```
 compute cmeanbat = mean.3 (c_m12 to c_m30) .
compute dmeanbat = mean.3 (d_m12 to d_m30) .
compute emeanbat = mean.3 (e_m12 to e_m30) .
compute fmeanbat = mean.3 (f_m12 to f_m30) .
compute gmeanbat = mean.3 (g_m12 to g_m30) .
compute hmeanbat = mean.3 (h_m12 to h_m30) .
compute imeanbat = mean.3 (i_m12 to i_m30) .
compute kmeanbat = mean.3 (k_m12 to k_m30) .
compute nmeanbat = mean.3 (n_m12 to n_m30) .
compute omeanbat = mean.3 (o_m12 to o_m30).
compute rmeanbat = mean.3 (r_m12 to r_m30) .
compute smeanbat = mean.3 (s_m12 to s_m30) .
EXECUTE .

variable labels
cmeanbat 'nervozita (neuroticismus)'.
variable labels
dmeanbat 'pozitivni citove projevy'.
variable labels
emeanbat 'negativni citove projevy'.
variable labels
fmeanbat 'pozitivni socialni rekace (frekvence)'.
variable labels
gmeanbat 'pozitivni socialni rekace (intenzita)'.
variable labels
hmeanbat 'negativni socialni rekace (frekvence)'.
variable labels
imeanbat 'negativni socialni rekace (intenzita)'.
variable labels
kmeanbat 'obecna reakcni pohotovost'.
variable labels
nmeanbat 'aktivita obecne'.
variable labels
omeanbat 'agresivita vuci predmetum'.
variable labels
rmeanbat 'konformnost (poslusnost)'.
variable labels
smeanbat 'zajem o vysetreni'.



FACTOR
  /VARIABLES cmeanbat dmeanbat emeanbat fmeanbat gmeanbat hmeanbat imeanbat kmeanbat nmeanba
    omeanbat rmeanbat smeanbat
  /MISSING LISTWISE
  /ANALYSIS cmeanbat dmeanbat emeanbat fmeanbat gmeanbat hmeanbat imeanbat kmeanbat nmeanbat
    omeanbat rmeanbat smeanbat
  /PRINT INITIAL EXTRACTION ROTATION
  /FORMAT SORT BLANK(.3)
  /PLOT EIGEN
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION ML
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX.
```

Factor Analysis

[DataSet1] /Users/jelda/Desktop/pgs_stat/data_long.sav

Communalities

	Initial	Extraction
nervozita (neuroticismus)	.663	.668
pozitivni citove projevy	.655	.695
negativni citove projevy	.686	.719
pozitivni socialni rekace (frekvence)	.766	.821
pozitivni socialni rekace (intenzita)	.785	.848
negativni socialni rekace (frekvence)	.738	.813
negativni socialni rekace (intenzita)	.735	.809
obecna reakcni pohotovost	.501	.514
aktivita obecne	.564	.626
agresivita vuci predmetum	.440	.592
konformnost (poslusnost)	.487	.474
zajem o vysetreni	.513	.451

Extraction Method: Maximum Likelihood.

