

```

SORT CASES  BY Peer.
SPLIT FILE SEPARATE BY Peer.
REGRESSION
  /DESCRIPTIVES MEAN STDDEV CORR SIG N
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA CHANGE ZPP
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT Energy
  /METHOD=ENTER Time Package Query
  /SCATTERPLOT=( *ZRESID , *ZPRED)
  /RESIDUALS DURBIN HISTOGRAM(ZRESID)
  /SAVE PRED RESID ZRESID.

```

Regression

Notes

Output Created		17-JUN-2014 16:52:42
Comments		
Input	Data	D:\001-Research\000-Study\001-Crowd Docs\Energy Testing\01 - Energy Analysis\003 SPSS - Crowd Unification\Crowd Uni-original - New.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	Peer
	N of Rows in Working Data File	144
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.

Notes

Syntax	<pre> REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA CHANGE ZPP /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Energy /METHOD=ENTER Time Package Query /SCATTERPLOT= (*ZRESID ,*ZPRED) /RESIDUALS DURBIN HISTOGRAM(ZRESID) /SAVE PRED RESID ZRESID. </pre>	
Resources	Processor Time	00:00:02.39
	Elapsed Time	00:00:02.35
	Memory Required	3632 bytes
	Additional Memory Required for Residual Plots	320 bytes
Variables Created or Modified	PRE_2	Unstandardized Predicted Value
	RES_2	Unstandardized Residual
	ZRE_2	Standardized Residual

[DataSet1] D:\001-Research\000-Study\001-Crowd Docs\Energy Testing\01 - Energy Analysis\003 SPSS - Crowd Unification\Crowd Uni-original - New.sav

Peer = mturk

Descriptive Statistics^a

	Mean	Std. Deviation	N
Energy	2.97	1.558	36
Time	10.00	4.140	36
Package	533.33	373.401	36
Query	7.75	5.337	36

a. Peer = mturk

Correlations^a

		Energy	Time	Package	Query
Pearson Correlation	Energy	1.000	.465	.360	.721
	Time	.465	1.000	.000	.000
	Package	.360	.000	1.000	.000
	Query	.721	.000	.000	1.000
Sig. (1-tailed)	Energy	.	.002	.015	.000
	Time	.002	.	.500	.500
	Package	.015	.500	.	.500
	Query	.000	.500	.500	.
N	Energy	36	36	36	36
	Time	36	36	36	36
	Package	36	36	36	36
	Query	36	36	36	36

a. Peer = mturk

Variables Entered/Removed^{a,b}

Model	Variables Entered	Variables Removed	Method
1	Query, Package, Time ^c	.	Enter

a. Peer = mturk

b. Dependent Variable: Energy

c. All requested variables entered.

Model Summary^{a,c}

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics			
					R Square Change	F Change	df1	df2
1	.930 ^b	.865	.853	.598	.865	68.571	3	32

Model Summary^{a,c}

Model	Change ...	Durbin-Watson
	Sig. F Change	
1	.000	1.490

a. Peer = mturk

b. Predictors: (Constant), Query, Package, Time

c. Dependent Variable: Energy

ANOVA^{a,b}

Model	Sum of Squares	df	Mean Square	F	Sig.
1 Regression	73.534	3	24.511	68.571	.000 ^c
Residual	11.439	32	.357		
Total	84.972	35			

a. Peer = mturk

b. Dependent Variable: Energy

c. Predictors: (Constant), Query, Package, Time

Coefficients^{a,b}

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations		
	B	Std. Error	Beta			Zero-order	Partial	Part
1 (Constant)	-1.210	.334		-3.618	.001			
Time	.175	.024	.465	7.170	.000	.465	.785	.465
Package	.002	.000	.360	5.552	.000	.360	.700	.360
Query	.210	.019	.721	11.112	.000	.721	.891	.721

