. (2-tailed)	,000
	N	150
X5	Pearson Correlation	,398**
	Sig. (2-tailed)	,000
	N	150
X6	Pearson Correlation	,455**
	Sig. (2-tailed)	,000
	N	150
X7	Pearson Correlation	,546**
	Sig. (2-tailed)	,000
	N	150
X8	Pearson Correlation	,630**
	Sig. (2-tailed)	,000
	N	150
X9	Pearson Correlation	,635**
	Sig. (2-tailed)	,000
	N	150
X10	Pearson Correlation	,530**
	Sig. (2-tailed)	,000
	N	150

\*\* . Correlation is significant at the 0.01 level

Correlations		Total
Total	Pearson Correlation	1
	N	150
X11	Pearson Correlation	,693**
	Sig. (2-tailed)	,000
	N	150
X12	Pearson Correlation	,480**
	Sig. (2-tailed)	,000
	N	150
X13	Pearson Correlation	,303**
	Sig. (2-tailed)	,000
	N	150
X14	Pearson Correlation	,655**
	Sig. (2-tailed)	,000
	N	150
X15	Pearson Correlation	,597**
	Sig. (2-tailed)	,000
	N	150
X16	Pearson Correlation	,462**
	Sig. (2-tailed)	,000
	N	150
X17	Pearson Correlation	,371**
	Sig. (2-tailed)	,000
	N	150
X18	Pearson Correlation	,460**
	Sig. (2-tailed)	,000
	N	150
X19	Pearson Correlation	,463**
	Sig. (2-tailed)	,000
	N	150

\*\* . Correlation is significant at the 0.01 level

## Reliability Scale: ALL VARIABLES

### Case Processing Summary

		N	%
Cases	Valid	150	100,0
	Excluded <sup>a</sup>	0	,0
	Total	150	100,0

a. Listwise deletion based on all variables in the procedure.

### Reliability Statistics

Cronbach's Alpha	N of Items
,863	19

## Analisis Faktor (Tahap 1) Factor Analysis

### KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,749
Bartlett's Test of Sphericity	Approx. Chi-Square	1999,131
	df	171
	Sig.	,000

