

الملحق رقم ()
التحليل الوصفي للمتغيرات الديمغرافية

Frequencies

Statistics

		الشركة	النوع	العمر	الوظيفة	المستوى التعليمي	سنوات الخبرة	عدد الدورات الداخلية	عدد الدورات الخارجية
N	Valid	146	146	146	146	146	146	146	146
	Missing	0	0	0	0	0	0	0	0
Mean		1.49	1.48	2.78	4.30	3.97	3.29	3.25	2.30
Std. Deviation		.502	.578	1.183	1.159	1.223	1.309	.777	1.006

Frequency Tabl

الشركة

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	سوداني	75	51.4	51.4	51.4
	زين	71	48.6	48.6	100.0
	Total	146	100.0	100.0	

النوع

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	ذكر	79	54.1	54.1	54.1
	انثى	66	45.2	45.2	99.3
	5	1	.7	.7	100.0
	Total	146	100.0	100.0	

العمر

	Frequency	Percent	Valid Percent	Cumulative Percent
سنة 30 أقل من	25	17.1	17.1	17.1
سنة 40 سنة الناقل من 30 من	33	22.6	22.6	39.7
سنة 50 سنة الناقل من 40 من	49	33.6	33.6	73.3
Valid سنة 60 سنة الناقل من 50 من	28	19.2	19.2	92.5
سنة أكثر من 60 من	10	6.8	6.8	99.3
6	1	.7	.7	100.0
Total	146	100.0	100.0	

الوظيفة

	Frequency	Percent	Valid Percent	Cumulative Percent
مدير عام	1	.7	.7	.7
نائب مدير عام	4	2.7	2.7	3.4
مدير إدارة	36	24.7	24.7	28.1
Valid رئيس قسم	42	28.8	28.8	56.8
رئيس وحدة	35	24.0	24.0	80.8
أخرى	28	19.2	19.2	100.0
Total	146	100.0	100.0	

المستوى التعليمي

	Frequency	Percent	Valid Percent	Cumulative Percent
ثانوية عامة	3	2.1	2.1	2.1
دبلوم بعد الثانوية	6	4.1	4.1	6.2
بكالوريوس	59	40.4	40.4	46.6
Valid دبلوم عالي	18	12.3	12.3	58.9
ماجستير	46	31.5	31.5	90.4
دكتوراه	13	8.9	8.9	99.3
أخرى	1	.7	.7	100.0
Total	146	100.0	100.0	

سنواتالخبرة

	Frequency	Percent	Valid Percent	Cumulative Percent
سنوات 3 اقلمن	11		7.5	7.5
سنوات 8 الناقلمن 3 من	32	21.9	21.9	29.5
سنة 13 الناقلمن 8 من	41	28.1	28.1	57.5
Valid سنة 18 الناقلمن 13 من	36	24.7	24.7	82.2
سنة 23 الناقلمن 18 من	17	11.6	11.6	93.8
سنةأكثر 23	9	6.2	6.2	100.0
Total	146	100.0	100.0	

