```
EXAMINE VARIABLES=tlifesat
  /ID=id
  /PLOT BOXPLOT HISTOGRAM NPPLOT
  /COMPARE GROUPS
  /STATISTICS DESCRIPTIVES EXTREME
  /CINTERVAL 95
  /MISSING PAIRWISE
  /NOTOTAL.
```

Explore

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Total life satisfaction	436	99.3%	3	0.7%	439	100.0%

Descriptives

			Statistic	Std. Error
Total life satisfaction	Mean		22.38	.324
	95% Confidence Interval for Mean	Lower Bound	21.74	
		Upper Bound	23.02	
	5% Trimmed Mean		22.52	
	Median		23.00	
	Variance		45.827	
	Std. Deviation		6.770	
	Minimum		5	
	Maximum		35	
	Range		30	
	Interquartile Range		9	
	Skewness		-.323	.117
	Kurtosis		-.450	.233

Extreme Values

			Case Number	id	Value
Total life satisfaction	Highest	1	69	119	35
		2	82	546	35
		3	112	538	35
		4	186	201	35
		5	213	13	35[a]
	Lowest	1	41	7	5
		2	30	434	5
		3	13	183	5
		4	10	24	5
		5	7	341	5

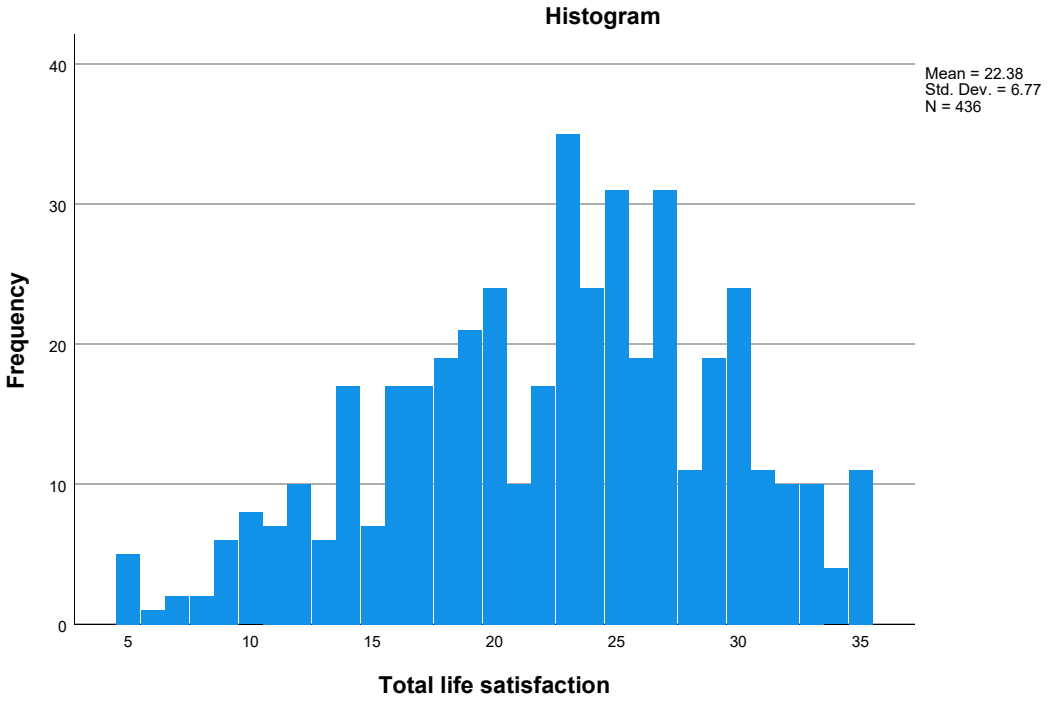
a. Only a partial list of cases with the value 35 are shown in the table of upper extremes.