Anti-image Matrices

	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16	X17	X18	X19	
Anti-image Covari:	X1	,144	-.052	-.012	,011	,007	,011	-.024	,019	-.036	-.030	-.037	-.001	,084	-.051	-.003	,022	,023	-.044	,061
	X2	-.052	,116	-.041	,005	,028	,072	-.014	,008	,010	-.004	-.036	,009	.96E-005	,005	-.098	,083	-.016	-.001	-.013
	X3	-.012	-.041	,151	-.020	,054	,003	,057	-.003	,013	-.048	-.048	-.023	-.056	,029	-.126	-.013	-.030	,013	-.009
	X4	,011	,005	-.020	,220	,001	,010	-.170	,026	-.052	-.181	,008	,087	,004	-.035	,008	-.022	,003	,004	-.009
	X5	,007	,028	,054	,001	,359	,032	-.016	,011	-.007	,028	-.064	,010	,012	-.045	-.029	-.023	-.075	-.204	-.015
	X6	,011	,072	,003	,010	,032	,369	-.042	,012	,002	,007	-.098	-.002	,049	-.012	-.178	,055	-.003	,013	-.021
	X7	-.024	-.014	,057	-.170	-.016	-.042	,436	-.081	,063	,107	-.014	-.098	,005	,030	-.003	-.054	,015	-.020	,002
	X8	,019	,008	-.003	,026	,011	,012	-.081	,184	-.147	-.050	-.009	-.015	-.002	-.032	-.017	,024	-.023	-.001	,043
	X9	-.036	,010	,013	-.052	-.007	,002	,063	-.147	,183	,039	,001	-.019	-.057	,016	-.003	-.027	,028	-.004	-.044
	X10	-.030	-.004	,013	-.181	,028	,007	,107	-.050	,039	,306	-.004	-.067	-.013	,054	-.016	,035	,044	-.043	-.054
	X11	-.037	-.036	-.048	,008	-.064	-.098	-.014	-.009	,001	-.004	,147	-.011	-.047	-.030	,060	-.012	,009	,044	,000
	X12	-.001	-.009	-.048	,087	,010	-.002	-.098	-.015	-.019	-.067	-.011	,722	,074	-.014	,010	,003	,025	-.021	-.146
	X13	,084	.96E-005	-.023	,004	,012	,049	,005	-.002	-.057	-.013	-.047	,074	,764	-.071	-.038	,124	-.024	-.048	,026
	X14	-.051	,005	-.056	-.035	-.045	-.012	,030	-.032	,016	,054	-.030	-.014	-.071	,274	,024	,016	-.002	,050	-.071
	X15	-.003	-.098	,029	,008	-.029	-.178	-.003	-.017	-.003	-.016	,060	,010	-.038	,024	,194	-.139	-.008	,024	-.021
	X16	,022	,083	-.126	-.022	-.023	,055	-.054	,024	-.027	,035	-.012	,003	,124	,016	-.139	,470	-.046	,014	-.011
	X17	,023	-.016	-.013	,003	-.075	-.003	,015	-.023	,028	,044	,009	,025	-.024	-.002	-.008	-.046	,487	-.121	-.157
	X18	-.044	-.001	-.030	,004	-.204	,013	-.020	-.001	-.004	-.043	,044	-.021	-.048	,050	,024	,014	-.121	,317	-.051
	X19	,061	-.013	,013	-.009	-.015	-.021	,002	,043	-.044	-.054	,000	-.146	,026	-.071	-.021	-.011	-.157	-.051	,585
Anti-image Correl:	X1	,865 <sup>a</sup>	-.405	-.078	,060	,032	,047	-.095	,117	-.225	-.141	-.255	-.004	,252	-.257	-.017	,084	,088	-.207	,209
	X2	-.405	,764 <sup>a</sup>	-.311	,030	,137	,349	-.061	,052	,070	-.019	-.280	,033	.98E-005	,028	-.651	,355	-.067	-.005	-.048
	X3	-.078	-.311	,822 <sup>a</sup>	-.111	,231	,013	,222	-.015	,075	,063	-.325	-.145	-.068	-.274	,168	-.474	-.048	-.138	,043
	X4	,060	,030	-.111	,709 <sup>a</sup>	,003	,035	-.550	,130	-.259	-.698	,044	,219	,010	-.144	,041	-.067	,010	,014	-.025
	X5	,032	,137	,231	,003	,657 <sup>a</sup>	,089	-.041	,044	-.026	,085	-.281	,020	,022	-.143	-.109	-.056	-.180	-.605	-.032
	X6	,047	,349	,013	,035	,089	,626 <sup>a</sup>	-.106	,047	,007	,021	-.423	-.004	,093	-.039	-.665	,131	-.008	,037	-.045
	X7	-.095	-.061	,222	-.550	-.041	-.106	,706 <sup>a</sup>	-.286	,224	,293	-.055	-.174	,009	,087	-.012	-.119	,033	-.053	,003
	X8	,117	,052	-.015	,130	,044	,047	-.286	,737 <sup>a</sup>	-.802	-.211	-.053	-.041	-.004	-.142	-.090	,082	-.077	-.005	,130
	X9	-.225	,070	,075	-.259	-.026	,007	,224	-.802	,725 <sup>a</sup>	,166	,008	-.052	-.153	,069	-.016	-.092	,095	-.016	-.134
	X10	-.141	-.019	,063	-.698	,085	,021	,293	-.211	,166	,693 <sup>a</sup>	-.021	-.143	-.028	,185	-.064	,093	,113	-.138	-.126
	X11	-.255	-.280	-.325	,044	-.281	-.423	-.055	-.053	,008	-.021	,827 <sup>a</sup>	-.034	-.141	-.150	,354	-.046	,035	,204	,001
	X12	-.004	,033	-.145	,219	,020	-.004	-.174	-.041	-.052	-.143	-.034	,842 <sup>a</sup>	,100	-.030	,027	,005	,042	-.044	-.224
	X13	,252	.98E-005	-.068	,010	,022	,093	,009	-.004	-.153	-.028	-.141	,100	,662 <sup>a</sup>	-.155	-.100	,207	-.040	-.097	,038
	X14	-.257	,028	-.274	-.144	-.143	-.039	,087	-.142	,069	,185	-.150	-.030	-.155	,888 <sup>a</sup>	,102	,045	-.005	,169	-.177
	X15	-.017	-.651	,168	,041	-.109	-.665	-.012	-.090	-.016	-.064	,354	,027	-.100	,102	,616 <sup>a</sup>	-.461	-.025	,095	-.061
	X16	,084	,355	-.474	-.067	-.056	,131	-.119	,082	-.092	,093	-.046	,005	,207	,045	-.461	,599 <sup>a</sup>	-.096	,036	-.022
	X17	,088	-.067	-.048	,010	-.180	-.008	,033	-.077	,095	,113	,035	,042	-.040	-.005	-.025	-.096	,791 <sup>a</sup>	-.307	-.295
	X18	-.207	-.005	-.138	,014	-.605	,037	-.053	-.005	-.016	-.138	,204	-.044	-.097	,169	,095	,036	-.307	,683 <sup>a</sup>	-.118
	X19	,209	-.048	,043	-.025	-.032	-.045	,003	,130	-.134	-.126	,001	-.224	,038	-.177	-.061	-.022	-.295	-.118	,778 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

