

```

GET DATA /TYPE=XLSX
  /FILE='D:\SEMESTER 8\SKRIPSI\REVISI\RDS - revisi 13.xlsx'
  /SHEET=name 'Sheet1'
  /CELLRANGE=full
  /READNAMES=on
  /ASSUMEDSTRWIDTH=32767.
DATASET NAME DataSet1 WINDOW=FRONT.
FACTOR
  /VARIABLES Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10 Q11 Q12 Q13
  /MISSING LISTWISE
  /ANALYSIS Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10 Q11 Q12 Q13
  /PRINT UNIVARIATE INITIAL CORRELATION SIG KMO AIC EXTRACTION ROTATION
  /FORMAT SORT
  /PLOT EIGEN ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.

```

----- F A C T O R A N A L Y S I S -----

Factor Analysis

Notes

Output Created	07-Oct-2017 23:33:20	
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	100
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable

Syntax

```
FACTOR  
  /VARIABLES Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8  
Q9 Q10 Q11 Q12 Q13  
  /MISSING LISTWISE  
  /ANALYSIS Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8  
Q9 Q10 Q11 Q12 Q13  
  /PRINT UNIVARIATE INITIAL  
CORRELATION SIG KMO AIC  
EXTRACTION ROTATION  
  /FORMAT SORT  
  /PLOT EIGEN ROTATION  
  /CRITERIA MINEIGEN(1) ITERATE(25)  
  /EXTRACTION PC  
  /CRITERIA ITERATE(25)  
  /ROTATION VARIMAX  
  /METHOD=CORRELATION.
```

Resources

```
Processor Time          00:00:01.170  
Elapsed Time           00:00:01.357  
Maximum Memory Required 21700 (21.191K) bytes
```

[DataSet1]

Descriptive Statistics

	Mean	Std. Deviation	Analysis N
Q1	4.06	1.118	100
Q2	3.91	1.093	100
Q3	4.07	.977	100
Q4	4.10	.937	100

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.723
Bartlett's Test of Sphericity	Approx. Chi-Square	648.571
	df	78
	Sig.	.000

Anti-image Matrices

		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13
Anti-image Covariance	Q1	.420	-.196	-.057	-.061	-.046	-.056	.036	-.027	-.042	.015	.088	-.074	-.069
	Q2	-.196	.359	-.113	.031	.084	.035	-.072	-.065	.033	.013	-.138	.024	.005
	Q3	-.057	-.113	.669	-.129	-.108	-.003	.086	-.058	.060	-.054	.099	-.053	.068
	Q4	-.061	.031	-.129	.410	.010	-.205	.025	-.039	-.051	.060	-.093	-.007	-.070
	Q5	-.046	.084	-.108	.010	.347	-.008	-.248	-.014	-.090	.057	.026	-.044	.015
	Q6	-.056	.035	-.003	-.205	-.008	.513	-.084	.081	.002	-.080	.008	-.048	.129
	Q7	.036	-.072	.086	.025	-.248	-.084	.376	-.132	.065	-.044	.025	.017	-.068
	Q8	-.027	-.065	-.058	-.039	-.014	.081	-.132	.632	-.070	.028	-.102	.087	.041
	Q9	-.042	.033	.060	-.051	-.090	.002	.065	-.070	.342	-.211	.052	-.093	.085
	Q10	.015	.013	-.054	.060	.057	-.080	-.044	.028	-.211	.286	-.104	.059	-.115
	Q11	.088	-.138	.099	-.093	.026	.008	.025	-.102	.052	-.104	.052	-.093	-.115
	Q12	-.074	.024	-.053	-.007	-.044	-.048	.017	.087	-.093	.059	-.093	.059	-.115
	Q13	-.069	.005	.068	-.070	.015	.129	-.068	.041	.085	-.115	-.104	.059	-.115
Anti-image Correlation	Q1	.793 ^a	-.504	-.107	-.148	-.120	-.121	.092	-.053	-.111	.043	.043	.041	.043
	Q2	-.504	.710 ^a	-.229	.080	.237	.082	-.196	-.136	.093	.041	.041	.041	.041
	Q3	-.107	-.229	.670 ^a	-.246	-.224	-.005	.172	-.090	.125	-.125	-.125	-.125	-.125
	Q4	-.148	.080	-.246	.818 ^a	.027	.447	.064	.077	.126	.174	.174	.174	.174