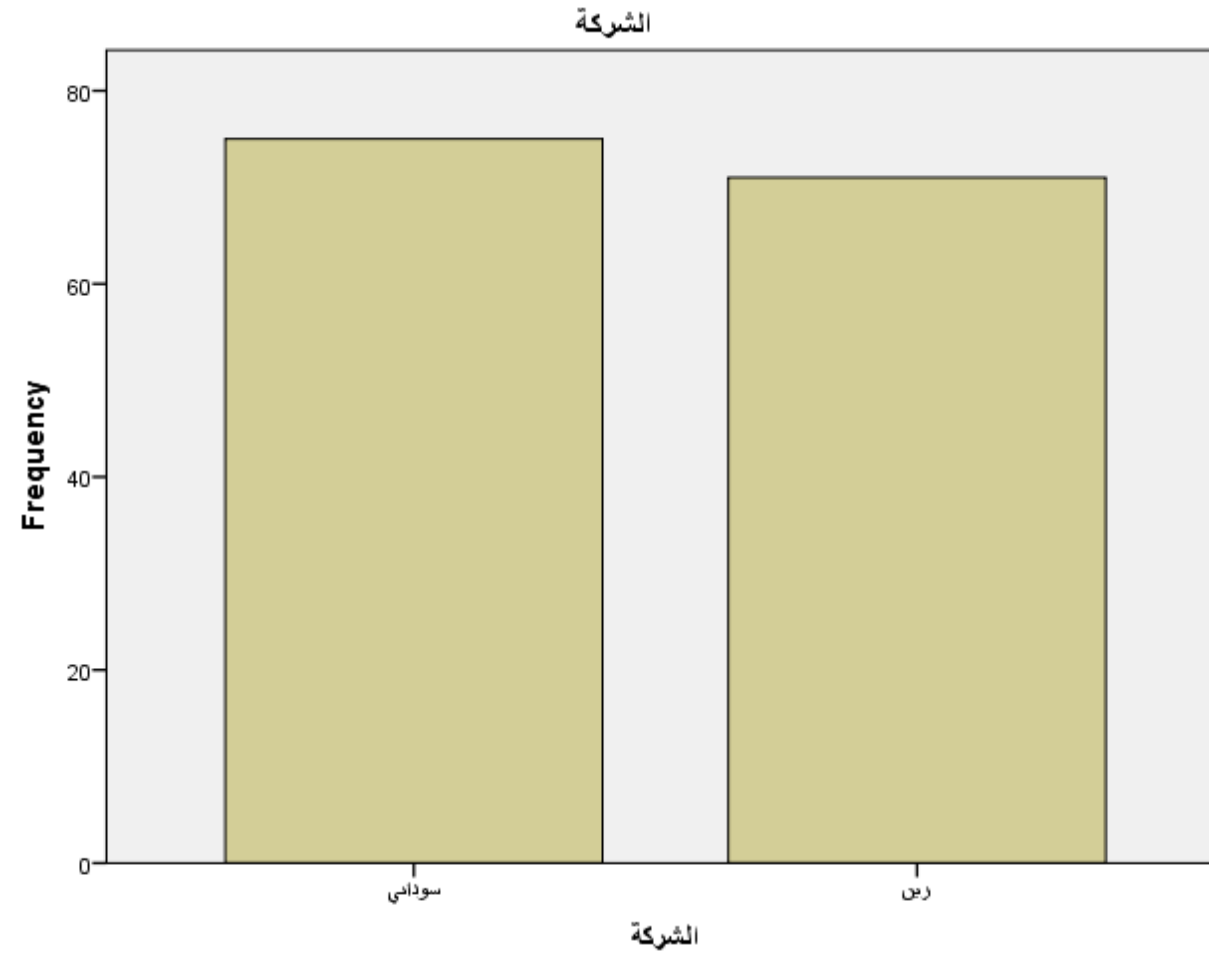
عدالدوراتالداخلية

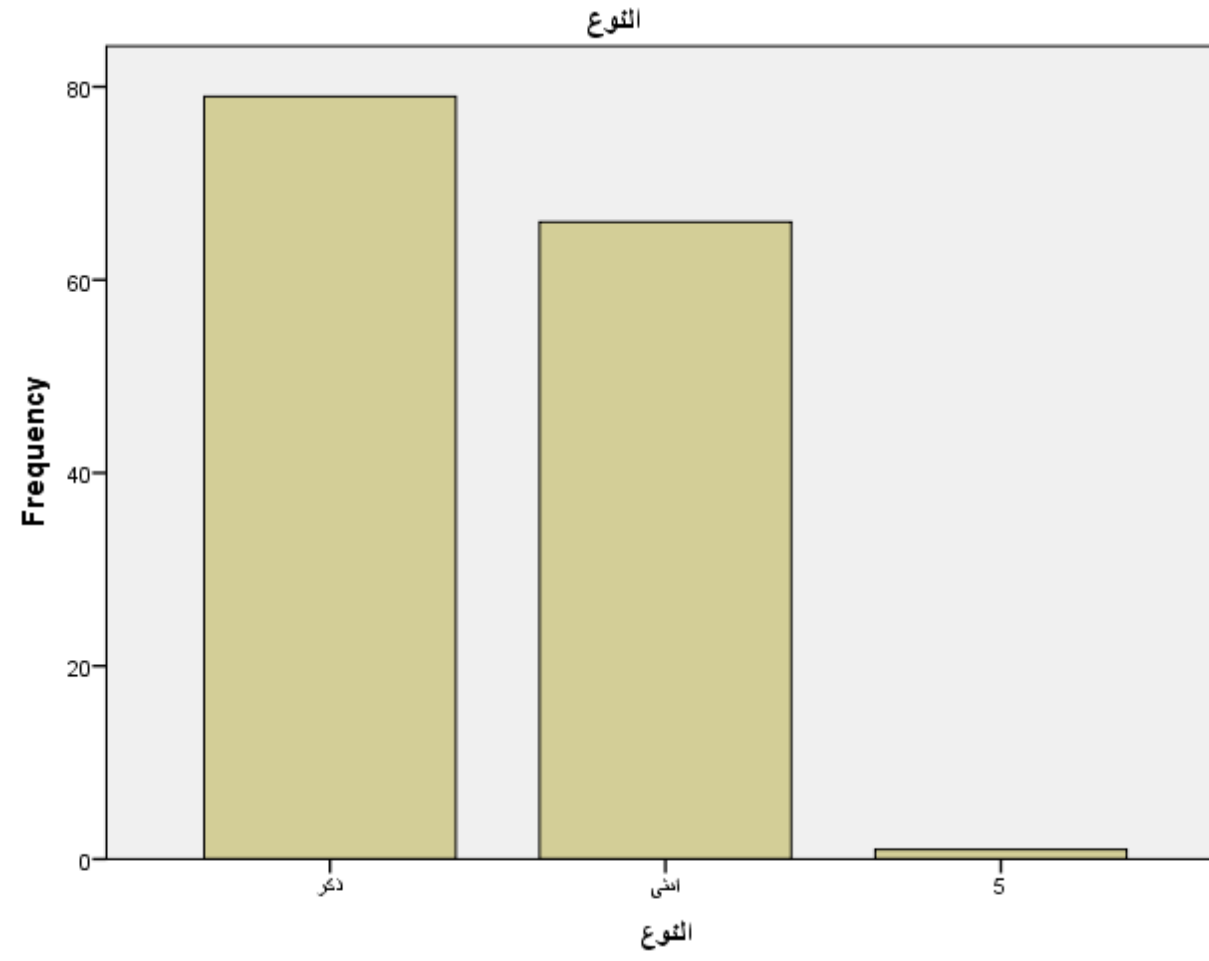
	Frequency	Percent	Valid Percent	Cumulative Percent
لاشي	1	.7	.7	.7
مندورةالى 3 دورات	24	16.4	16.4	17.1
Valid من 4 الى 6 دورات	60	41.1	41.1	58.2
7دوراتأكثر	60	41.1	41.1	99.3
6	1	.7	.7	100.0
Total	146	100.0	100.0	