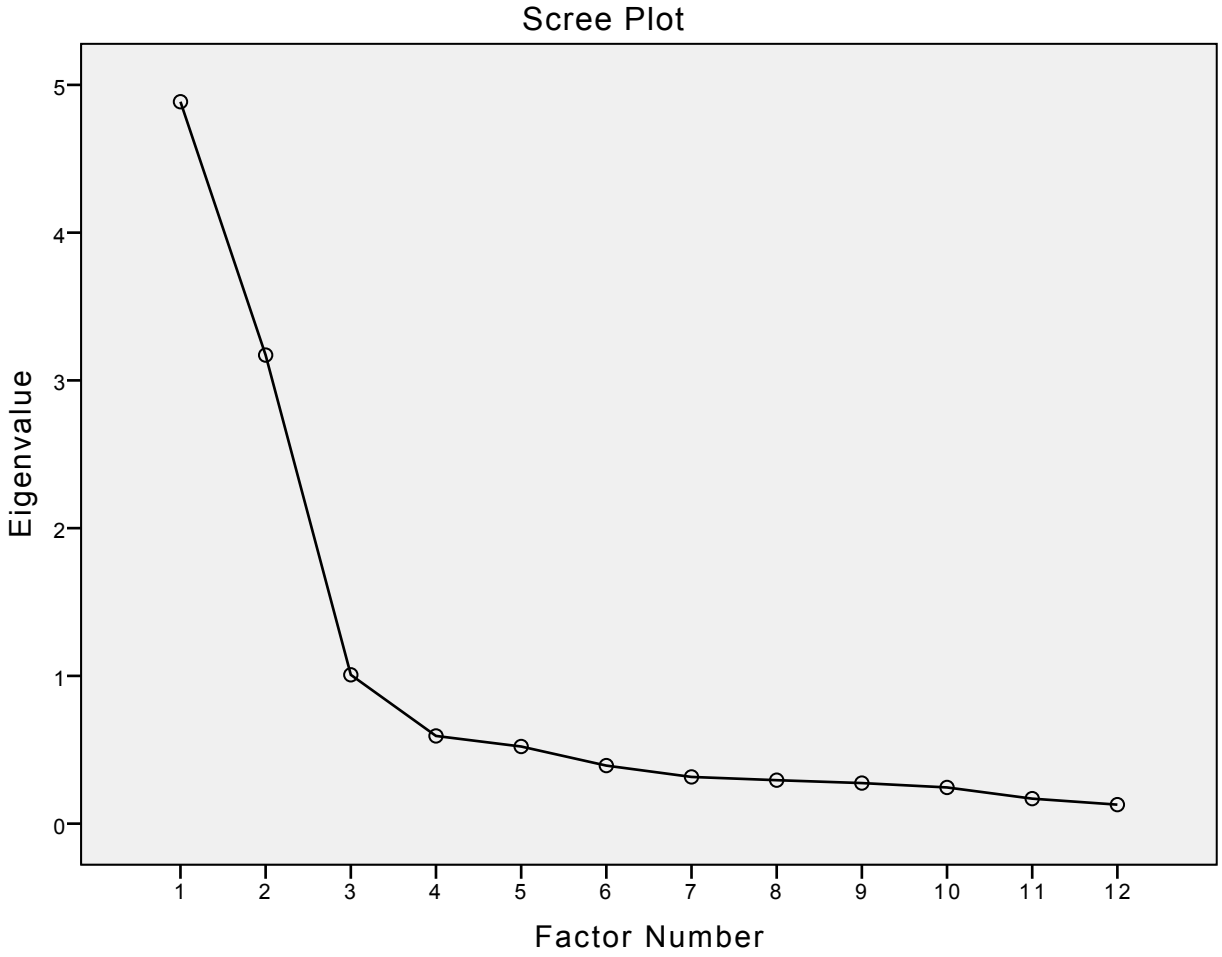
Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation ..
Factor	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	4.886	40.716	40.716	4.544	37.864	37.864	3.404
2	3.171	26.427	67.143	2.778	23.152	61.015	2.864
3	1.007	8.393	75.536	.709	5.909	66.925	1.764
4	.594	4.946	80.482				
5	.522	4.349	84.832				
6	.393	3.274	88.106				
7	.316	2.634	90.740				
8	.294	2.451	93.191				
9	.275	2.288	95.479				
10	.245	2.041	97.519				
11	.169	1.409	98.929				
12	.129	1.071	100.000				

Total Variance Explained

	Rotation Sums of Squared ...	
Factor	% of Variance	Cumulative %
1	28.363	28.363
2	23.866	52.229
3	14.696	66.925
4		
5		
6		
7		
8		
9		
10		
11		
12		

Extraction Method: Maximum Likelihood.