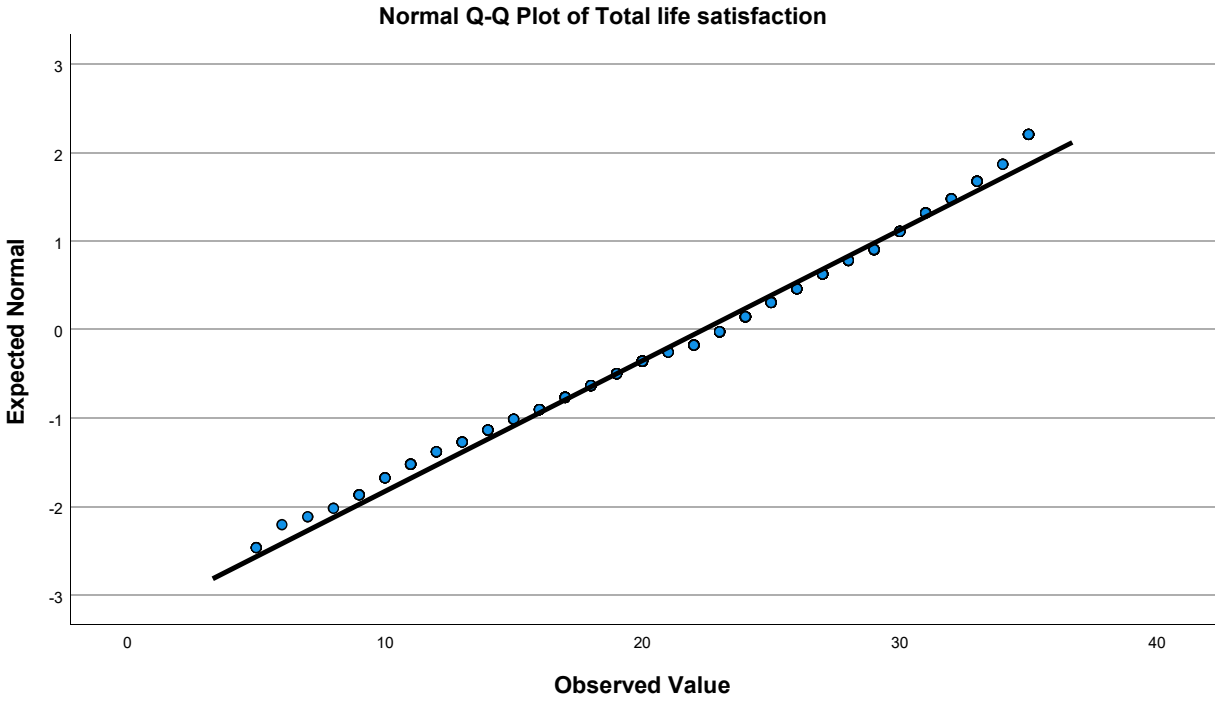
Tests of Normality

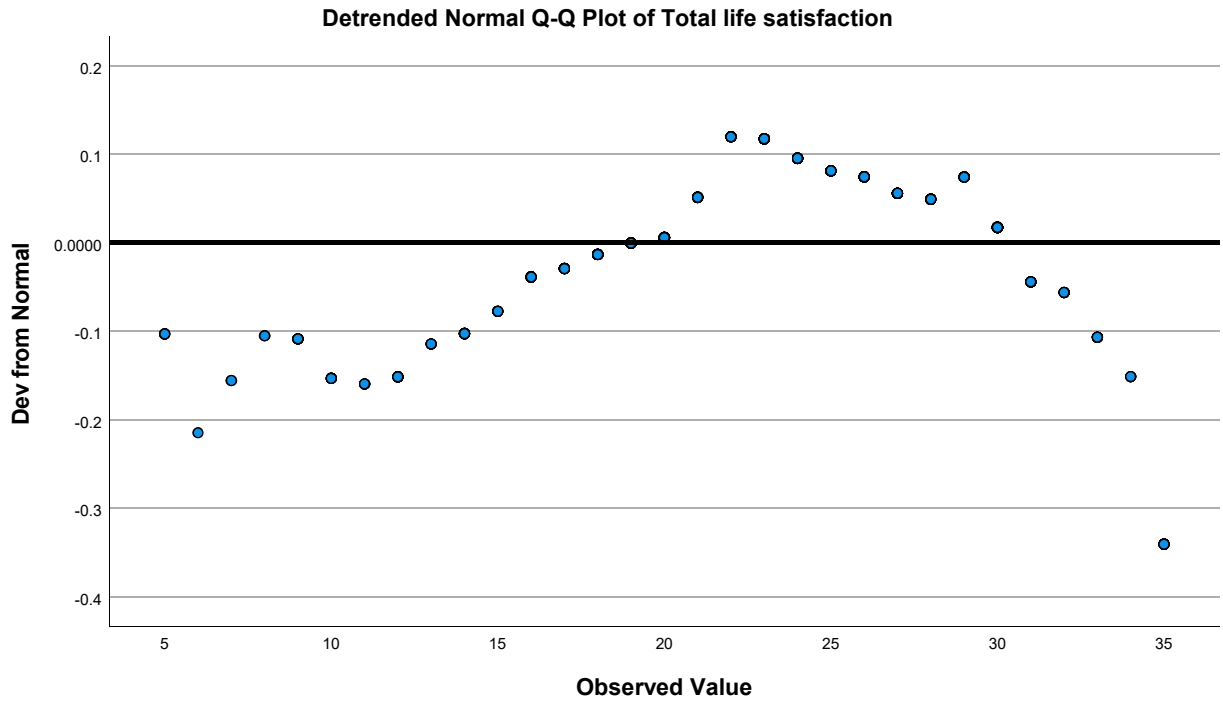
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Total life satisfaction	.087	436	.000	.982	436	.000

