

*ASSIGNMENT 3: FACTOR ANALYSES GO-QOL.

*3a Step 1: Correlation matrix.

CORRELATIONS

```
/VARIABLES=bicycling driving moving_house walking reading tv hobby  
interference changed_app stared unpeas_react selfconfidence friends  
isolation photos mask_changes  
/PRINT=TWOTAIL SIG  
/MISSING=PAIRWISE .
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Correlations

```
[DataSet1] N:\EMGO\Kenniscentrum Meetinstrumenten\Onderwijs\boek Riekie\materiaal voor  
website\Chapter 4\chapter4_assignment3_factor analysis GO-QOL_Terwee 1998.sav
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Correlations

		bicycling	driving	moving around the house	walking outdoors
bicycling	Pearson Correlation Sig. (2-tailed) N	1 70	,643 62	,508 70	,558 70
driving	Pearson Correlation Sig. (2-tailed) N	,643 62	1 62	,575 62	,470 62
moving around the house	Pearson Correlation Sig. (2-tailed) N	,508 70	,575 62	1 70	,642 70
walking outdoors	Pearson Correlation Sig. (2-tailed) N	,558 70	,470 62	,642 70	1 70
reading	Pearson Correlation Sig. (2-tailed) N	,094 69	,272 61	,459 69	,318 69
watching TV	Pearson Correlation Sig. (2-tailed) N	,236 69	,451 61	,360 69	,248 69
hobby or pastime	Pearson Correlation Sig. (2-tailed) N	,289 69	,369 61	,486 69	,391 69
feeling hindered	Pearson Correlation Sig. (2-tailed) N	,323 70	,528 62	,432 70	,405 70
changed appearance	Pearson Correlation Sig. (2-tailed) N	,088 70	,013 62	,047 70	-,042 70
stared at in the streets	Pearson Correlation Sig. (2-tailed) N	,202 69	-,021 61	,152 69	,088 69
people react unpleasantly	Pearson Correlation Sig. (2-tailed) N	-,003 70	,116 62	,143 70	,060 70
influence on self-confidence	Pearson Correlation Sig. (2-tailed) N	-,147 70	-,036 62	-,029 70	,019 70
influence on making friends	Pearson Correlation Sig. (2-tailed) N	-,070 69	,002 61	,102 69	,154 69
socially isolated	Pearson Correlation Sig. (2-tailed) N	,172 70	,238 62	,227 70	,187 70
less often on photos	Pearson Correlation Sig. (2-tailed) N	-,057 53	-,194 47	,014 53	,030 53
mask changes in appearance	Pearson Correlation Sig. (2-tailed) N	-,048 70	,026 62	,013 70	-,032 70

Correlations

		reading	watching TV	hobby or pastime	feeling hindered
bicycling	Pearson Correlation	,094	,236	,289	,323
	Sig. (2-tailed)	,443	,051	,016	,006
	N	69	69	69	70
driving	Pearson Correlation	,272	,451	,369	,528
	Sig. (2-tailed)	,034	,000	,003	,000
	N	61	61	61	62
moving around the house	Pearson Correlation	,459	,360	,486	,432
	Sig. (2-tailed)	,000	,002	,000	,000
	N	69	69	69	70
walking outdoors	Pearson Correlation	,318	,248	,391	,405
	Sig. (2-tailed)	,008	,040	,001	,001
	N	69	69	69	70
reading	Pearson Correlation	1	,533	,463	,402
	Sig. (2-tailed)		,000	,000	,001
	N	69	69	68	69
watching TV	Pearson Correlation	,533	1	,391	,437
	Sig. (2-tailed)	,000		,001	,000
	N	69	69	68	69
hobby or pastime	Pearson Correlation	,463	,391	1	,455
	Sig. (2-tailed)	,000	,001		,000
	N	68	68	69	69
feeling hindered	Pearson Correlation	,402	,437	,455	1
	Sig. (2-tailed)	,001	,000	,000	
	N	69	69	69	70
changed appearance	Pearson Correlation	,110	,042	,125	,176
	Sig. (2-tailed)	,369	,734	,307	,144
	N	69	69	69	70
stared at in the streets	Pearson Correlation	-,007	,000	,097	,038
	Sig. (2-tailed)	,954	,997	,430	,755
	N	68	68	68	69
people react unpleasantly	Pearson Correlation	,054	,025	,108	,115
	Sig. (2-tailed)	,659	,838	,377	,343
	N	69	69	69	70
influence on self-confidence	Pearson Correlation	,125	,125	,085	,267
	Sig. (2-tailed)	,305	,305	,488	,025
	N	69	69	69	70
influence on making friends	Pearson Correlation	-,005	,067	,090	,273
	Sig. (2-tailed)	,968	,590	,463	,023
	N	68	68	68	69
socially isolated	Pearson Correlation	,086	,128	,189	,376
	Sig. (2-tailed)	,480	,295	,119	,001
	N	69	69	69	70
less often on photos	Pearson Correlation	-,049	,126	,045	,099
	Sig. (2-tailed)	,731	,373	,746	,482
	N	52	52	53	53
mask changes in appearance	Pearson Correlation	,035	-,012	,020	,051
	Sig. (2-tailed)	,775	,920	,871	,673
	N	69	69	69	70