Factor Matrix[a]

	Factor		
	1	2	3
nervozita (neuroticismus)	-.809		
pozitivni socialni rekace (intenzita)	.777	.486	
pozitivni socialni rekace (frekvence)	.770	.454	
pozitivni citove projevy	.720	.420	
negativni socialni rekace (frekvence)	-.709	.525	
negativni citove projevy	-.699	.478	
zajem o vysetreni	.651		
negativni socialni rekace (intenzita)	-.648	.605	
konformnost (poslusnost)	.519		.359
obecna reakcni pohotovost		.688	
aktivita obecne		.675	-.340
agresivita vuci predmetum		.520	-.556

Extraction Method: Maximum Likelihood.

a. 3 factors extracted. 4 iterations required.

Goodness-of-fit Test

Chi-Square	df	Sig.
166.794	33	.000

Rotated Factor Matrix[a]

	Factor		
	1	2	3
pozitivni socialni rekace (intenzita)	.895		
pozitivni socialni rekace (frekvence)	.892		
pozitivni citove projevy	.781		
zajem o vysetreni	.595		
negativni socialni rekace (frekvence)		.861	
negativni socialni rekace (intenzita)		.857	
negativni citove projevy		.764	
nervozita (neuroticismus)	-.557	.597	
agresivita vuci predmetum			.756
aktivita obecne	.439		.648
obecna reakcni pohotovost		.377	.547
konformnost (poslusnost)	.370	-.333	-.475

Extraction Method: Maximum Likelihood.
Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 5 iterations.