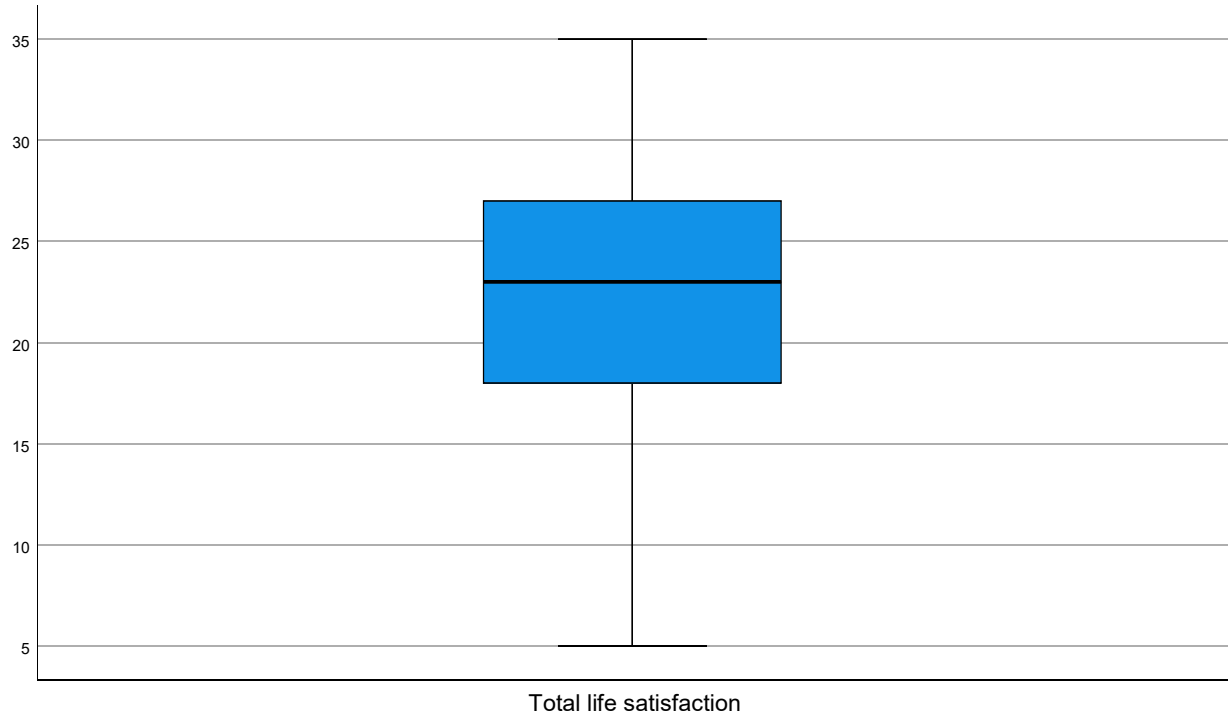
a. Lilliefors Significance Correction

Total life satisfaction


Histogram
Mean = 22.38
Std. Dev. = 6.77
N = 436
Frequency
Total life satisfaction


Normal Q-Q Plot of Total life satisfaction
Expected Normal
Observed Value






```
RELIABILITY
  /VARIABLES=pss1 pss2 pss3 pss4 pss5 pss6 pss7 pss8 pss9 pss10
  /SCALE('Perceived stress') ALL
  /MODEL=ALPHA
```

```
/STATISTICS=DESCRIPTIVE SCALE CORR
/SUMMARY=TOTAL CORR.
```

Reliability

Scale: Perceived stress

Case Processing Summary

		N	%
Cases	Valid	433	98.6
	Excluded[a]	6	1.4
	Total	439	100.0

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

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.360	.287	10

Item Statistics

	Mean	Std. Deviation	N
pss1	2.84	.876	433
pss2	2.74	.959	433
pss3	3.16	.926	433
pss4	3.80	.783	433
pss5	3.47	.805	433
pss6	2.77	.957	433
pss7	3.54	.751	433
pss8	3.54	.805	433
pss9	3.05	.992	433
pss10	2.51	1.014	433

Inter-Item Correlation Matrix

	pss1	pss2	pss3	pss4	pss5	pss6	pss7	pss8
pss1	1.000	.445	.409	-.189	-.289	.281	-.232	-.266
pss2	.445	1.000	.485	-.343	-.388	.357	-.332	-.433
pss3	.409	.485	1.000	-.307	-.288	.475	-.318	-.424
pss4	-.189	-.343	-.307	1.000	.485	-.208	.466	.526
pss5	-.289	-.388	-.288	.485	1.000	-.241	.361	.625
pss6	.281	.357	.475	-.208	-.241	1.000	-.281	-.413
pss7	-.232	-.332	-.318	.466	.361	-.281	1.000	.483
pss8	-.266	-.433	-.424	.526	.625	-.413	.483	1.000
pss9	.430	.363	.405	-.212	-.230	.277	-.245	-.246
pss10	.374	.483	.535	-.329	-.356	.528	-.394	-.482

Inter-Item Correlation Matrix

	pss9	pss10
pss1	.430	.374
pss2	.363	.483
pss3	.405	.535
pss4	-.212	-.329
pss5	-.230	-.356
pss6	.277	.528
pss7	-.245	-.394
pss8	-.246	-.482
pss9	1.000	.393
pss10	.393	1.000

Summary Item Statistics

	Mean	Minimum	Maximum	Range	Maximum / Minimum	Variance
Inter-Item Correlations	.039	-.482	.625	1.107	-1.296	.147

Summary Item Statistics

	N of Items
Inter-Item Correlations	10

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
pss1	28.58	9.032	.370	.316	.231
pss2	28.67	9.193	.281	.399	.265
pss3	28.25	8.720	.397	.435	.211
pss4	27.61	11.697	-.105	.378	.420
pss5	27.94	11.997	-.161	.447	.441
pss6	28.64	9.037	.312	.356	.250
pss7	27.87	12.208	-.195	.326	.445
pss8	27.88	12.535	-.252	.559	.470
pss9	28.36	8.718	.349	.280	.227
pss10	28.90	8.786	.322	.477	.239

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
31.41	11.747	3.427	10

```
CROSSTABS
  /TABLES=sex BY educ
  /FORMAT=AVALUE TABLES
  /STATISTICS=CHISQ PHI
  /CELLS=COUNT ROW COLUMN TOTAL
  /COUNT ROUND CELL.
```

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
sex * highest educ completed	439	100.0%	0	0.0%	439	100.0%

sex * highest educ completed Crosstabulation

			highest educ completed		
			PRIMARY	SOME SECONDARY	COMPLETED HIGHSCHOOL
sex	MALES	Count	0	12	38
		% within sex	0.0%	6.5%	20.5%
		% within highest educ completed	0.0%	22.6%	44.7%
		% of Total	0.0%	2.7%	8.7%
	FEMALES	Count	2	41	47
		% within sex	0.8%	16.1%	18.5%
		% within highest educ completed	100.0%	77.4%	55.3%
		% of Total	0.5%	9.3%	10.7%
Total		Count	2	53	85
		% within sex	0.5%	12.1%	19.4%
		% within highest educ completed	100.0%	100.0%	100.0%
		% of Total	0.5%	12.1%	19.4%