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## Communalities

	Initial	Extraction
X1	1,000	,842
X2	1,000	,814
X3	1,000	,858
X4	1,000	,758
X5	1,000	,714
X6	1,000	,658
X7	1,000	,568
X8	1,000	,739
X9	1,000	,717
X10	1,000	,614
X11	1,000	,865
X12	1,000	,244
X13	1,000	,287
X14	1,000	,777
X15	1,000	,766
X16	1,000	,515
X17	1,000	,720
X18	1,000	,767
X19	1,000	,513

Extraction Method: Principal Component Analysis.

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Rotated Component Matrix<sup>a</sup>

	Component			
	1	2	3	4
X1	,871	,252	-,024	,136
X2	,844	,138	-,046	,282
X3	,910	,056	,012	,162
X4	,136	,852	,070	,095
X5	,011	,074	,840	-,055
X6	,246	,101	-,052	,765
X7	,024	,663	,129	,333
X8	,208	,830	,079	,023
X9	,230	,808	,103	,001
X10	,133	,771	,039	,015
X11	,908	,141	,001	,142
X12	,385	,176	,228	,115
X13	,240	,290	,142	-,353
X14	,865	,158	,061	,000
X15	,308	,221	,046	,787
X16	,185	,067	,224	,653
X17	,023	-,084	,836	,113
X18	,044	,194	,843	-,129
X19	,019	,177	,663	,204

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 5 iterations.

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## Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	6,115	32,184	32,184	6,115	32,184	32,184	4,405	23,186	23,186
2	2,887	15,196	47,379	2,887	15,196	47,379	3,494	18,389	41,575
3	2,128	11,198	58,577	2,128	11,198	58,577	2,729	14,364	55,939
4	1,606	8,452	67,029	1,606	8,452	67,029	2,107	11,090	67,029
5	,999	5,259	72,288						
6	,895	4,711	77,000						
7	,770	4,051	81,050						
8	,698	3,672	84,722						
9	,601	3,161	87,883						
10	,519	2,733	90,616						
11	,444	2,337	92,953						
12	,359	1,892	94,844						
13	,242	1,275	96,119						
14	,205	1,079	97,198						
15	,158	,829	98,027						
16	,135	,711	98,739						
17	,092	,485	99,224						
18	,081	,427	99,651						
19	,066	,349	100,000						

Extraction Method: Principal Component Analysis.