Factor Transformation Matrix

Factor	1	2	3
1	.777	-.627	-.046
2	.540	.628	.559
3	.322	.460	-.828

Extraction Method: Maximum Likelihood.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
 /VARIABLES cmeanbat dmeanbat emeanbat fmeanbat gmeanbat
 hmeanbat imeanbat kmeanbat nmeanbat omeanbat rmeanbat smeanbat
/MISSING LISTWISE /ANALYSIS cmeanbat dmeanbat emeanbat
 fmeanbat gmeanbat hmeanbat imeanbat kmeanbat nmeanbat omeanbat
 rmeanbat smeanbat
 /PRINT INITIAL EXTRACTION ROTATION
 /FORMAT SORT BLANK(.10)
 /PLOT EIGEN
 /CRITERIA MINEIGEN(1) ITERATE(25)
 /EXTRACTION ML
 /CRITERIA ITERATE(25) DELTA(0)
 /ROTATION OBLIMIN.
```

Factor Analysis

[DataSet1] /Users/jelda/Desktop/pgs_stat/data_long.sav

Communalities

	Initial	Extraction
nervozita (neuroticismus)	.663	.668
pozitivni citove projevy	.655	.695
negativni citove projevy	.686	.719
pozitivni socialni rekace (frekvence)	.766	.821
pozitivni socialni rekace (intenzita)	.785	.848
negativni socialni rekace (frekvence)	.738	.813
negativni socialni rekace (intenzita)	.735	.809
obecna reakcni pohotovost	.501	.514
aktivita obecne	.564	.626
agresivita vuci predmetum	.440	.592
konformnost (poslusnost)	.487	.474
zajem o vysetreni	.513	.451

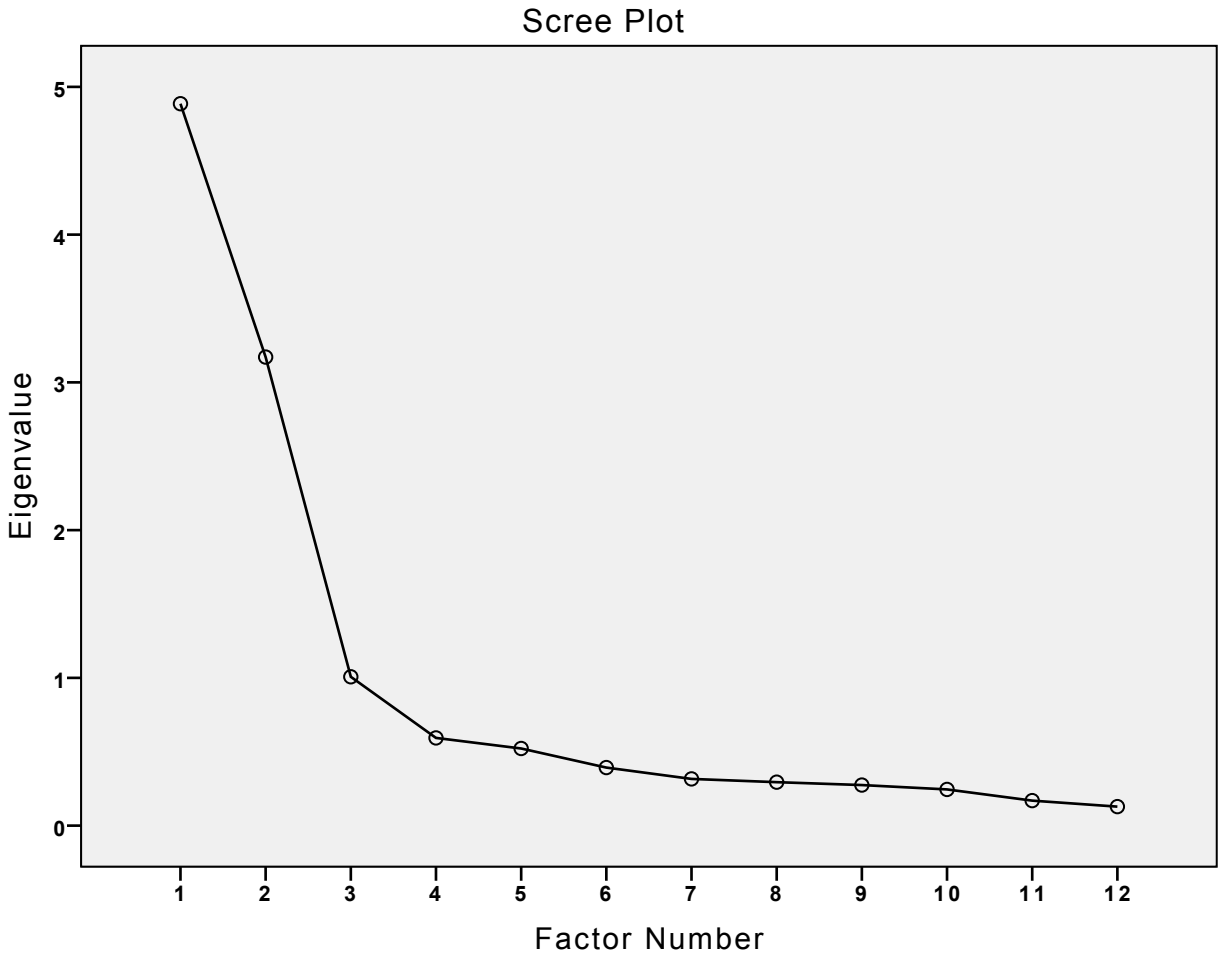
Extraction Method: Maximum Likelihood.

Total Variance Explained

	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
Factor	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	4.886	40.716	40.716	4.544	37.864	37.864	3.897
2	3.171	26.427	67.143	2.778	23.152	61.015	2.332
3	1.007	8.393	75.536	.709	5.909	66.925	3.817
4	.594	4.946	80.482				
5	.522	4.349	84.832				
6	.393	3.274	88.106				
7	.316	2.634	90.740				
8	.294	2.451	93.191				
9	.275	2.288	95.479				
10	.245	2.041	97.519				
11	.169	1.409	98.929				
12	.129	1.071	100.000				

Extraction Method: Maximum Likelihood.

a. When factors are correlated, sums of squared loadings cannot be added to obtain a total variance.



Factor Matrix[a]

	Factor		
	1	2	3
nervozita (neuroticismus)	-.809		
pozitivni socialni rekace (intenzita)	.777	.486	