Correlations

		changed appearance	stared at in the streets	people react unpleasantly
bicycling	Pearson Correlation	,088	,202	-,003
	Sig. (2-tailed)	,468	,095	,979
	N	70	69	70
driving	Pearson Correlation	,013	-,021	,116
	Sig. (2-tailed)	,921	,872	,368
	N	62	61	62
moving around the house	Pearson Correlation	,047	,152	,143
	Sig. (2-tailed)	,701	,212	,237
	N	70	69	70
walking outdoors	Pearson Correlation	-,042	,088	,060
	Sig. (2-tailed)	,730	,471	,624
	N	70	69	70
reading	Pearson Correlation	,110	-,007	,054
	Sig. (2-tailed)	,369	,954	,659
	N	69	68	69
watching TV	Pearson Correlation	,042	,000	,025
	Sig. (2-tailed)	,734	,997	,838
	N	69	68	69
hobby or pastime	Pearson Correlation	,125	,097	,108
	Sig. (2-tailed)	,307	,430	,377
	N	69	68	69
feeling hindered	Pearson Correlation	,176	,038	,115
	Sig. (2-tailed)	,144	,755	,343
	N	70	69	70
changed appearance	Pearson Correlation	1	,622	,476
	Sig. (2-tailed)		,000	,000
	N	70	69	70
stared at in the streets	Pearson Correlation	,622	1	,531
	Sig. (2-tailed)	,000		,000
	N	69	69	69
people react unpleasantly	Pearson Correlation	,476	,531	1
	Sig. (2-tailed)	,000	,000	
	N	70	69	70
influence on self-confidence	Pearson Correlation	,471	,373	,505
	Sig. (2-tailed)	,000	,002	,000
	N	70	69	70
influence on making friends	Pearson Correlation	,396	,245	,472
	Sig. (2-tailed)	,001	,043	,000
	N	69	69	69
socially isolated	Pearson Correlation	,161	,163	,246
	Sig. (2-tailed)	,182	,180	,040
	N	70	69	70
less often on photos	Pearson Correlation	,330	,361	,517
	Sig. (2-tailed)	,016	,008	,000
	N	53	53	53
mask changes in appearance	Pearson Correlation	,348	,353	,233
	Sig. (2-tailed)	,003	,003	,053
	N	70	69	70

Correlations

		influence on self-confidenc e	influnce on making friends	socially isolated
bicycling	Pearson Correlation Sig. (2-tailed) N	-,147 ,223 70	-,070 ,567 69	,172 ,154 70
driving	Pearson Correlation Sig. (2-tailed) N	-,036 ,783 62	,002 ,988 61	,238 ,062 62
moving around the house	Pearson Correlation Sig. (2-tailed) N	-,029 ,810 70	,102 ,402 69	,227 ,059 70
walking outdoors	Pearson Correlation Sig. (2-tailed) N	,019 ,877 70	,154 ,206 69	,187 ,121 70
reading	Pearson Correlation Sig. (2-tailed) N	,125 ,305 69	-,005 ,968 68	,086 ,480 69
watching TV	Pearson Correlation Sig. (2-tailed) N	,125 ,305 69	,067 ,590 68	,128 ,295 69
hobby or pastime	Pearson Correlation Sig. (2-tailed) N	,085 ,488 69	,090 ,463 68	,189 ,119 69
feeling hindered	Pearson Correlation Sig. (2-tailed) N	,267 ,025 70	,273 ,023 69	,376 ,001 70
changed appearance	Pearson Correlation Sig. (2-tailed) N	,471 ,000 70	,396 ,001 69	,161 ,182 70
stared at in the streets	Pearson Correlation Sig. (2-tailed) N	,373 ,002 69	,245 ,043 69	,163 ,180 69
people react unpleasantly	Pearson Correlation Sig. (2-tailed) N	,505 ,000 70	,472 ,000 69	,246 ,040 70
influence on self-confidence	Pearson Correlation Sig. (2-tailed) N	1 ,000 70	,495 ,000 69	,398 ,001 70
influnce on making friends	Pearson Correlation Sig. (2-tailed) N	,495 ,000 69	1 ,000 69	,306 ,011 69
socially isolated	Pearson Correlation Sig. (2-tailed) N	,398 ,001 70	,306 ,011 69	1 ,001 70
less often on photos	Pearson Correlation Sig. (2-tailed) N	,535 ,000 53	,428 ,001 53	,142 ,310 53
mask changes in appearance	Pearson Correlation Sig. (2-tailed) N	,292 ,014 70	,119 ,329 69	-,061 ,613 70