## Analisis Faktor (Tahap 2) Factor Analysis

### KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,747
Bartlett's Test of Sphericity	Approx. Chi-Square	1925,194
	df	136
	Sig.	,000

### Anti-image Matrices

	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X14	X15	X16	X17	X18	X19
Anti-image Covariance																	
X1	,154	-,056	-,011	,013	,007	,006	-,028	,020	-,033	-,032	-,035	-,048	,002	,009	,028	-,042	,063
X2	-,056	,116	-,042	,004	,028	,073	-,013	,008	,011	-,003	-,037	,005	-,099	,087	-,016	-,001	-,011
X3	-,011	-,042	,154	-,016	,056	,004	,054	-,004	,010	,009	-,052	-,061	,029	-,132	-,012	-,034	,004
X4	,013	,004	-,016	,231	,000	,011	-,172	,029	-,054	-,186	,010	-,037	,007	-,023	5,48E-005	,006	,010
X5	,007	,028	,056	,000	,360	,032	-,016	,012	-,006	,030	-,065	-,045	-,029	-,026	-,076	-,206	-,014
X6	,006	,073	,004	,011	,032	,372	-,046	,012	,006	,008	-,098	-,008	-,179	,049	-,002	,016	-,026
X7	-,028	-,013	,054	-,172	-,016	-,046	,450	-,086	,065	,103	-,015	,031	-,001	-,060	,020	-,022	-,021
X8	,020	,008	-,004	,029	,012	,012	-,086	,184	-,152	-,053	-,009	-,033	-,017	,025	-,023	-,002	,042
X9	-,033	,011	,010	-,054	-,006	,006	,065	-,152	,188	,039	-,002	,011	-,006	-,019	,028	-,008	-,049
X10	-,032	-,003	,009	-,186	,030	,008	,103	-,053	,039	,313	-,006	,054	-,016	,039	,047	-,047	-,072
X11	-,035	-,037	-,052	,010	-,065	-,098	-,015	-,009	-,002	-,006	,150	-,036	,059	-,005	,008	,042	,001
X14	-,048	,005	-,061	-,037	-,045	-,008	,031	-,033	,011	,054	-,036	,280	,021	,030	-,004	,047	-,075
X15	,002	-,099	,029	,007	-,029	-,179	-,001	-,017	-,006	-,016	,059	,021	,196	-,140	-,010	,022	-,018
X16	,009	,087	-,132	-,023	-,026	,049	-,060	,025	-,019	,039	-,005	,030	-,140	,491	-,043	,022	-,019
X17	,028	-,016	-,012	5,48E-005	-,076	-,002	,020	-,023	,028	,047	,008	-,004	-,010	-,043	,488	-,123	-,160
X18	-,042	-,001	-,034	,006	-,206	,016	-,022	-,002	-,008	-,047	,042	,047	,022	,022	-,123	,320	-,056
X19	,063	-,011	,004	,010	-,014	-,026	-,021	,042	-,049	-,072	,001	-,075	-,018	-,019	-,160	-,056	,618
Anti-image Correlation																	
X1	,883 <sup>a</sup>	-,418	-,068	,068	,028	,024	-,107	,121	-,196	-,144	-,230	-,229	,009	,033	,103	-,191	,205
X2	-,418	,754 <sup>a</sup>	-,311	,023	,136	,351	-,056	,054	,073	-,014	-,282	,028	-,656	,364	-,069	-,004	-,042
X3	-,068	-,311	,817 <sup>a</sup>	-,083	,238	,017	,204	-,022	,062	,042	-,345	-,294	,169	-,479	-,045	-,152	,014
X4	,068	,023	-,083	,721 <sup>a</sup>	-,001	,038	-,532	,142	-,259	-,691	,052	-,145	,035	-,069	,000	,023	,027
X5	,028	,136	,238	-,001	,651 <sup>a</sup>	,087	-,039	,045	-,022	,089	-,280	-,141	-,108	-,061	-,180	-,606	-,030
X6	,024	,351	,017	,038	,087	,627 <sup>a</sup>	-,111	,047	,022	,022	-,417	-,025	-,662	,115	-,004	,046	-,053
X7	-,107	-,056	,204	-,532	-,039	-,111	,716 <sup>a</sup>	-,297	,225	,275	-,059	,088	-,005	-,128	,042	-,059	-,039
X8	,121	,054	-,022	,142	,045	,047	-,297	,716 <sup>a</sup>	-,815	-,219	-,055	-,145	-,090	,084	-,075	-,006	,125
X9	-,196	,073	,062	-,259	-,022	,022	,225	-,815	,717 <sup>a</sup>	,161	-,015	,046	-,031	-,063	,092	-,032	-,142
X10	-,144	-,014	,042	-,691	,089	,022	,275	-,219	,161	,692 <sup>a</sup>	-,028	,183	-,063	,100	,120	-,148	-,164
X11	-,230	-,282	-,345	,052	-,280	-,417	-,059	-,055	-,015	-,028	,826 <sup>a</sup>	-,176	,346	-,018	,031	,193	,002
X14	-,229	,028	-,294	-,145	-,141	-,025	,088	-,145	,046	,183	-,176	,888 <sup>a</sup>	,089	,080	-,010	,156	-,181
X15	,009	-,656	,169	,035	-,108	-,662	-,005	-,090	-,031	-,063	,346	,089	,618 <sup>a</sup>	-,452	-,031	,087	-,051
X16	,033	,364	-,479	-,069	-,061	,115	-,128	,084	-,063	,100	-,018	,080	-,452	,606 <sup>a</sup>	-,089	,057	-,035
X17	,103	-,069	-,045	,000	-,180	-,004	,042	-,075	,092	,120	,031	-,010	-,031	-,089	,787 <sup>a</sup>	-,312	-,291
X18	-,191	-,004	-,152	,023	-,606	,046	-,059	-,006	-,032	-,148	,193	,156	,087	,057	-,312	,679 <sup>a</sup>	-,126
X19	,205	-,042	,014	,027	-,030	-,053	-,039	,125	-,142	-,164	,002	-,181	-,051	-,035	-,291	-,126	,788 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