a. Peer = mturk

b. Dependent Variable: Energy

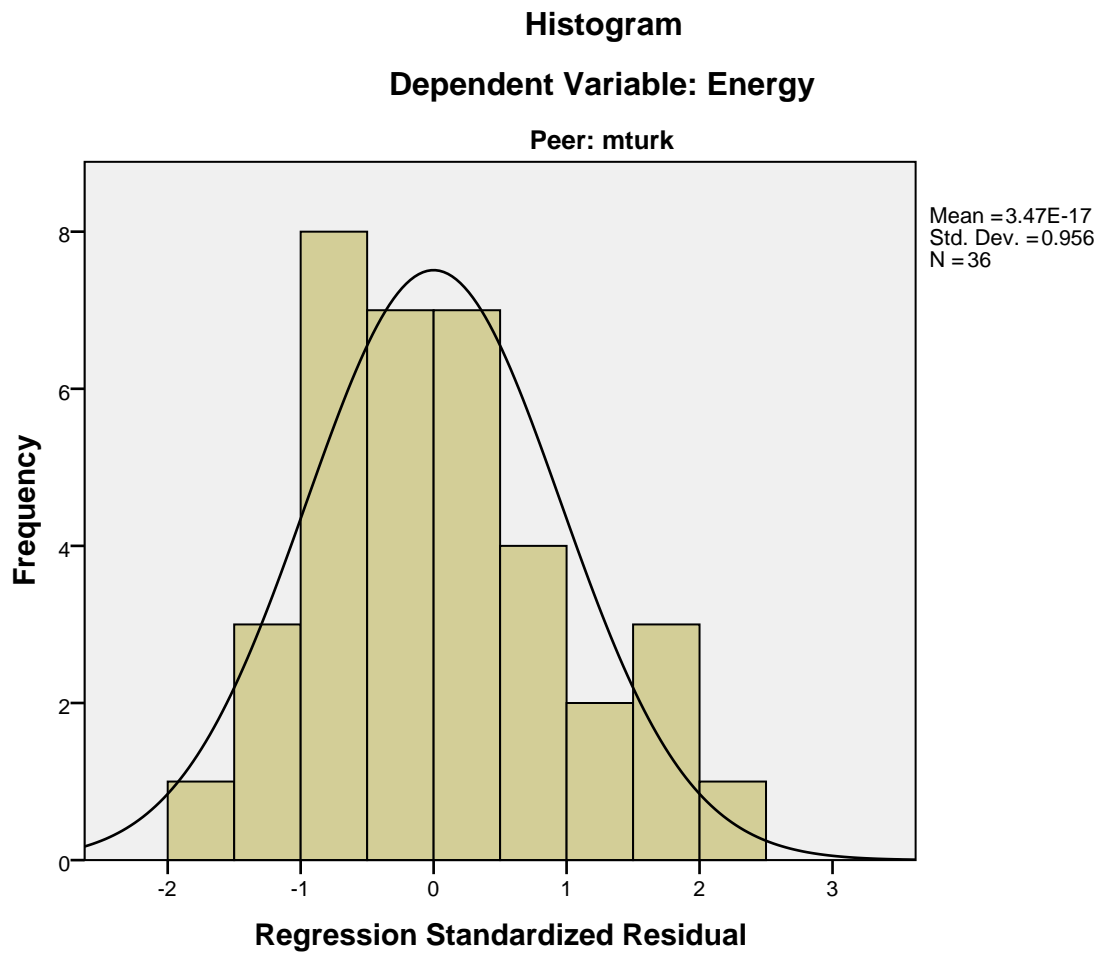
Residuals Statistics^{a,b}

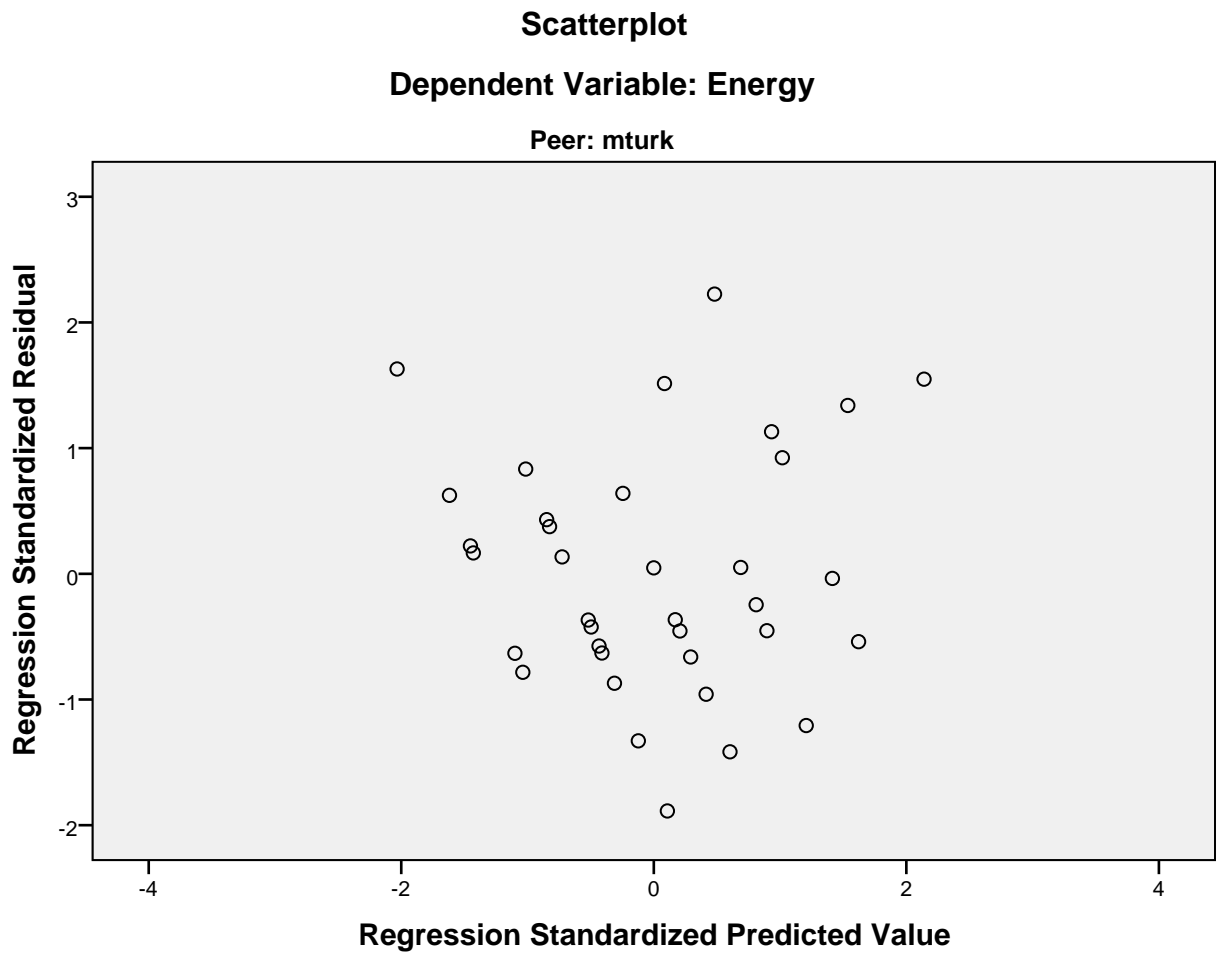
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.03	6.07	2.97	1.449	36
Residual	-1.128	1.330	.000	.572	36
Std. Predicted Value	-2.033	2.140	.000	1.000	36
Std. Residual	-1.887	2.225	.000	.956	36

a. Peer = mturk

b. Dependent Variable: Energy

Charts





Peer = facebook

Descriptive Statistics^a

	Mean	Std. Deviation	N
Energy	1.89	.950	36
Time	10.00	4.140	36
Package	533.33	373.401	36
Query	7.75	5.337	36

a. Peer = facebook

Correlations^a

		Energy	Time	Package	Query
Pearson Correlation	Energy	1.000	.690	.261	.451
	Time	.690	1.000	.000	.000
	Package	.261	.000	1.000	.000
	Query	.451	.000	.000	1.000
Sig. (1-tailed)	Energy	.	.000	.062	.003
	Time	.000	.	.500	.500
	Package	.062	.500	.	.500
	Query	.003	.500	.500	.
N	Energy	36	36	36	36
	Time	36	36	36	36
	Package	36	36	36	36
	Query	36	36	36	36

a. Peer = facebook

Variables Entered/Removed^{a,b}

Model	Variables Entered	Variables Removed	Method
1	Query, Package, Time ^c	.	Enter

a. Peer = facebook

b. Dependent Variable: Energy

c. All requested variables entered.