Correlations

		less often on photos	mask changes in appearance
bicycling	Pearson Correlation Sig. (2-tailed) N	-,057 ,684 53	-,048 ,695 70
driving	Pearson Correlation Sig. (2-tailed) N	-,194 ,191 47	,026 ,840 62
moving around the house	Pearson Correlation Sig. (2-tailed) N	,014 ,923 53	,013 ,916 70
walking outdoors	Pearson Correlation Sig. (2-tailed) N	,030 ,831 53	-,032 ,791 70
reading	Pearson Correlation Sig. (2-tailed) N	-,049 ,731 52	,035 ,775 69
watching TV	Pearson Correlation Sig. (2-tailed) N	,126 ,373 52	-,012 ,920 69
hobby or pastime	Pearson Correlation Sig. (2-tailed) N	,045 ,746 53	,020 ,871 69
feeling hindered	Pearson Correlation Sig. (2-tailed) N	,099 ,482 53	,051 ,673 70
changed appearance	Pearson Correlation Sig. (2-tailed) N	,330 ,016 53	,348 ,003 70
stared at in the streets	Pearson Correlation Sig. (2-tailed) N	,361 ,008 53	,353 ,003 69
people react unpleasantly	Pearson Correlation Sig. (2-tailed) N	,517 ,000 53	,233 ,053 70
influence on self-confidence	Pearson Correlation Sig. (2-tailed) N	,535 ,000 53	,292 ,014 70
influence on making friends	Pearson Correlation Sig. (2-tailed) N	,428 ,001 53	,119 ,329 69
socially isolated	Pearson Correlation Sig. (2-tailed) N	,142 ,310 53	-,061 ,613 70
less often on photos	Pearson Correlation Sig. (2-tailed) N	1 ,007 53	,369 ,007 53
mask changes in appearance	Pearson Correlation Sig. (2-tailed) N	,369 ,007 53	1 ,007 70

*3b PCA.

*Step 2: The number of factors to be extracted.

FACTOR

```
/VARIABLES bicycling driving moving_house walking reading tv hobby interferenc
e
changed_app stared unpeas_react selfconfidence friends isolation photos
```

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mask_changes
/MISSING LISTWISE /ANALYSIS bicycling driving moving_house walking reading tv ho
  bby interference
changed_app stared unpeas_react selfconfidence friends isolation photos
mask_changes
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/PLOT EIGEN
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/METHOD=CORRELATION .
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Factor Analysis

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Communalities

	Initial	Extraction
bicycling	1,000	,747
driving	1,000	,741
moving around the house	1,000	,675
walking outdoors	1,000	,559
reading	1,000	,790
watching TV	1,000	,485
hobby or pastime	1,000	,488
feeling hindered	1,000	,651
changed appearance	1,000	,653
stared at in the streets	1,000	,706
people react unpleasantly	1,000	,642
influence on self-confidence	1,000	,758
influence on making friends	1,000	,678
socially isolated	1,000	,565
less often on photos	1,000	,681
mask changes in appearance	1,000	,524