Anti-image Matrices

		Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13
Anti-image Covariance	Q1	.420	-.196	-.057	-.061	-.046	-.056	.036	-.027	-.042	.015	.088	-.074	-.069
	Q2	-.196	.359	-.113	.031	.084	.035	-.072	-.065	.033	.013	-.138	.024	.005
	Q3	-.057	-.113	.669	-.129	-.108	-.003	.086	-.058	.060	-.054	.099	-.053	.068
	Q4	-.061	.031	-.129	.410	.010	-.205	.025	-.039	-.051	.060	-.093	-.007	-.070
	Q5	-.046	.084	-.108	.010	.347	-.008	-.248	-.014	-.090	.057	.026	-.044	.015
	Q6	-.056	.035	-.003	-.205	-.008	.513	-.084	.081	.002	-.080	.008	-.048	.129
	Q7	.036	-.072	.086	.025	-.248	-.084	.376	-.132	.065	-.044	.025	.017	-.068
	Q8	-.027	-.065	-.058	-.039	-.014	.081	-.132	.632	-.070	.028	-.102	.087	.041
	Q9	-.042	.033	.060	-.051	-.090	.002	.065	-.070	.342	-.211	.052	-.093	.085
	Q10	.015	.013	-.054	.060	.057	-.080	-.044	.028	-.211	.286	-.104	.059	-.115
	Q11	.088	-.138	.099	-.093	.026	.008	.025	-.102	.052	-.104	.052	-.104	-.115
	Q12	-.074	.024	-.053	-.007	-.044	-.048	.017	.087	-.093	.059	-.104	.059	-.115
	Q13	-.069	.005	.068	-.070	.015	.129	-.068	.041	.085	-.115	-.104	.059	-.115
Anti-image Correlation	Q1	.793 ^a	-.504	-.107	-.148	-.120	-.121	.092	-.053	-.111	.043	.268	-.154	.220
	Q2	-.504	.710 ^a	-.229	.080	.237	.082	-.196	-.136	.093	.041	.454	-.229	.287
	Q3	-.107	-.229	.670 ^a	-.246	-.224	-.005	.172	-.090	.125	-.125	.320	-.090	.230
	Q4	-.148	.080	-.246	.818 ^a	.027	-.447	.064	-.077	-.136	.174	.554	-.077	.287
	Q5	-.120	.237	-.224	.027	.564 ^a	-.020	-.687	-.031	-.262	.182	.686 ^a	-.031	.086
	Q6	-.121	.082	-.005	-.447	-.020	.764 ^a	-.191	.143	.005	-.208	.254	-.191	.022
	Q7	.092	-.196	.172	.064	-.687	-.191	.569 ^a	-.271	.181	-.134	.070	-.271	.070
	Q8	-.053	-.136	-.090	-.077	-.031	.143	-.271	.766 ^a	-.150	.067	.254	-.271	.176
	Q9	-.111	.093	.125	-.136	-.262	.005	.181	-.150	.668 ^a	-.674	.282	-.150	.176
	Q10	.043	.041	-.125	.174	.182	-.208	-.134	.067	-.674	.686 ^a	.282	-.134	.282
	Q11	.268	-.154	.320	.554	.686 ^a	.254	.070	.254	-.176	.282	.282	-.134	.282