Model Summary^{a,c}

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics			
					R Square Change	F Change	df1	df2
1	.865 ^b	.748	.724	.498	.748	31.668	3	32

Model Summary^{a,c}

Model	Change ...	Durbin-Watson
	Sig. F Change	
1	.000	1.545

a. Peer = facebook

b. Predictors: (Constant), Query, Package, Time

c. Dependent Variable: Energy

ANOVA^{a,b}

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	23.605	3	7.868	31.668	.000 ^c
	Residual	7.951	32	.248		
	Total	31.556	35			

a. Peer = facebook

b. Dependent Variable: Energy

c. Predictors: (Constant), Query, Package, Time

Coefficients^{a,b}

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations		
		B	Std. Error	Beta			Zero-order	Partial	Part
1	(Constant)	-.670	.279		-2.402	.022			
	Time	.158	.020	.690	7.781	.000	.690	.809	.690
	Package	.001	.000	.261	2.936	.006	.261	.461	.261
	Query	.080	.016	.451	5.084	.000	.451	.668	.451

a. Peer = facebook

b. Dependent Variable: Energy

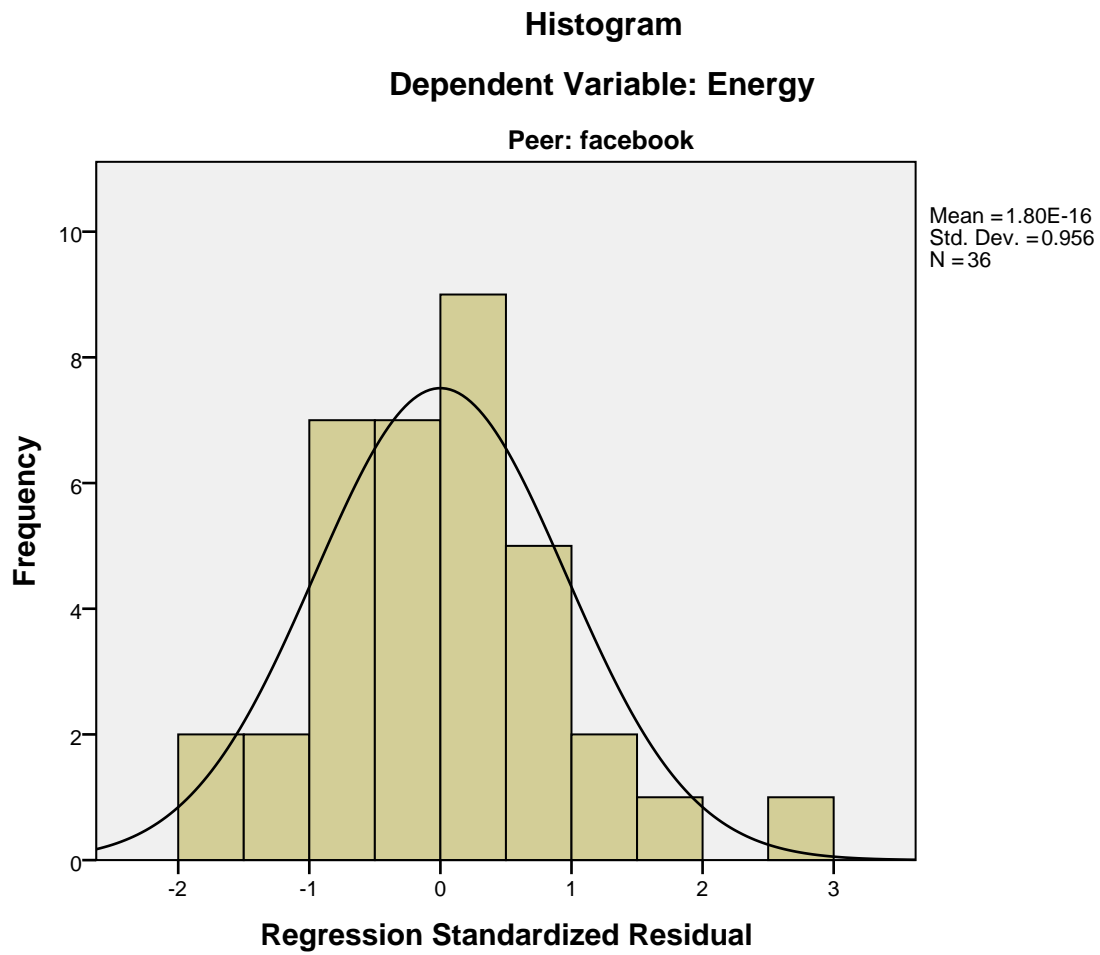
Residuals Statistics^{a,b}

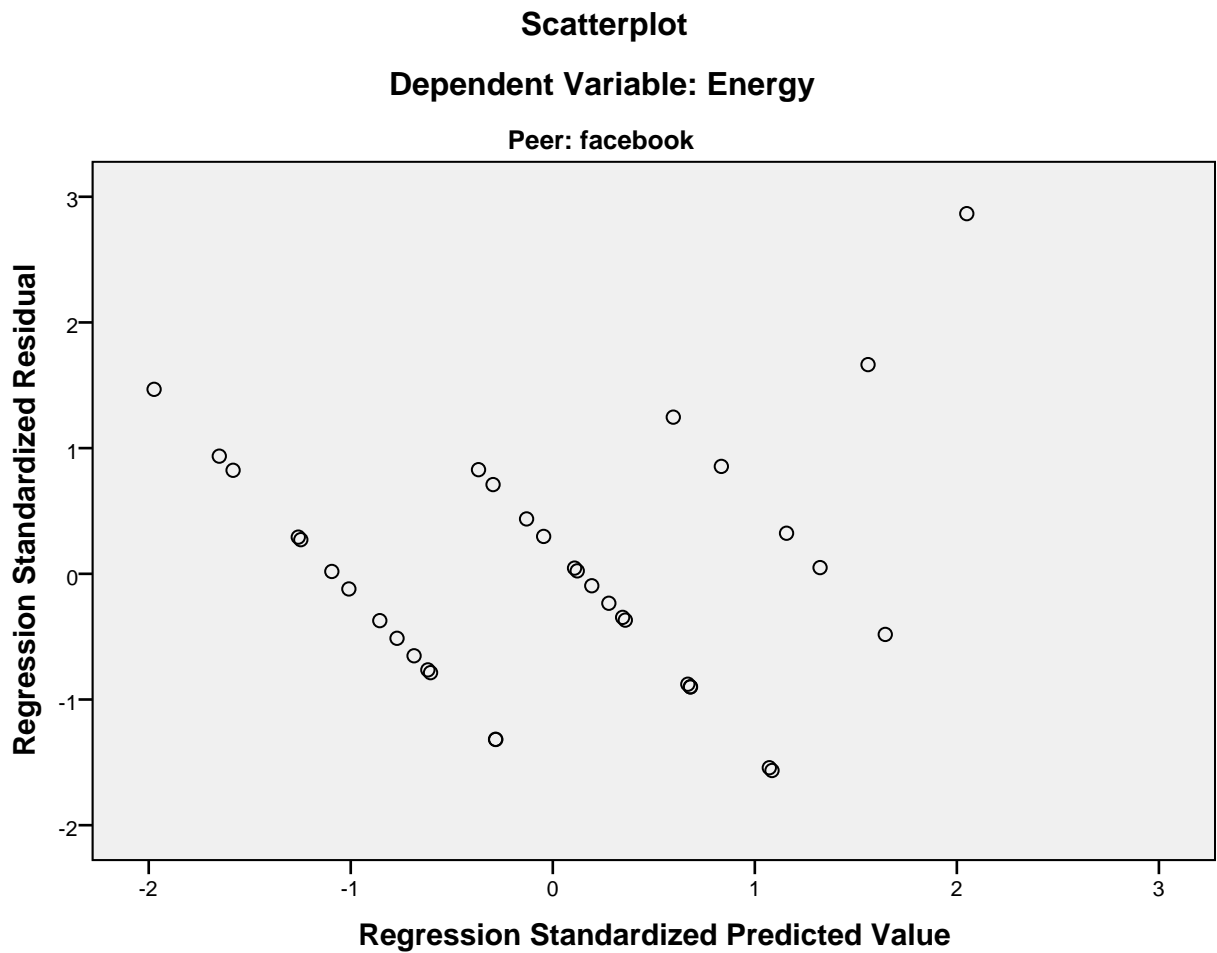
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.27	3.57	1.89	.821	36
Residual	-.780	1.428	.000	.477	36
Std. Predicted Value	-1.973	2.049	.000	1.000	36
Std. Residual	-1.565	2.866	.000	.956	36