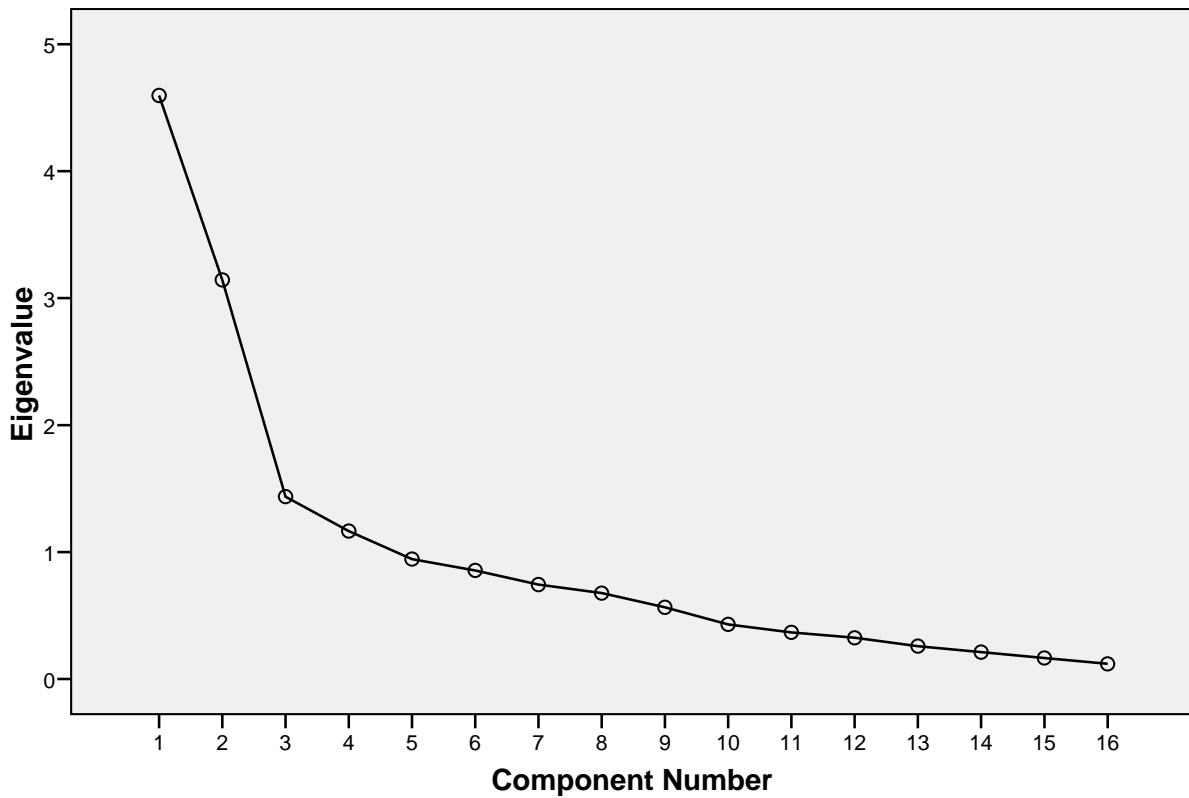
Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	4,597	28,729	28,729	4,597	28,729	28,729
2	3,144	19,648	48,377	3,144	19,648	48,377
3	1,436	8,977	57,353	1,436	8,977	57,353
4	1,165	7,282	64,636	1,165	7,282	64,636
5	,944	5,902	70,538			
6	,855	5,347	75,885			
7	,743	4,647	80,531			
8	,676	4,225	84,756			
9	,564	3,528	88,284			
10	,430	2,685	90,969			
11	,368	2,298	93,267			
12	,324	2,027	95,294			
13	,259	1,616	96,910			
14	,211	1,319	98,229			
15	,165	1,029	99,258			
16	,119	,742	100,000			

Extraction Method: Principal Component Analysis.

Scree Plot



Component Matrix^a

	Component			
	1	2	3	4
bicycling	,455	,567	-,352	,307
driving	,472	,604	,074	,385
moving around the house	,611	,476	-,254	,101
walking outdoors	,554	,425	-,223	,145
reading	,511	,378	,189	-,592
watching TV	,482	,316	,355	-,166
hobby or pastime	,499	,402	,197	-,196
feeling hindered	,702	,209	,337	,028
changed appearance	,643	-,419	-,113	-,225
stared at in the streets	,647	-,288	-,393	-,221
people react unpleasantly	,576	-,496	-,139	,214
influence on self-confidence	,518	-,624	,299	-,106
influence on making friends	,529	-,462	,251	,349
socially isolated	,416	-,257	,531	,209
less often on photos	,419	-,626	-,261	,213
mask changes in appearance	,436	-,192	-,436	-,328

Extraction Method: Principal Component Analysis.

a. 4 components extracted.

*Step 3 Rotation.