pozitivni socialni rekace (frekvence)	.770	.454	.149
pozitivni citove projevy	.720	.420	
negativni socialni rekace (frekvence)	-.709	.525	.188
negativni citove projevy	-.699	.478	
zajem o vysetreni	.651		.147
negativni socialni rekace (intenzita)	-.648	.605	.153
konformnost (poslusnost)	.519	-.275	.359
obecna reakcni pohotovost		.688	-.193
aktivita obecne	.236	.675	-.340
agresivita vuci predmetum	-.110	.520	-.556

Extraction Method: Maximum Likelihood.

a. 3 factors extracted. 4 iterations required.

Goodness-of-fit Test

Chi-Square	df	Sig.
166.794	33	.000

Pattern Matrix[a]

	Factor		
	1	2	3
pozitivni socialni rekace (frekvence)	.926		
pozitivni socialni rekace (intenzita)	.917		
pozitivni citove projevy	.768	.151	
zajem o vysetreni	.585	-.144	-.162
agresivita vuci predmetum		.802	
aktivita obecne	.421	.598	
konformnost (poslusnost)	.379	-.497	-.158
obecna reakcni pohotovost	.322	.432	.353
negativni socialni rekace (frekvence)			.925
negativni socialni rekace (intenzita)			.919
negativni citove projevy	-.114		.768
nervozita (neuroticismus)	-.447		.560

Extraction Method: Maximum Likelihood.
Rotation Method: Oblimin with Kaiser Normalization.

a. Rotation converged in 11 iterations.

Structure Matrix

	Factor		
	1	2	3
pozitivni socialni rekace (intenzita)	.919	.184	-.281
pozitivni socialni rekace (frekvence)	.905	.121	-.285
pozitivni citove projevy	.824	.216	-.295
zajem o vysetreni	.620	-.133	-.427
agresivita vuci predmetum		.768	.319
aktivita obecne	.487	.686	.184
obecna reakcni pohotovost	.263	.637	.438
konformnost (poslusnost)	.362	-.514	-.512
negativni socialni rekace (frekvence)	-.334	.353	.900
negativni socialni rekace (intenzita)	-.248	.426	.897
negativni citove projevy	-.366	.407	.842
nervozita (neuroticismus)	-.646	.136	.689

Extraction Method: Maximum Likelihood.
Rotation Method: Oblimin with Kaiser Normalization.

Factor Correlation Matrix

Factor	1	2	3
1	1.000	.144	-.342
2	.144	1.000	.450
3	-.342	.450	1.000

Extraction Method: Maximum Likelihood.
Rotation Method: Oblimin with Kaiser Normalization.