a. Peer = facebook

b. Dependent Variable: Energy

Charts





Peer = bluetooth

Descriptive Statistics^a

	Mean	Std. Deviation	N
Energy	2.19	1.238	36
Time	10.00	4.140	36
Package	533.33	373.401	36
Query	7.75	5.337	36

a. Peer = bluetooth

Correlations^a

		Energy	Time	Package	Query
Pearson Correlation	Energy	1.000	.530	.424	.501
	Time	.530	1.000	.000	.000
	Package	.424	.000	1.000	.000
	Query	.501	.000	.000	1.000
Sig. (1-tailed)	Energy	.	.000	.005	.001
	Time	.000	.	.500	.500
	Package	.005	.500	.	.500
	Query	.001	.500	.500	.
N	Energy	36	36	36	36
	Time	36	36	36	36
	Package	36	36	36	36
	Query	36	36	36	36

a. Peer = bluetooth

Variables Entered/Removed^{a,b}

Model	Variables Entered	Variables Removed	Method
1	Query, Package, Time ^c	.	Enter

a. Peer = bluetooth

b. Dependent Variable: Energy

c. All requested variables entered.

Model Summary^{a,c}

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics			
					R Square Change	F Change	df1	df2
1	.843 ^b	.711	.684	.696	.711	26.262	3	32

Model Summary^{a,c}

Model	Change ...	Durbin-Watson
	Sig. F Change	
1	.000	1.856

a. Peer = bluetooth

b. Predictors: (Constant), Query, Package, Time

c. Dependent Variable: Energy

ANOVA^{a,b}

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	38.146	3	12.715	26.262	.000 ^c
	Residual	15.493	32	.484		
	Total	53.639	35			

a. Peer = bluetooth

b. Dependent Variable: Energy

c. Predictors: (Constant), Query, Package, Time

Coefficients^{a,b}

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations		
		B	Std. Error	Beta			Zero-order	Partial	Part
1	(Constant)	-1.039	.389		-2.670	.012			
	Time	.158	.028	.530	5.574	.000	.530	.702	.530
	Package	.001	.000	.424	4.467	.000	.424	.620	.424
	Query	.116	.022	.501	5.269	.000	.501	.682	.501