FACTOR

```

/VARIABLES bicycling driving moving_house walking reading tv hobby interferenc
e
changed_app stared unpeas_react selfconfidence friends isolation photos
mask_changes
/MISSING LISTWISE /ANALYSIS bicycling driving moving_house walking reading tv ho
bby interference
changed_app stared unpeas_react selfconfidence friends isolation photos
mask_changes
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Factor Analysis

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Communalities

	Initial	Extraction
bicycling	1,000	,747
driving	1,000	,741
moving around the house	1,000	,675
walking outdoors	1,000	,559
reading	1,000	,790
watching TV	1,000	,485
hobby or pastime	1,000	,488
feeling hindered	1,000	,651
changed appearance	1,000	,653
stared at in the streets	1,000	,706
people react unpleasantly	1,000	,642
influence on self-confidence	1,000	,758
influence on making friends	1,000	,678
socially isolated	1,000	,565
less often on photos	1,000	,681
mask changes in appearance	1,000	,524

Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues		
	Total	% of Variance	Cumulative %
1	4,597	28,729	28,729
2	3,144	19,648	48,377
3	1,436	8,977	57,353
4	1,165	7,282	64,636
5	,944	5,902	70,538
6	,855	5,347	75,885
7	,743	4,647	80,531
8	,676	4,225	84,756
9	,564	3,528	88,284
10	,430	2,685	90,969
11	,368	2,298	93,267
12	,324	2,027	95,294
13	,259	1,616	96,910
14	,211	1,319	98,229
15	,165	1,029	99,258
16	,119	,742	100,000

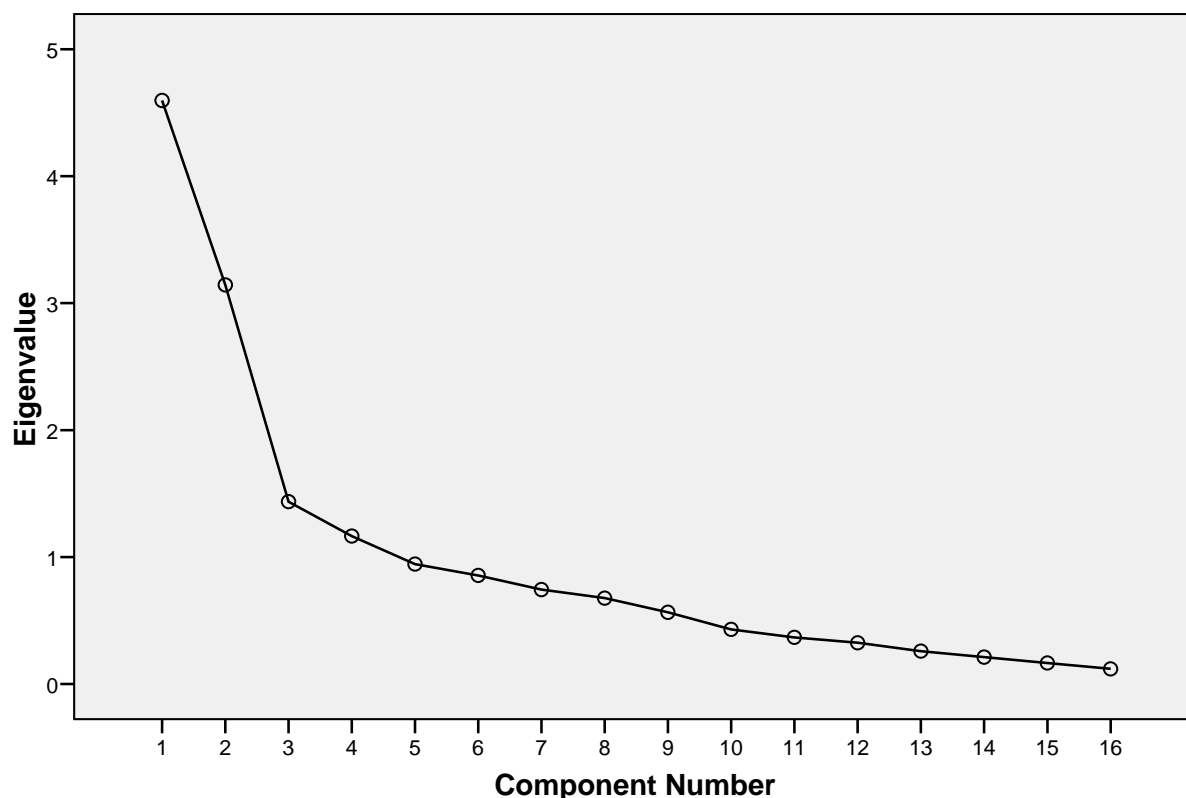
Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	4,597	28,729	28,729	2,805	17,530	17,530
2	3,144	19,648	48,377	2,629	16,428	33,959
3	1,436	8,977	57,353	2,628	16,425	50,384
4	1,165	7,282	64,636	2,280	14,252	64,636
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Extraction Method: Principal Component Analysis.

Scree Plot



Component Matrix^a

	Component			
	1	2	3	4
bicycling	,455	,567	-,352	,307
driving	,472	,604	,074	,385