```
FACTOR
 /VARIABLES cmeanbat dmeanbat emeanbat fmeanbat gmeanbat
 hmeanbat imeanbat kmeanbat nmeanbat omeanbat rmeanbat smeanbat
/MISSING LISTWISE /ANALYSIS cmeanbat dmeanbat emeanbat
 fmeanbat gmeanbat hmeanbat imeanbat kmeanbat nmeanbat omeanbat
 rmeanbat smeanbat
 /PRINT INITIAL EXTRACTION ROTATION
 /FORMAT SORT BLANK(.10)
 /PLOT EIGEN
 /CRITERIA MINEIGEN(1) ITERATE(25)
 /EXTRACTION ML
 /CRITERIA ITERATE(25) DELTA(0)
 /ROTATION OBLIMIN
/SAVE REG(ALL) .
```

Factor Analysis

[DataSet1] /Users/jelda/Desktop/pgs_stat/data_long.sav

Communalities

	Initial	Extraction
nervozita (neuroticismus)	.663	.668
pozitivni citove projevy	.655	.695
negativni citove projevy	.686	.719
pozitivni socialni rekace (frekvence)	.766	.821
pozitivni socialni rekace (intenzita)	.785	.848
negativni socialni rekace (frekvence)	.738	.813
negativni socialni rekace (intenzita)	.735	.809
obecna reakcni pohotovost	.501	.514
aktivita obecne	.564	.626
agresivita vuci predmetum	.440	.592
konformnost (poslusnost)	.487	.474
zajem o vysetreni	.513	.451

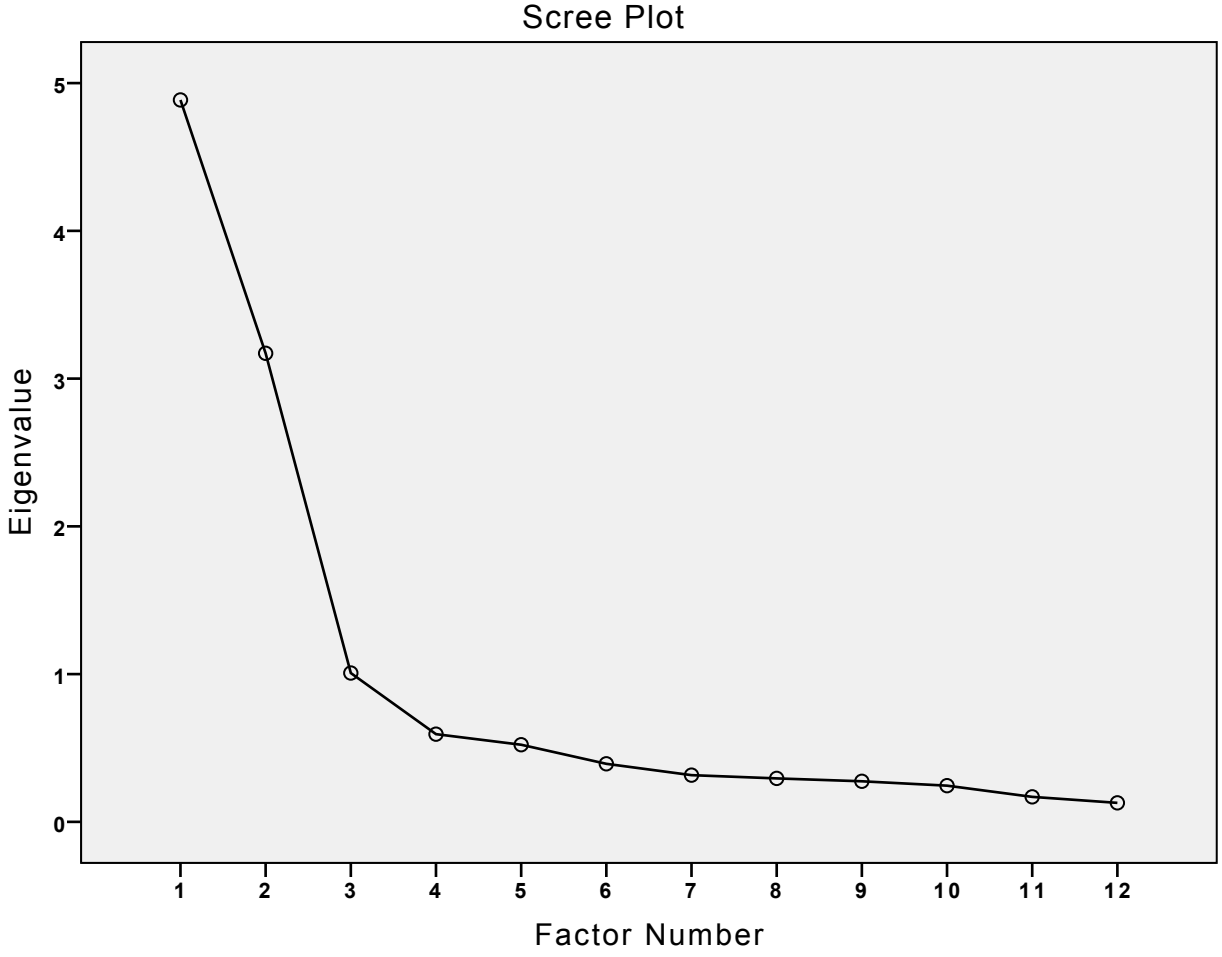
Extraction Method: Maximum Likelihood.

Total Variance Explained

Factor	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings[a]
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total
1	4.886	40.716	40.716	4.544	37.864	37.864	3.897
2	3.171	26.427	67.143	2.778	23.152	61.015	2.332
3	1.007	8.393	75.536	.709	5.909	66.925	3.817
4	.594	4.946	80.482				
5	.522	4.349	84.832				
6	.393	3.274	88.106				
7	.316	2.634	90.740				
8	.294	2.451	93.191				
9	.275	2.288	95.479				
10	.245	2.041	97.519				
11	.169	1.409	98.929				
12	.129	1.071	100.000				

Extraction Method: Maximum Likelihood.

a. When factors are correlated, sums of squared loadings cannot be added to obtain a total variance.



Factor Matrix[a]

	Factor		
	1	2	3
nervozita (neuroticismus)	-.809		
pozitivni socialni rekace (intenzita)	.777	.486	
pozitivni socialni rekace (frekvence)	.770	.454	.149
pozitivni citove projevy	.720	.420	