sex * highest educ completed Crosstabulation

			highest educ completed		
			SOME ADDITIONAL TRAINING	COMPLETED UNDERGRADUATE	POSTGRADUATE COMPLETED
sex	MALES	Count	49	54	32
		% within sex	26.5%	29.2%	17.3%
		% within highest educ completed	40.8%	43.9%	57.1%
		% of Total	11.2%	12.3%	7.3%
	FEMALES	Count	71	69	24
		% within sex	28.0%	27.2%	9.4%
		% within highest educ completed	59.2%	56.1%	42.9%
		% of Total	16.2%	15.7%	5.5%
Total		Count	120	123	56
		% within sex	27.3%	28.0%	12.8%
		% within highest educ completed	100.0%	100.0%	100.0%
		% of Total	27.3%	28.0%	12.8%

sex * highest educ completed Crosstabulation

			Total
sex	MALES	Count	185
		% within sex	100.0%
		% within highest educ completed	42.1%
		% of Total	42.1%
	FEMALES	Count	254
		% within sex	100.0%
		% within highest educ completed	57.9%
		% of Total	57.9%
Total		Count	439
		% within sex	100.0%
		% within highest educ completed	100.0%
		% of Total	100.0%

Chi-Square Tests

	Value	df	Asymptotic Significance (2-sided)
Pearson Chi-Square	15.361[a]	5	.009
Likelihood Ratio	16.647	5	.005
Linear-by-Linear Association	9.933	1	.002
N of Valid Cases	439		

a. 2 cells (16.7%) have expected count less than 5. The minimum expected count is .84.

Symmetric Measures

		Value	Approximate Significance
Nominal by Nominal	Phi	.187	.009
	Cramer's V	.187	.009
N of Valid Cases		439	

```
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT tslfest
  /METHOD=ENTER tlifesat toptim
  /SCATTERPLOT=(*ZRESID ,*ZPRED)
  /RESIDUALS NORMPROB(ZRESID)
  /CASEWISE PLOT(ZRESID) OUTLIERS(3)
  /SAVE MAHAL COOK.

REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT tslfest
  /METHOD=ENTER toptim tlifesat
  /SCATTERPLOT=(*ZRESID ,*ZPRED)
  /RESIDUALS NORMPROB(ZRESID)
  /CASEWISE PLOT(ZRESID) OUTLIERS(3)
  /SAVE MAHAL COOK.

REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING PAIRWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT tslfest
  /METHOD=ENTER tlifesat toptim
  /SCATTERPLOT=(*ZRESID ,*ZPRED)
  /RESIDUALS NORMPROB(ZRESID)
  /CASEWISE PLOT(ZRESID) OUTLIERS(3)
  /SAVE MAHAL COOK.

REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING PAIRWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT tslfest
  /METHOD=ENTER toptim tlifesat
  /SCATTERPLOT=(*ZRESID ,*ZPRED)
  /RESIDUALS NORMPROB(ZRESID)
  /CASEWISE PLOT(ZRESID) OUTLIERS(3)
```

```
/SAVE MAHAL COOK.
```

Regression

Descriptive Statistics

	Mean	Std. Deviation	N
Total Self esteem	33.53	5.395	436
Total Optimism	22.12	4.429	435
Total life satisfaction	22.38	6.770	436

Correlations

		Total Self esteem	Total Optimism	Total life satisfaction
Pearson Correlation	Total Self esteem	1.000	.565	.488
	Total Optimism	.565	1.000	.483
	Total life satisfaction	.488	.483	1.000
Sig. (1-tailed)	Total Self esteem	.	.000	.000
	Total Optimism	.000	.	.000
	Total life satisfaction	.000	.000	.
N	Total Self esteem	436	433	434
	Total Optimism	433	435	435
	Total life satisfaction	434	435	436

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Total life satisfaction, Total Optimism[b]	.	Enter

a. Dependent Variable: Total Self esteem

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics		
					R Square Change	F Change	df1
1	.616[a]	.380	.377	4.259	.380	131.582	2

Model Summary[b]

Model	Change Statistics	
	df2	Sig. F Change
1	430	.000

a. Predictors: (Constant), Total life satisfaction, Total Optimism

b. Dependent Variable: Total Self esteem

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	4773.503	2	2386.751	131.582	.000[b]
	Residual	7799.733	430	18.139		
	Total	12573.236	432			

a. Dependent Variable: Total Self esteem

b. Predictors: (Constant), Total life satisfaction, Total Optimism

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	16.958	1.064		15.934	.000
	Total Optimism	.523	.053	.429	9.895	.000
	Total life satisfaction	.224	.035	.281	6.475	.000

Coefficients[a]

Model		95.0% Confidence Interval for B		Correlations		
		Lower Bound	Upper Bound	Zero-order	Partial	Part
1	(Constant)	14.866	19.050			
	Total Optimism	.419	.627	.565	.431	.376
	Total life satisfaction	.156	.292	.488	.298	.246

Coefficients[a]

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	Total Optimism	.767	1.304
	Total life satisfaction	.767	1.304

a. Dependent Variable: Total Self esteem

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	Total Optimism	Total life satisfaction
1	1	2.936	1.000	.00	.00	.01
	2	.046	8.024	.23	.05	.91
	3	.018	12.623	.76	.95	.09

a. Dependent Variable: Total Self esteem

Casewise Diagnostics[a]

Case Number	Std. Residual	Total Self esteem	Predicted Value	Residual
435	-3.770	18	34.06	-16.058