moving around the house	,611	,476	-,254	,101
walking outdoors	,554	,425	-,223	,145
reading	,511	,378	,189	-,592
watching TV	,482	,316	,355	-,166
hobby or pastime	,499	,402	,197	-,196
feeling hindered	,702	,209	,337	,028
changed appearance	,643	-,419	-,113	-,225
stared at in the streets	,647	-,288	-,393	-,221
people react unpleasantly	,576	-,496	-,139	,214
influence on self-confidence	,518	-,624	,299	-,106
influence on making friends	,529	-,462	,251	,349
socially isolated	,416	-,257	,531	,209
less often on photos	,419	-,626	-,261	,213
mask changes in appearance	,436	-,192	-,436	-,328

Extraction Method: Principal Component Analysis.

a. 4 components extracted.

Rotated Component Matrix^a

	Component			
	1	2	3	4
bicycling	,851	-,102	,085	,074
driving	,778	,143	-,210	,266
moving around the house	,735	-,022	,231	,283
walking outdoors	,688	,012	,187	,225
reading	,124	-,117	,229	,842
watching TV	,232	,185	-,029	,630
hobby or pastime	,331	,054	,050	,611
feeling hindered	,381	,431	,069	,561
changed appearance	-,011	,376	,686	,202
stared at in the streets	,168	,168	,798	,113
people react unpleasantly	,140	,573	,525	-,138
influence on self-confidence	-,276	,686	,413	,199
influence on making friends	,075	,796	,196	-,030
socially isolated	-,021	,712	-,068	,229
less often on photos	,022	,498	,572	-,325
mask changes in appearance	,080	-,059	,710	,098

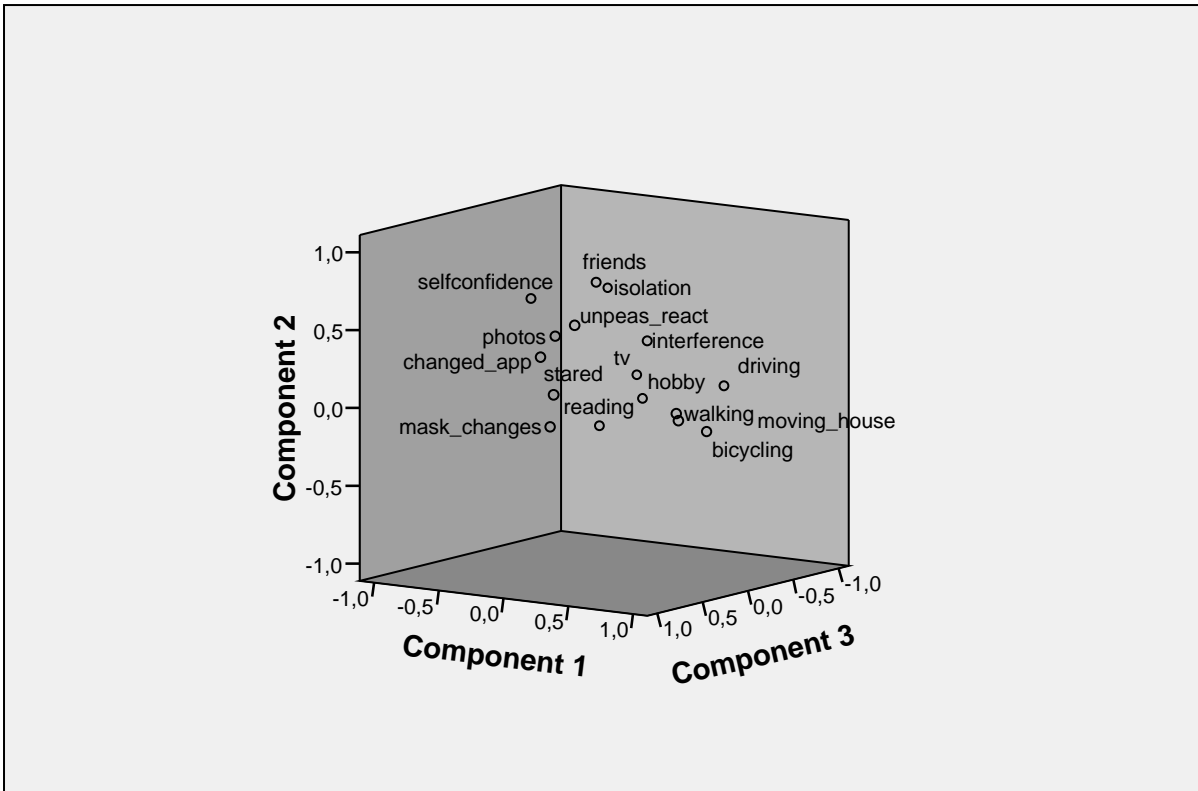
Extraction Method: Principal Component Analysis.
 Rotation Method: Varimax with Kaiser Normalization.
 a. Rotation converged in 10 iterations.

Component Transformation Matrix

Component	1	2	3	4
1	,502	,502	,535	,457
2	,613	-,515	-,439	,407
3	-,336	,515	-,603	,509
4	,509	,466	-,397	-,606

Extraction Method: Principal Component Analysis.
 Rotation Method: Varimax with Kaiser Normalization.

Component Plot in Rotated Space



*3d. PCA analysis forcing a 2 factor model.

FACTOR