negativni socialni rekace (frekvence)	-.709	.525	.188
negativni citove projevy	-.699	.478	
zajem o vysetreni	.651		.147
negativni socialni rekace (intenzita)	-.648	.605	.153
konformnost (poslusnost)	.519	-.275	.359
obecna reakcni pohotovost		.688	-.193
aktivita obecne	.236	.675	-.340
agresivita vuci predmetum	-.110	.520	-.556

Extraction Method: Maximum Likelihood.

a. 3 factors extracted. 4 iterations required.

Goodness-of-fit Test

Chi-Square	df	Sig.
166.794	33	.000

Pattern Matrix[a]

	Factor		
	1	2	3
pozitivni socialni rekace (frekvence)	.926		
pozitivni socialni rekace (intenzita)	.917		
pozitivni citove projevy	.768	.151	
zajem o vysetreni	.585	-.144	-.162
agresivita vuci predmetum		.802	
aktivita obecne	.421	.598	
konformnost (poslusnost)	.379	-.497	-.158
obecna reakcni pohotovost	.322	.432	.353
negativni socialni rekace (frekvence)			.925
negativni socialni rekace (intenzita)			.919
negativni citove projevy	-.114		.768
nervozita (neuroticismus)	-.447		.560

Extraction Method: Maximum Likelihood.
Rotation Method: Oblimin with Kaiser Normalization.

a. Rotation converged in 11 iterations.

Structure Matrix

	Factor		
	1	2	3
pozitivni socialni rekace (intenzita)	.919	.184	-.281
pozitivni socialni rekace (frekvence)	.905	.121	-.285
pozitivni citove projevy	.824	.216	-.295
zajem o vysetreni	.620	-.133	-.427
agresivita vuci predmetum		.768	.319
aktivita obecne	.487	.686	.184
obecna reakcni pohotovost	.263	.637	.438
konformnost (poslusnost)	.362	-.514	-.512
negativni socialni rekace (frekvence)	-.334	.353	.900
negativni socialni rekace (intenzita)	-.248	.426	.897
negativni citove projevy	-.366	.407	.842
nervozita (neuroticismus)	-.646	.136	.689

Extraction Method: Maximum Likelihood.
Rotation Method: Oblimin with Kaiser Normalization.

Factor Correlation Matrix

Factor	1	2	3
1	1.000	.144	-.342
2	.144	1.000	.450
3	-.342	.450	1.000

Extraction Method: Maximum Likelihood.
Rotation Method: Oblimin with Kaiser Normalization.