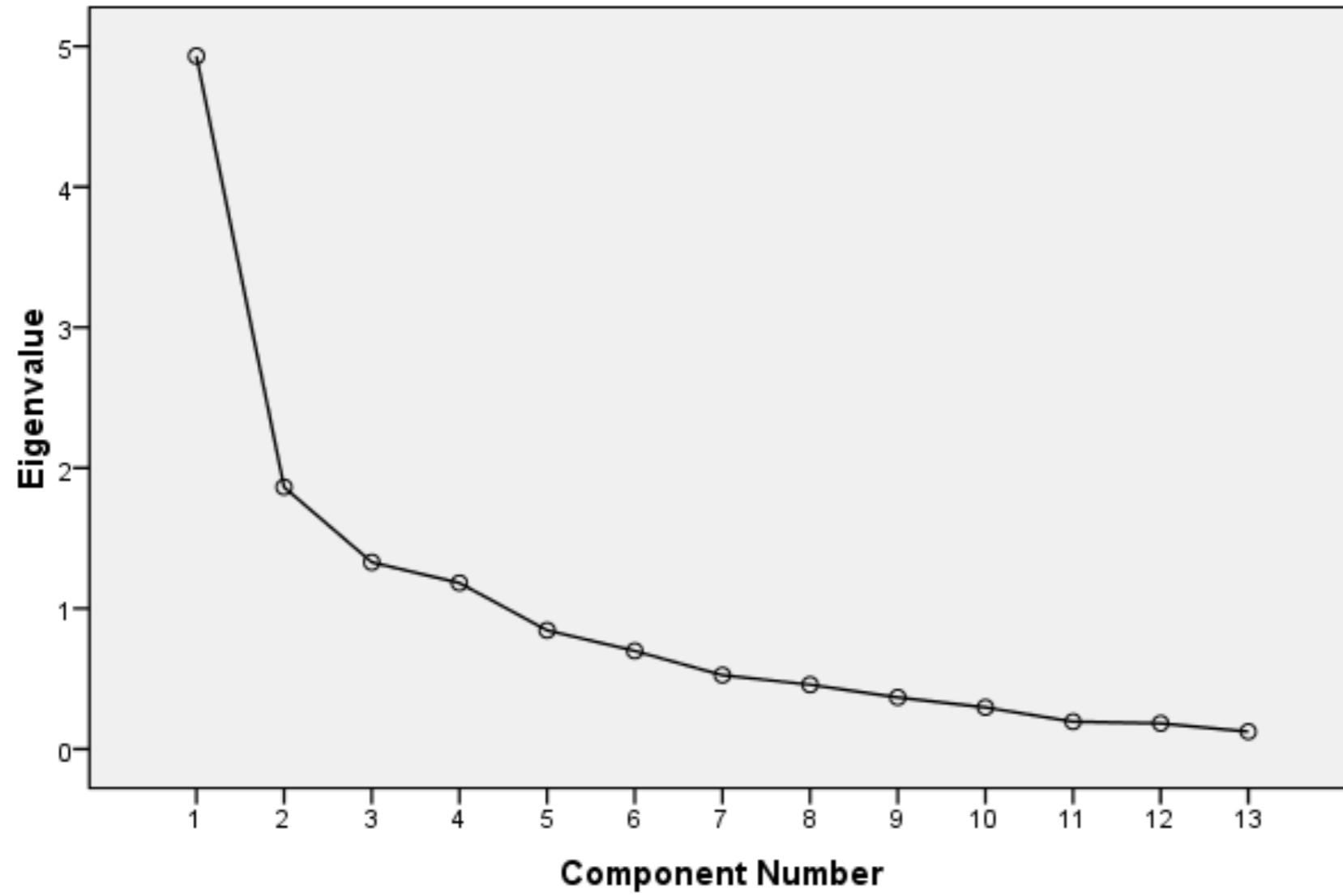
Q3	1.000	.702
Q4	1.000	.676
Q5	1.000	.843
Q6	1.000	.638
Q7	1.000	.834
Q8	1.000	.612
Q9	1.000	.707
Q10	1.000	.759
Q11	1.000	.810
Q12	1.000	.667
Q13	1.000	.595

Extraction Method: Principal
Component Analysis.

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	4.931	37.929	37.929	4.931	37.929	37.929	2.981	22.929	22.929
2	1.864	14.336	52.264	1.864	14.336	52.264	2.445	18.807	41.735
3	1.329	10.224	62.488	1.329	10.224	62.488	1.958	15.065	56.800
4	1.182	9.090	71.579	1.182	9.090	71.579	1.921	14.779	71.579
5	.845	6.502	78.081						
6	.698	5.372	83.453						
7	.526	4.045	87.498						
8	.458	3.524	91.022						
9	.368	2.828	93.850						

Scree Plot



Component Matrix^a

	Component			
	1	2	3	4
Q12	.788	-.156	-.135	-.058
Q4	.749	-.039	.003	-.337

Q3	.397	.278	.402	-.553
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Extraction Method: Principal Component Analysis.

a. 4 components extracted.

Rotated Component Matrix^a

	Component			
	1	2	3	4
Q10	.820	.286	-.032	.057
Q9	.803	-.021	.116	.218
Q12	.652	.391	.297	.031
Q6	.572	-.126	.508	.192
Q2	.054	.823	.347	-.022
Q11	.518	.725	.032	-.122
Q8	-.015	.596	.070	.501
Q13	.522	.568	.001	.025
Q3	-.045	.069	.825	.118
Q1	.246	.420	.637	.138
Q4	.518	.271	.579	.006
Q7	.119	.158	.030	.891
Q5	.150	-.180	.222	.859

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 10 iterations.

Component Transformation Matrix

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Component Plot in Rotated Space