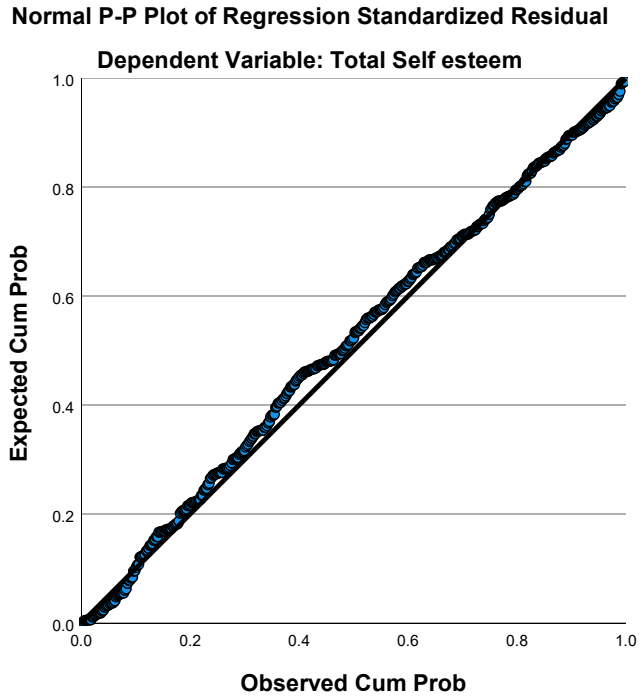
a. Dependent Variable: Total Self esteem

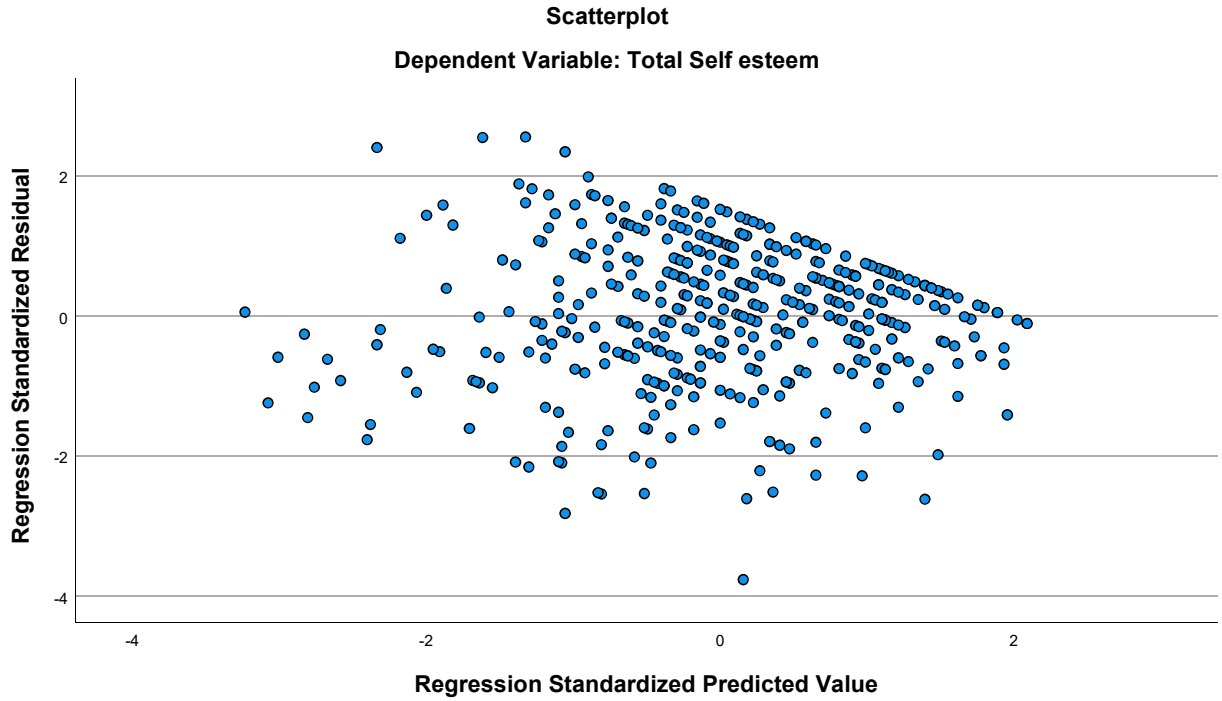
Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	22.78	40.48	33.54	3.322	435
Std. Predicted Value	-3.234	2.090	.002	.999	435
Standard Error of Predicted Value	.205	.825	.339	.105	435
Adjusted Predicted Value	22.78	40.49	33.54	3.327	433
Residual	-16.058	10.870	.028	4.257	433
Std. Residual	-3.770	2.552	.007	.999	433
Stud. Residual	-3.776	2.561	.006	1.003	433
Deleted Residual	-16.103	10.944	.026	4.287	433
Stud. Deleted Residual	-3.835	2.578	.006	1.006	433
Mahal. Distance	.003	15.196	1.992	2.077	435
Cook's Distance	.000	.040	.002	.004	433
Centered Leverage Value	.000	.035	.005	.005	435

a. Dependent Variable: Total Self esteem

Charts






```
FACTOR
  /VARIABLES pss1 pss2 pss3 pss4 pss5 pss6 pss7 pss8 pss9 pss10
  /MISSING PAIRWISE
  /ANALYSIS pss1 pss2 pss3 pss4 pss5 pss6 pss7 pss8 pss9 pss10
  /PRINT INITIAL CORRELATION KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(0.3)
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.

FACTOR
  /VARIABLES pss1 pss2 pss3 pss4 pss5 pss6 pss7 pss8 pss9 pss10
  /MISSING PAIRWISE
  /ANALYSIS pss1 pss2 pss3 pss4 pss5 pss6 pss7 pss8 pss9 pss10
  /PRINT INITIAL CORRELATION KMO EXTRACTION ROTATION
  /FORMAT SORT BLANK(0.3)
  /PLOT EIGEN
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25) DELTA(0)
  /ROTATION OBLIMIN
  /METHOD=CORRELATION.
```