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## Communalities

	Initial	Extraction
X1	1,000	,868
X2	1,000	,823
X3	1,000	,860
X4	1,000	,773
X5	1,000	,728
X6	1,000	,716
X7	1,000	,560
X8	1,000	,727
X9	1,000	,702
X10	1,000	,633
X11	1,000	,866
X14	1,000	,773
X15	1,000	,807
X16	1,000	,502
X17	1,000	,729
X18	1,000	,789
X19	1,000	,502

Extraction Method: Principal Component Analy

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## Rotated Component Matrix

	Component			
	1	2	3	4
X1	,882	,269	-,006	,135
X2	,842	,143	-,035	,305
X3	,906	,063	,021	,188
X4	,144	,860	,080	,082
X5	,010	,080	,848	-,043
X6	,202	,079	-,073	,815
X7	,012	,665	,122	,322
X8	,184	,826	,072	,072
X9	,208	,804	,097	,056
X10	,141	,782	,045	-,006
X11	,902	,146	,010	,179
X14	,860	,164	,072	,046
X15	,270	,202	,032	,832
X16	,162	,063	,213	,653
X17	,008	-,087	,837	,143
X18	,047	,204	,854	-,127
X19	-,013	,175	,647	,229

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 5 iterations.

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## Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	5,869	34,525	34,525	5,869	34,525	34,525	4,119	24,229	24,229
2	2,866	16,860	51,384	2,866	16,860	51,384	3,402	20,012	44,241
3	2,107	12,392	63,777	2,107	12,392	63,777	2,664	15,670	59,911
4	1,516	8,916	72,692	1,516	8,916	72,692	2,173	12,781	72,692
5	,820	4,825	77,517						
6	,728	4,280	81,797						
7	,705	4,150	85,947						
8	,566	3,329	89,276						
9	,444	2,612	91,888						
10	,368	2,167	94,055						
11	,251	1,476	95,531						
12	,207	1,217	96,748						
13	,165	,968	97,716						
14	,143	,839	98,555						
15	,094	,555	99,110						
16	,085	,498	99,608						
17	,067	,392	100,000						

Extraction Method: Principal Component Analysis.