a. Peer = bluetooth

b. Dependent Variable: Energy

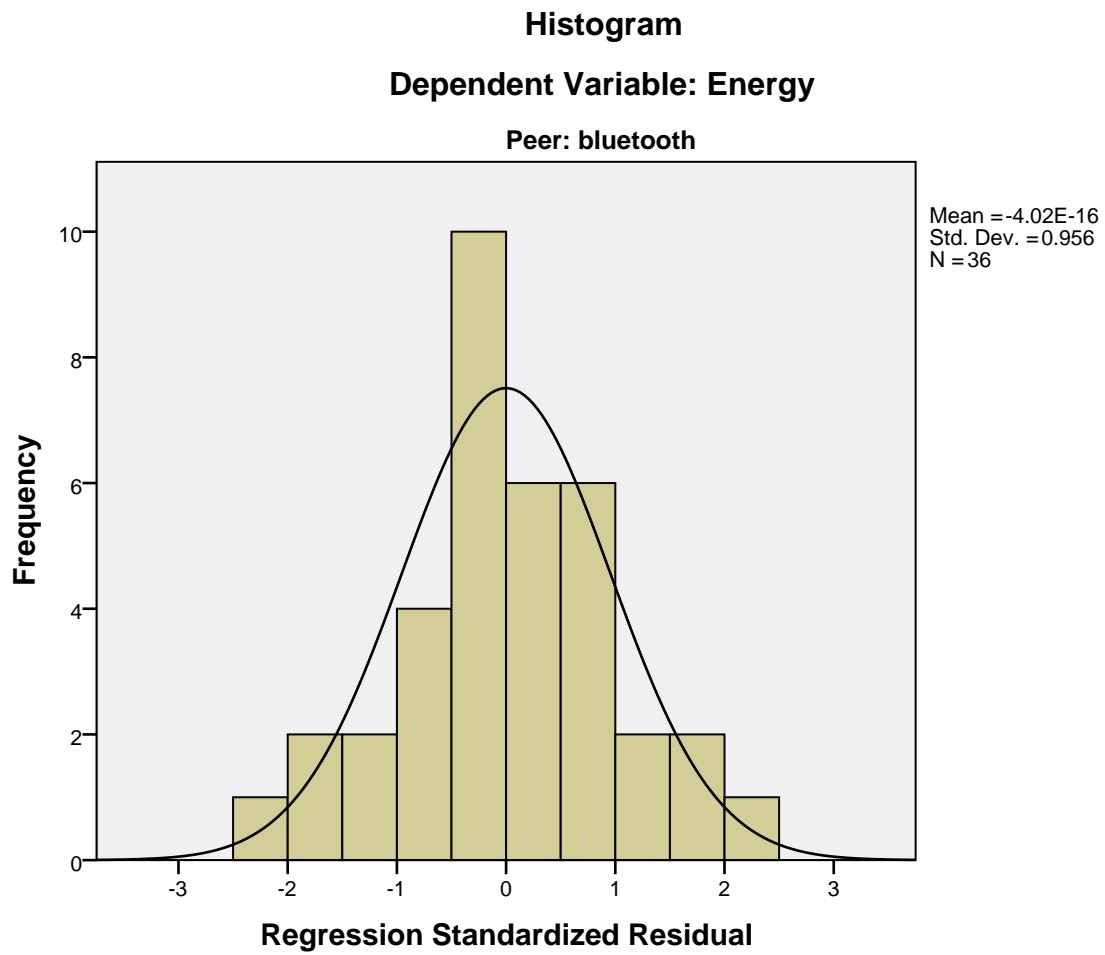
Residuals Statistics^{a,b}

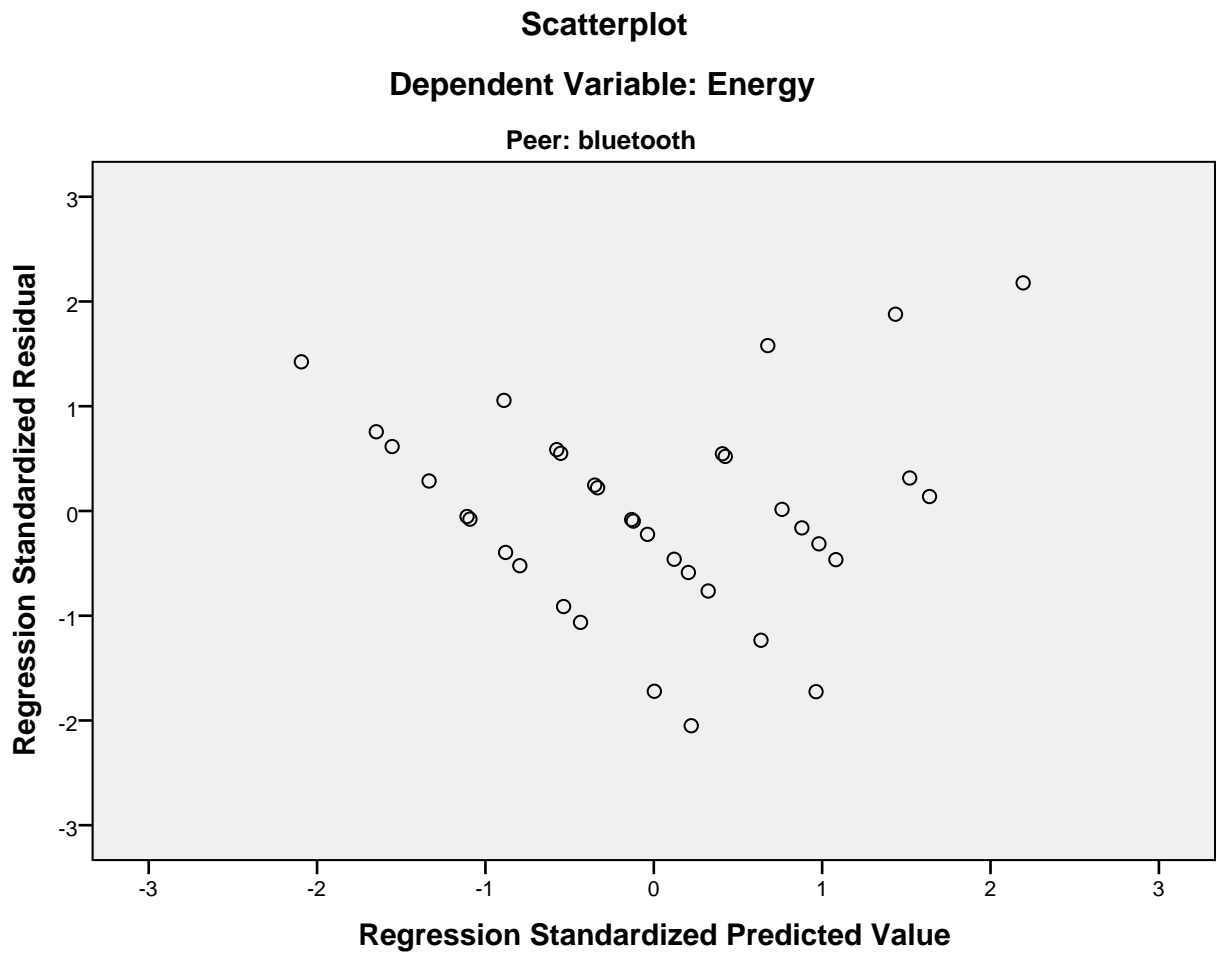
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.01	4.48	2.19	1.044	36
Residual	-1.427	1.515	.000	.665	36
Std. Predicted Value	-2.093	2.194	.000	1.000	36
Std. Residual	-2.050	2.178	.000	.956	36