Factor Analysis

Correlation Matrix

		pss1	pss2	pss3	pss4	pss5	pss6	pss7
Correlation	pss1	1.000	.445	.409	-.189	-.289	.281	-.232
	pss2	.445	1.000	.485	-.343	-.388	.357	-.332
	pss3	.409	.485	1.000	-.307	-.288	.475	-.318
	pss4	-.189	-.343	-.307	1.000	.485	-.208	.466
	pss5	-.289	-.388	-.288	.485	1.000	-.241	.361
	pss6	.281	.357	.475	-.208	-.241	1.000	-.281
	pss7	-.232	-.332	-.318	.466	.361	-.281	1.000
	pss8	-.266	-.433	-.424	.526	.625	-.413	.483
	pss9	.430	.363	.405	-.212	-.230	.277	-.245
	pss10	.374	.483	.535	-.329	-.356	.528	-.394

Correlation Matrix

		pss8	pss9	pss10
Correlation	pss1	-.266	.430	.374
	pss2	-.433	.363	.483
	pss3	-.424	.405	.535
	pss4	.526	-.212	-.329
	pss5	.625	-.230	-.356
	pss6	-.413	.277	.528
	pss7	.483	-.245	-.394
	pss8	1.000	-.246	-.482
	pss9	-.246	1.000	.393
	pss10	-.482	.393	1.000

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.881
Bartlett's Test of Sphericity	Approx. Chi-Square	1480.357
	df	45
	Sig.	.000

Communalities

	Initial	Extraction
pss1	1.000	.508
pss2	1.000	.527
pss3	1.000	.600
pss4	1.000	.643
pss5	1.000	.612
pss6	1.000	.443
pss7	1.000	.497
pss8	1.000	.717
pss9	1.000	.490
pss10	1.000	.599

Extraction Method: Principal Component Analysis.

Total Variance Explained

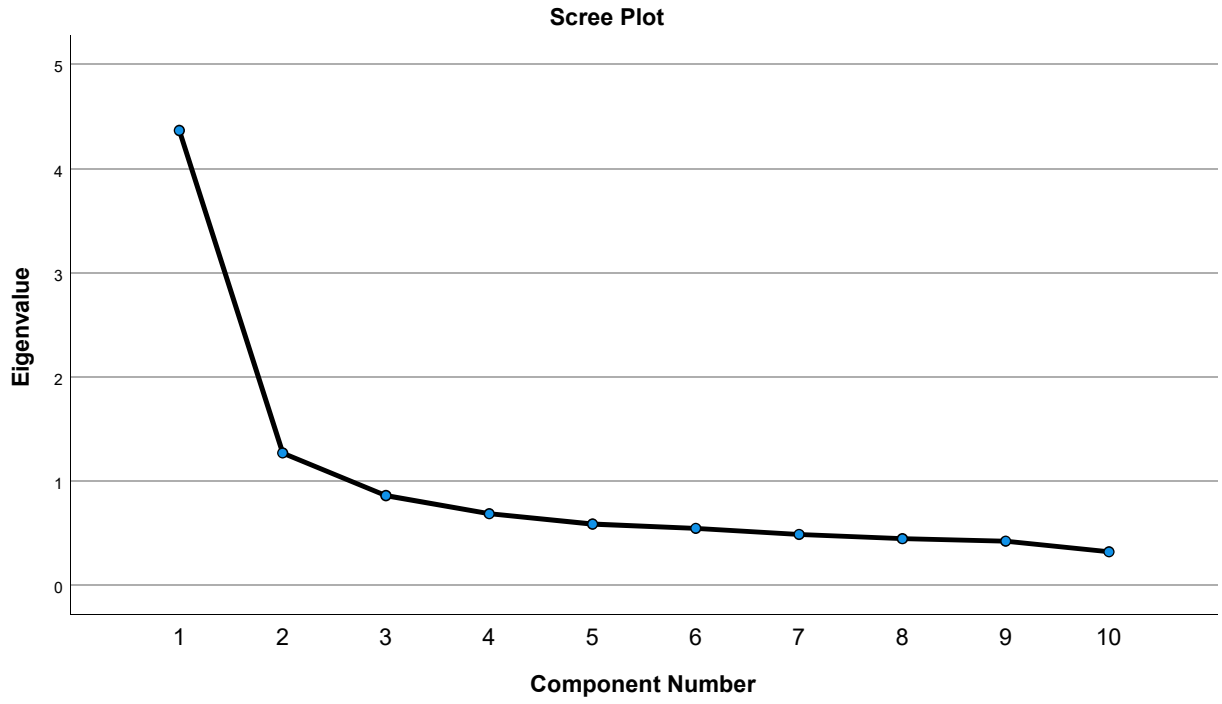
	Initial Eigenvalues			Extraction Sums of Squared Loadings		
Component	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	4.365	43.650	43.650	4.365	43.650	43.650
2	1.271	12.709	56.358	1.271	12.709	56.358
3	.861	8.612	64.970			
4	.687	6.869	71.839			
5	.588	5.877	77.717			
6	.547	5.472	83.189			
7	.488	4.884	88.073			
8	.447	4.472	92.544			
9	.424	4.240	96.785			
10	.322	3.215	100.000			

Total Variance Explained

Component	Rotation Sums of Squared Loadings[a] Total
1	3.686
2	3.395
3	
4	
5	
6	
7	
8	
9	
10	

Extraction Method: Principal Component Analysis.

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



Component Matrix[a]

	Component	
	1	2
pss8	-.757	.379
pss10	.752	
pss3	.712	.303
pss2	.709	
pss5	-.650	.435
pss7	-.621	.334
pss6	.618	
pss4	-.615	.515
pss1	.580	.414
pss9	.558	.422

Extraction Method: Principal Component Analysis.

a. 2 components extracted.