```
 variable labels
fac1_1 'pozitivni afektivita'.
variable labels
fac2_1 'disinhibice'.
variable labels
fac3_1 'negativni afektivita'.


CORRELATIONS
  /VARIABLES= sex_female with  FAC1_1 FAC2_1 FAC3_1
  /PRINT=TWOTAIL NOSIG
  /MISSING=PAIRWISE .
```

Correlations

```
[DataSet1] /Users/jelda/Desktop/pgs_stat/data_long.sav
```

Correlations

		pozitivni afektivita	disinhibice	negativni afektivita
sex_female	Pearson Correlation	.116*	-.178**	-.146**
	Sig. (2-tailed)	.023	.000	.004
	N	386	386	386

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

```
CORRELATIONS
 /VARIABLES= E_EOD40 N_EOD40 N_NEOFFI E_NEOFFI O_NEOFFI P_NEOFFI S_NEOFFI self_esteem life_
   self_efficacy with  FAC1_1 FAC2_1 FAC3_1
 /PRINT=TWOTAIL NOSIG
 /MISSING=PAIRWISE .
```

Correlations

```
[DataSet1] /Users/jelda/Desktop/pgs_stat/data_long.sav
```

Correlations

		pozitivni afektivita	disinhibice	negativni afektivita
E_EOD40	Pearson Correlation	.199	.246*	.073
	Sig. (2-tailed)	.094	.037	.543
	N	72	72	72
N_EOD40	Pearson Correlation	-.098	-.067	.043
	Sig. (2-tailed)	.413	.578	.718
	N	72	72	72
N_NEOFFI	Pearson Correlation	.016	-.090	-.066
	Sig. (2-tailed)	.894	.450	.580
	N	73	73	73
E_NEOFFI	Pearson Correlation	.134	.213	.002
	Sig. (2-tailed)	.258	.070	.987
	N	73	73	73
O_NEOFFI	Pearson Correlation	.087	.001	-.050
	Sig. (2-tailed)	.466	.991	.672
	N	73	73	73
P_NEOFFI	Pearson Correlation	.193	.002	-.214
	Sig. (2-tailed)	.102	.990	.069
	N	73	73	73
S_NEOFFI	Pearson Correlation	.100	.058	-.028
	Sig. (2-tailed)	.402	.623	.811
	N	73	73	73
self_esteem	Pearson Correlation	.027	.091	.075
	Sig. (2-tailed)	.820	.437	.520
	N	75	75	75
life_satisfaction	Pearson Correlation	.184	.054	-.044
	Sig. (2-tailed)	.114	.646	.705
	N	75	75	75
self_efficacy	Pearson Correlation	.043	.341**	.209
	Sig. (2-tailed)	.714	.003	.072
	N	75	75	75

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

```
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT E_EOD40
  /METHOD=ENTER FAC1_1 FAC2_1 FAC3_1.
```

Regression

[DataSet1] /Users/jelda/Desktop/pgs_stat/data_long.sav

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	negativni afektivita, pozitivni afektivita, disinhibice[b]	.	Enter

a. Dependent Variable: E_EOD40

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.279[a]	.078	.037	3.75738

a. Predictors: (Constant), negativni afektivita, pozitivni afektivita, disinhibice

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	80.957	3	26.986	1.911	.136[b]
	Residual	960.018	68	14.118		
	Total	1040.975	71			

a. Dependent Variable: E_EOD40

b. Predictors: (Constant), negativni afektivita, pozitivni afektivita, disinhibice

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	10.743	.449		23.942	.000
	pozitivni afektivita	.577	.520	.155	1.109	.271
	disinhibice	.847	.700	.174	1.209	.231
	negativni afektivita	.243	.633	.054	.384	.702

a. Dependent Variable: E_EOD40

```
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT self_efficacy
  /METHOD=ENTER FAC1_1 FAC2_1 FAC3_1 .
```

Regression

[DataSet1] /Users/jelda/Desktop/pgs_stat/data_long.sav

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	negativni afektivita, pozitivni afektivita, disinhibice[b]	.	Enter

a. Dependent Variable: self_efficacy

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.361[a]	.130	.093	4.76715

a. Predictors: (Constant), negativni afektivita, pozitivni afektivita, disinhibice

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	241.220	3	80.407	3.538	.019[b]
	Residual	1613.528	71	22.726		
	Total	1854.748	74			

a. Dependent Variable: self_efficacy

b. Predictors: (Constant), negativni afektivita, pozitivni afektivita, disinhibice

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	29.611	.559		52.970	.000
	pozitivni afektivita	-.233	.654	-.048	-.357	.722
	disinhibice	2.009	.815	.329	2.464	.016
	negativni afektivita	.541	.744	.095	.727	.470

a. Dependent Variable: self_efficacy