```
/VARIABLES bicycling driving moving_house walking reading tv hobby interference  
e  
changed_app stared unpeas_react selfconfidence friends isolation photos  
mask_changes  
/MISSING LISTWISE /ANALYSIS bicycling driving moving_house walking reading tv ho  
bby interference  
changed_app stared unpeas_react selfconfidence friends isolation photos  
mask_changes  
/PRINT INITIAL CORRELATION EXTRACTION ROTATION  
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Factor Analysis

[DataSet1] N:\EMGO\Kenniscentrum Meetinstrumenten\Onderwijs\boek Riekie\materiaal voor website\Chapter 4\chapter4_assignment3_factor analysis GO-QOL_Terwee 1998.sav

Correlation Matrix

		bicycling	driving	moving around the house	walking outdoors	reading
Correlation	bicycling	1,000	,629	,508	,499	,172
	driving	,629	1,000	,513	,413	,243
	moving around the house	,508	,513	1,000	,628	,427
	walking outdoors	,499	,413	,628	1,000	,406
	reading	,172	,243	,427	,406	1,000
	watching TV	,268	,430	,236	,257	,449
	hobby or pastime	,355	,271	,412	,350	,430
	feeling hindered	,310	,525	,370	,299	,405
	changed appearance	,095	,004	,175	,053	,233
	stared at in the streets	,256	,010	,346	,185	,243
	people react unpleasantly	,040	,095	,181	,095	,033
	influence on self-confidence	-,241	-,120	-,082	,063	,138
	influence on making friends	-,067	,060	,121	,178	-,006
	socially isolated	-,002	,123	,097	,016	,118
	less often on photos	,002	-,194	-,004	,119	-,202
	mask changes in appearance	,123	,069	,178	,182	,196

Correlation Matrix

		watching TV	hobby or pastime	feeling hindered	changed appearance
Correlation	bicycling	,268	,355	,310	,095
	driving	,430	,271	,525	,004
	moving around the house	,236	,412	,370	,175
	walking outdoors	,257	,350	,299	,053
	reading	,449	,430	,405	,233
	watching TV	1,000	,311	,453	,107
	hobby or pastime	,311	1,000	,472	,189
	feeling hindered	,453	,472	1,000	,304
	changed appearance	,107	,189	,304	1,000
	stared at in the streets	,155	,135	,239	,678
	people react unpleasantly	,043	,020	,229	,544
	influence on self-confidence	,225	,041	,269	,459
	influence on making friends	,084	,117	,326	,441
	socially isolated	,088	,134	,333	,304
	less often on photos	,046	-,079	,122	,351
	mask changes in appearance	,018	,075	,227	,361

Correlation Matrix

		stared at in the streets	people react unpleasantly	influence on self-confidenc e	influence on making friends
Correlation	bicycling	,256	,040	-,241	-,067
	driving	,010	,095	-,120	,060
	moving around the house	,346	,181	-,082	,121
	walking outdoors	,185	,095	,063	,178
	reading	,243	,033	,138	-,006
	watching TV	,155	,043	,225	,084
	hobby or pastime	,135	,020	,041	,117
	feeling hindered	,239	,229	,269	,326
	changed appearance	,678	,544	,459	,441
	stared at in the streets	1,000	,541	,361	,223
	people react unpleasantly	,541	1,000	,479	,480
	influence on self-confidence	,361	,479	1,000	,562
	influence on making friends	,223	,480	,562	1,000
	socially isolated	,177	,287	,456	,381
	less often on photos	,417	,532	,543	,486
	mask changes in appearance	,364	,211	,319	,111

Correlation Matrix

		socially isolated	less often on photos	mask changes in appearance
Correlation	bicycling	-,002	,002	,123
	driving	,123	-,194	,069
	moving around the house	,097	-,004	,178
	walking outdoors	,016	,119	,182
	reading	,118	-,202	,196
	watching TV	,088	,046	,018
	hobby or pastime	,134	-,079	,075
	feeling hindered	,333	,122	,227
	changed appearance	,304	,351	,361
	stared at in the streets	,177	,417	,364
	people react unpleasantly	,287	,532	,211
	influence on self-confidence	,456	,543	,319
	influence on making friends	,381	,486	,111
	socially isolated	1,000	,153	-,021
	less often on photos	,153	1,000	,379
	mask changes in appearance	-,021	,379	1,000

Communalities

	Initial	Extraction
bicycling	1,000	,529
driving	1,000	,587
moving around the house	1,000	,600
walking outdoors	1,000	,488
reading	1,000	,404
watching TV	1,000	,332
hobby or pastime	1,000	,411
feeling hindered	1,000	,536
changed appearance	1,000	,590
stared at in the streets	1,000	,502
people react unpleasantly	1,000	,577
influence on self-confidence	1,000	,658
influence on making friends	1,000	,493
socially isolated	1,000	,239
less often on photos	1,000	,567
mask changes in appearance	1,000	,227

Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues		
	Total	% of Variance	Cumulative %
1	4,597	28,729	28,729
2	3,144	19,648	48,377
3	1,436	8,977	57,353
4	1,165	7,282	64,636
5	,944	5,902	70,538
6	,855	5,347	75,885
7	,743	4,647	80,531
8	,676	4,225	84,756
9	,564	3,528	88,284
10	,430	2,685	90,969
11	,368	2,298	93,267
12	,324	2,027	95,294
13	,259	1,616	96,910
14	,211	1,319	98,229
15	,165	1,029	99,258
16	,119	,742	100,000