Pattern Matrix[a]

	Component	
	1	2
pss1	.756	
pss9	.750	
pss3	.737	
pss10	.650	
pss6	.625	
pss2	.595	
pss4		.841
pss8		.781
pss5		.780
pss7		.664

Extraction Method: Principal Component Analysis.
Rotation Method: Oblimin with Kaiser Normalization.[a]

a. Rotation converged in 5 iterations.

Structure Matrix

	Component	
	1	2
pss3	.772	-.420
pss10	.751	-.519
pss1	.706	
pss2	.699	-.501
pss9	.691	
pss6	.662	-.373
pss8	-.491	.840
pss4	-.302	.798
pss5	-.371	.782
pss7	-.392	.702

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

Component Correlation Matrix

Component	1	2
1	1.000	-.470
2	-.470	1.000

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

```
T-TEST GROUPS=sex(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=tlifesat
  /ES DISPLAY(TRUE)
  /CRITERIA=CI(.95).

T-TEST GROUPS=sex(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=tlifesat
  /ES DISPLAY(FALSE)
  /CRITERIA=CI(.95).
```

T-Test

Group Statistics

	sex	N	Mean	Std. Deviation	Std. Error Mean
Total life satisfaction	MALES	185	21.67	6.525	.480
	FEMALES	251	22.90	6.911	.436

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
Total life satisfaction	Equal variances assumed	.706	.401	-1.881	434
	Equal variances not assumed			-1.897	408.528

Independent Samples Test

		t-test for Equality of Means		
		Sig. (2-tailed)	Mean Difference	Std. Error Difference
Total life satisfaction	Equal variances assumed	.061	-1.230	.654
	Equal variances not assumed	.059	-1.230	.648

Independent Samples Test

		t-test for Equality of Means	
		95% Confidence Interval of the Difference	
		Lower	Upper
Total life satisfaction	Equal variances assumed	-2.516	.055
	Equal variances not assumed	-2.505	.044

```
ONEWAY tslfest BY agegp3
  /STATISTICS DESCRIPTIVES HOMOGENEITY BROWNFORSYTHE WELCH
  /PLOT MEANS
  /MISSING ANALYSIS
```

```
  /CRITERIA=CILEVEL(0.95)
  /POSTHOC=TUKEY ALPHA(0.05).

ONEWAY tslfest BY agegp3
  /STATISTICS DESCRIPTIVES EFFECTS HOMOGENEITY BROWNFORSYTHE WELCH
  /PLOT MEANS
  /MISSING ANALYSIS
  /CRITERIA=CILEVEL(0.95)
  /POSTHOC=TUKEY ALPHA(0.05).
```

Oneway

Descriptives

Total Self esteem

		N	Mean	Std. Deviation	Std. Error	95% Confidence ... Lower Bound
18 - 29		149	32.60	5.589	.458	31.69
30 - 44		152	33.59	5.288	.429	32.74
45+		135	34.50	5.151	.443	33.63
Total		436	33.53	5.395	.258	33.02
Model	Fixed Effects			5.352	.256	33.03
	Random Effects				.545	31.19

Descriptives

Total Self esteem

		95% Confidence Interval for Mean Upper Bound	Minimum	Maximum	Between-Component Variance
18 - 29		33.50	18	40	
30 - 44		34.43	18	40	
45+		35.38	20	40	
Total		34.04	18	40	
Model	Fixed Effects	34.04			
	Random Effects	35.88			.692

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
Total Self esteem	Based on Mean	1.303	2	433	.273
	Based on Median	.975	2	433	.378
	Based on Median and with adjusted df	.975	2	432.870	.378
	Based on trimmed mean	1.444	2	433	.237

ANOVA

Total Self esteem

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	258.075	2	129.038	4.505	.012
Within Groups	12402.475	433	28.643		
Total	12660.550	435			

Robust Tests of Equality of Means

Total Self esteem

	Statistic[a]	df1	df2	Sig.
Welch	4.463	2	287.542	.012
Brown-Forsythe	4.520	2	431.304	.011

a. Asymptotically F distributed.

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Total Self esteem

Tukey HSD

(I) age 3 groups	(J) age 3 groups	Mean Difference (I-J)	Std. Error	Sig.	95% ... Lower Bound
18 - 29	30 - 44	-.988	.617	.246	-2.44
	45+	-1.906*	.636	.008	-3.40
30 - 44	18 - 29	.988	.617	.246	-.46
	45+	-.918	.633	.316	-2.41
45+	18 - 29	1.906*	.636	.008	.41
	30 - 44	.918	.633	.316	-.57

Multiple Comparisons

Dependent Variable: Total Self esteem

Tukey HSD

(I) age 3 groups	(J) age 3 groups	95% Confidence . Upper Bound
18 - 29	30 - 44	.46
	45+	-.41
30 - 44	18 - 29	2.44
	45+	.57
45+	18 - 29	3.40
	30 - 44	2.41

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Total Self esteem

Tukey HSD[a,b]

