

RELIABILITY

```

/VARIABLES=transformed1 transformed6 transformed11 transformed16 transformed21 transformed26 transformed31 transformed36 transform
ed41 transformed46
/SCALE('ALL VARIABLES') ALL
/MODEL=ALPHA
/STATISTICS=DESCRIPTIVE SCALE

/SUMMARY=TOTAL.

```

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.917	.917	5

**Item Statistics**

	Mean	Std. Deviation	N
q51	3.26	1.071	43
q52	3.40	1.050	43
q53	3.19	1.029	43
q54	3.40	1.137	43
q55	3.56	1.076	43

**Summary Item Statistics**

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance	N of Items
Item Means	3.358	3.186	3.558	.372	1.117	.021	5
Item Variances	1.152	1.060	1.292	.233	1.219	.008	5
Inter-Item Covariances	.792	.639	1.054	.415	1.650	.020	5
Inter-Item Correlations	.688	.546	.883	.337	1.618	.012	5

**Item-Total Statistics**

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
q51	13.53	13.636	.862	.774	.882
q52	13.40	13.769	.864	.824	.882
q53	13.60	14.864	.715	.606	.912
q54	13.40	13.530	.810	.816	.893
q55	13.23	14.754	.688	.507	.918

**Scale Statistics**

Mean	Variance	Std. Deviation	N of Items
16.79	21.598	4.647	5

```

FACTOR
/VARIABLES q51 q52 q53 q54 q55
/MISSING LISTWISE
/ANALYSIS q51 q52 q53 q54 q55
/PRINT INITIAL KMO EXTRACTION ROTATION
/PLOT EIGEN
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION ML
/CRITERIA ITERATE(25)
/ROTATION PROMAX(4) .
    
```

## Factor Analysis

### Notes

Output Created		
Comments		
Input	Data	C:\Users\RICHARD\Desktop\explore.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	43
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 used.
Syntax		<p>FACTOR</p> <p>/VARIABLES q51 q52 q53 q54 q55</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS q51 q52 q53 q54 q55</p> <p>/PRINT INITIAL KMO EXTRACTION</p> <p>ROTATION</p> <p>/PLOT EIGEN</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION ML</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION PROMAX(4).</p>
Resources	Processor Time	00:00:00.421
	Elapsed Time	00:00:00.415
	Maximum Memory Required	4100 (4.004K) bytes

**KMO and Bartlett's Test**

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.822
Bartlett's Test of Sphericity	Approx. Chi-Square	166.983
	df	10
	Sig.	.000

**Communalities**

	Initial	Extraction
q51	.774	.789
q52	.824	.888
q53	.606	.479
q54	.816	.840
q55	.507	.452

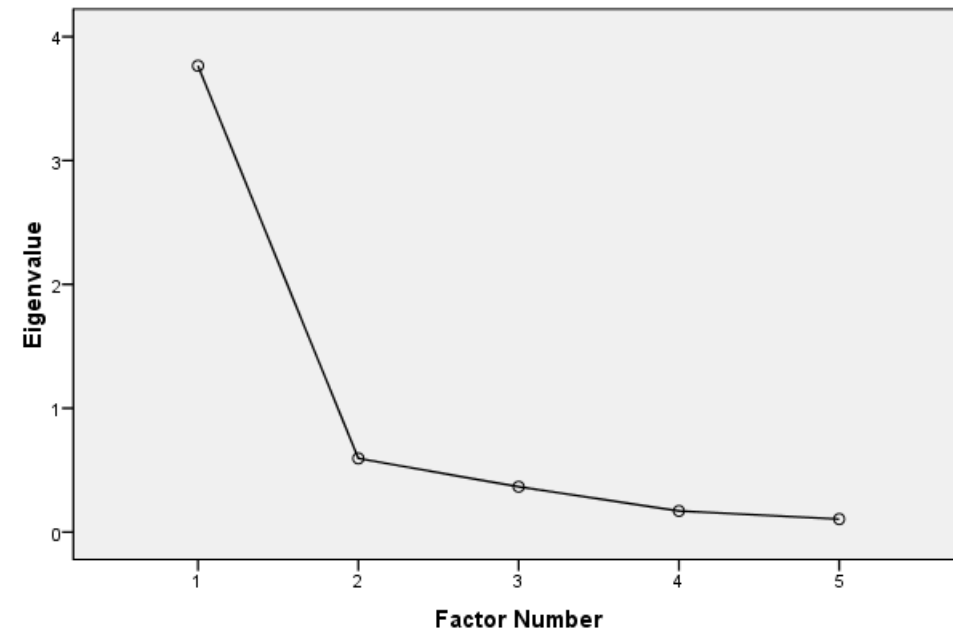
Extraction Method: Maximum Likelihood.

**Total Variance Explained**

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.765	75.298	75.298	3.448	68.954	68.954
2	.594	11.889	87.187			
3	.366	7.314	94.502			
4	.170	3.403	97.905			
5	.105	2.095	100.000			

Extraction Method: Maximum Likelihood.

**Scree Plot**



**Factor Matrix<sup>a</sup>**

	Factor
	1
q51	.888
q52	.942
q53	.692
q54	.917
q55	.673

Extraction Method:

Maximum Likelihood.

a. 1 factors extracted. 5

iterations required.

**Goodness-of-fit Test**

Chi-Square	df	Sig.
14.595	5	.012