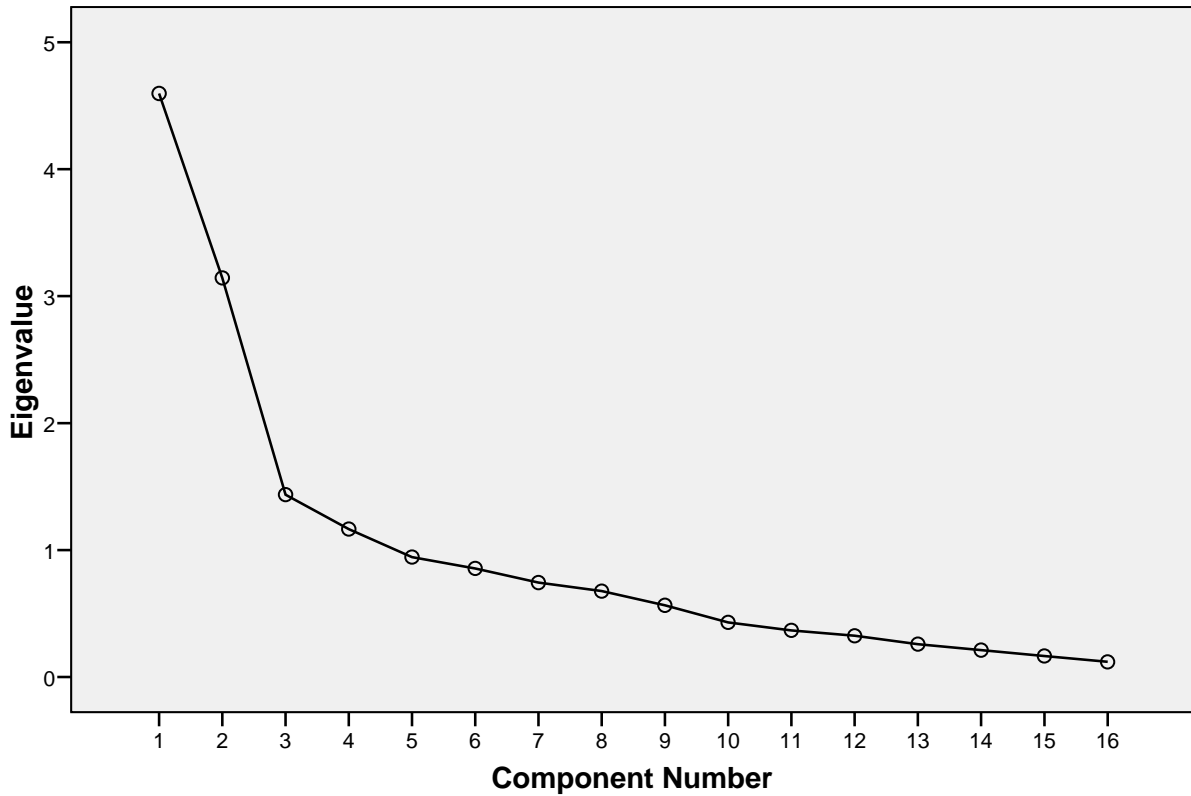
Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	4,597	28,729	28,729	3,881	24,259	24,259
2	3,144	19,648	48,377	3,859	24,117	48,377
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Extraction Method: Principal Component Analysis.

Scree Plot



Component Matrix^a

	Component	
	1	2
bicycling	,455	,567
driving	,472	,604
moving around the house	,611	,476
walking outdoors	,554	,425
reading	,511	,378
watching TV	,482	,316
hobby or pastime	,499	,402
feeling hindered	,702	,209
changed appearance	,643	-,419
stared at in the streets	,647	-,288
people react unpleasantly	,576	-,496
influence on self-confidence	,518	-,624
influence on making friends	,529	-,462
socially isolated	,416	-,257
less often on photos	,419	-,626
mask changes in appearance	,436	-,192

Extraction Method: Principal Component Analysis.

a. 2 components extracted.

Rotated Component Matrix^a

	Component	
	1	2
bicycling	-,073	,723
driving	-,088	,761
moving around the house	,102	,768
walking outdoors	,097	,692
reading	,099	,628
watching TV	,122	,563
hobby or pastime	,074	,637
feeling hindered	,353	,641
changed appearance	,753	,152
stared at in the streets	,664	,249
people react unpleasantly	,758	,050
influence on self-confidence	,807	-,081
influence on making friends	,701	,041
socially isolated	,477	,109
less often on photos	,738	-,152
mask changes in appearance	,445	,169

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 3 iterations.

Component Transformation Matrix

Component	1	2
1	,713	,702
2	-,702	,713

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

Component Plot in Rotated Space