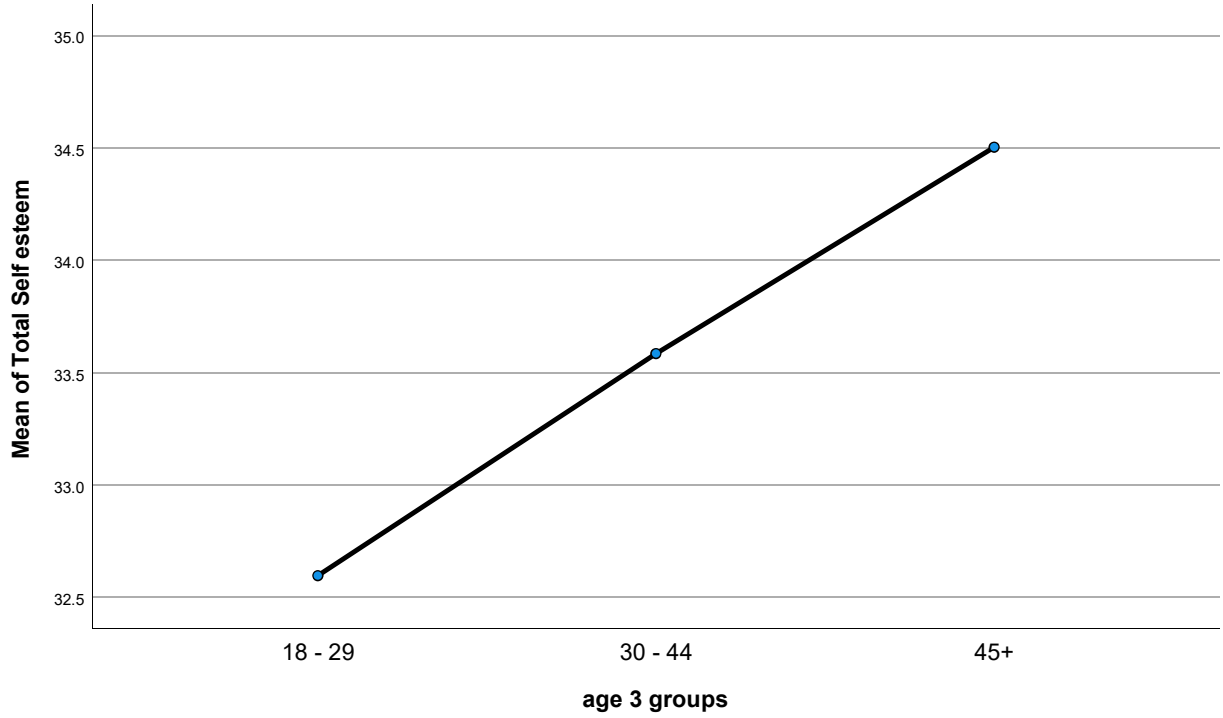
age 3 groups	N	Subset for alpha = 0.05	
		1	2
18 - 29	149	32.60	
30 - 44	152	33.59	33.59
45+	135		34.50
Sig.		.259	.311

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 144.943.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

Means Plots

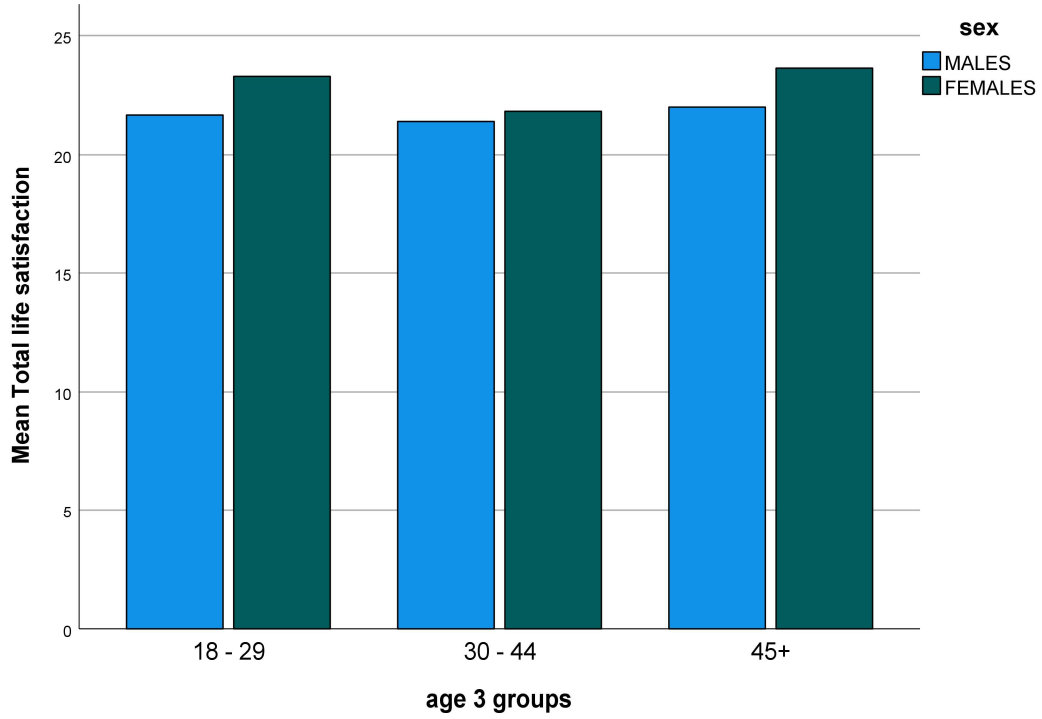



```
UNIANOVA tlifesat BY marital smoke
  /METHOD=SSTYPE(3)
  /INTERCEPT=INCLUDE
  /POSTHOC=marital(TUKEY)
  /PLOT=PROFILE(marital*smoke) TYPE=LINE ERRORBAR=NO MEANREFERENCE=NO YAXIS=AUTO
```

```
  /PRINT ETASQ DESCRIPTIVE HOMOGENEITY
  /CRITERIA=ALPHA(.05)
  /DESIGN=marital smoke marital*smoke.

GRAPH
  /BAR(GROUPED)=MEAN(tlifesat) BY agegp3 BY sex.
```

Graph




```
T-TEST GROUPS=smoke(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=tlifesat
  /ES DISPLAY(FALSE)
  /CRITERIA=CI(.95).
```