a. Peer = bluetooth

b. Dependent Variable: Energy

Charts





Peer = mix

Descriptive Statistics^a

	Mean	Std. Deviation	N
Energy	4.56	3.009	36
Time	10.00	4.140	36
Package	533.33	373.401	36
Query	7.75	5.337	36

a. Peer = mix

Correlations^a

		Energy	Time	Package	Query
Pearson Correlation	Energy	1.000	.252	.497	.721
	Time	.252	1.000	.000	.000
	Package	.497	.000	1.000	.000
	Query	.721	.000	.000	1.000
Sig. (1-tailed)	Energy	.	.069	.001	.000
	Time	.069	.	.500	.500
	Package	.001	.500	.	.500
	Query	.000	.500	.500	.
N	Energy	36	36	36	36
	Time	36	36	36	36
	Package	36	36	36	36
	Query	36	36	36	36

a. Peer = mix

Variables Entered/Removed^{a,b}

Model	Variables Entered	Variables Removed	Method
1	Query, Package, Time ^c	.	Enter

a. Peer = mix

b. Dependent Variable: Energy

c. All requested variables entered.

Model Summary^{a,c}

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics			
					R Square Change	F Change	df1	df2
1	.911 ^b	.830	.814	1.299	.830	51.957	3	32

Model Summary^{a,c}

Model	Change ...	Durbin-Watson
	Sig. F Change	
1	.000	1.999

a. Peer = mix

b. Predictors: (Constant), Query, Package, Time

c. Dependent Variable: Energy

ANOVA^{a,b}

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	262.913	3	87.638	51.957	.000 ^c
	Residual	53.976	32	1.687		
	Total	316.889	35			

a. Peer = mix

b. Dependent Variable: Energy

c. Predictors: (Constant), Query, Package, Time

Coefficients^{a,b}

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations		
		B	Std. Error	Beta			Zero-order	Partial	Part
1	(Constant)	-2.562	.727		-3.525	.001			
	Time	.183	.053	.252	3.458	.002	.252	.522	.252
	Package	.004	.001	.497	6.808	.000	.497	.769	.497
	Query	.406	.041	.721	9.877	.000	.721	.868	.721

a. Peer = mix

b. Dependent Variable: Energy

Residuals Statistics^{a,b}

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	-.84	10.29	4.56	2.741	36
Residual	-1.850	2.631	.000	1.242	36
Std. Predicted Value	-1.968	2.091	.000	1.000	36
Std. Residual	-1.425	2.026	.000	.956	36

a. Peer = mix

b. Dependent Variable: Energy

Charts