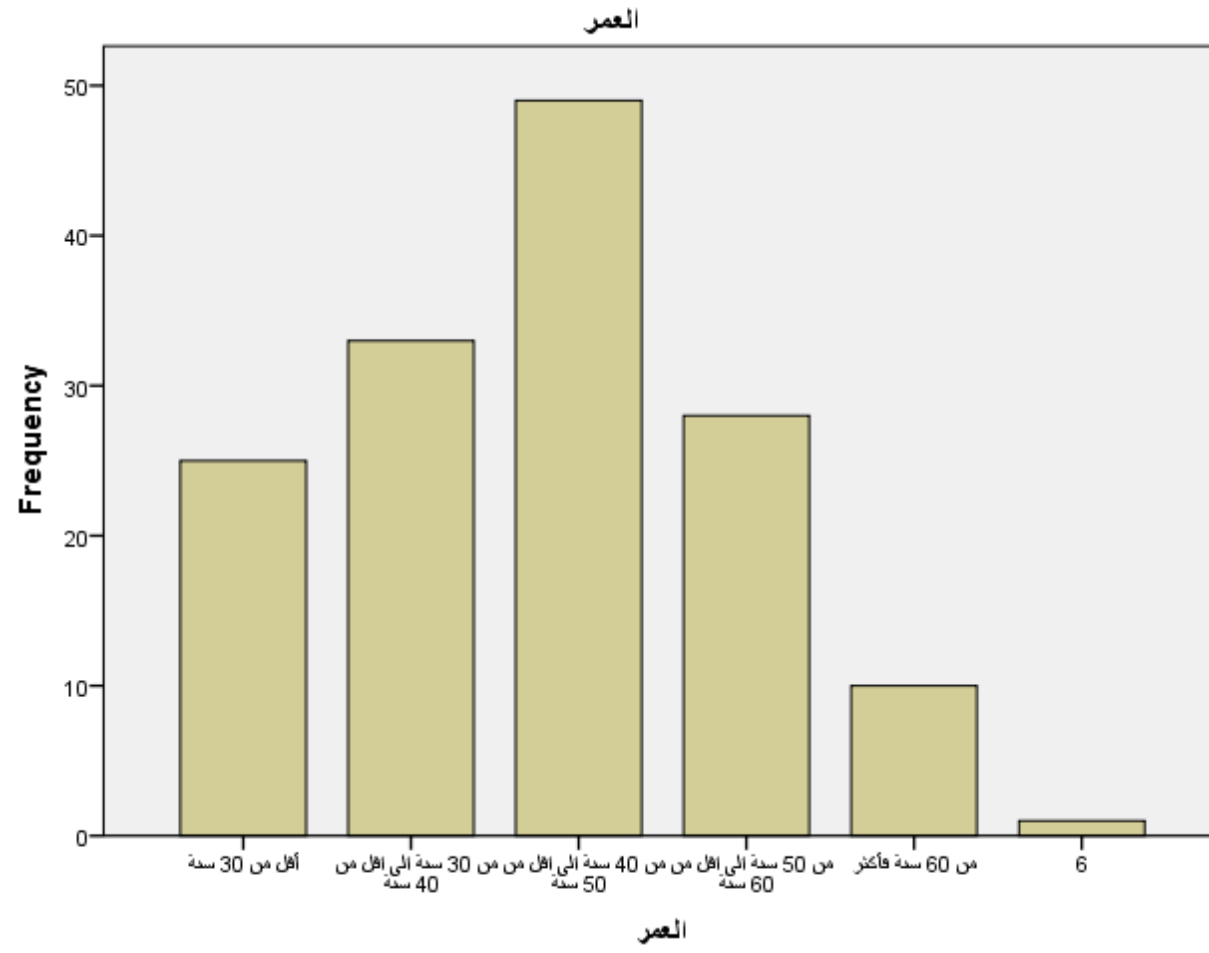
عدالدوراتالخارجية

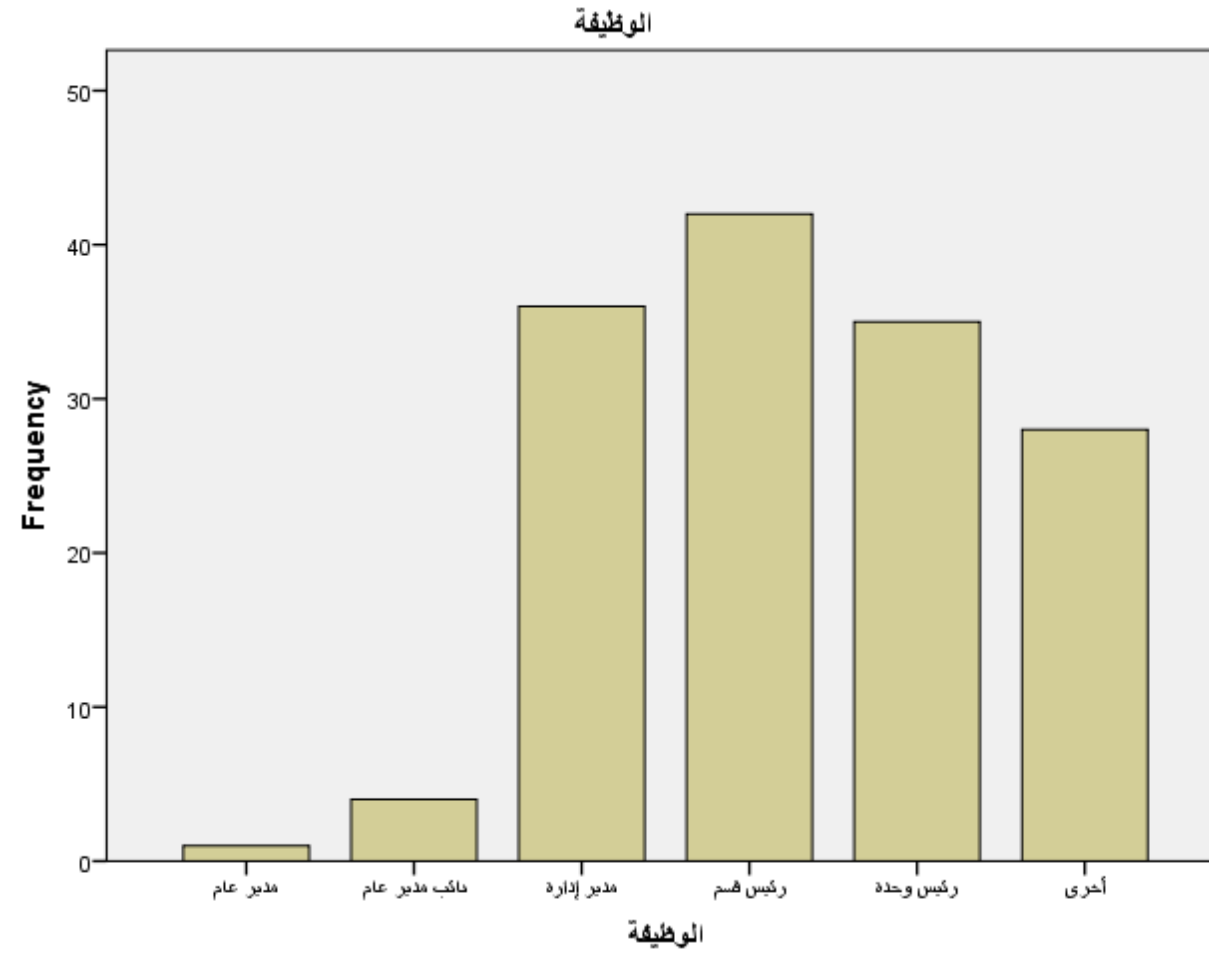
	Frequency	Percent	Valid Percent	Cumulative Percent
لاشي	38	26.0	26.0	26.0
دورات 3 مندورةالى	46	31.5	31.5	57.5
Valid دورات 6 الى 4 من	42	28.8	28.8	86.3
دوراتأكثر 7	20	13.7	13.7	100.0
Total	146	100.0	100.0	

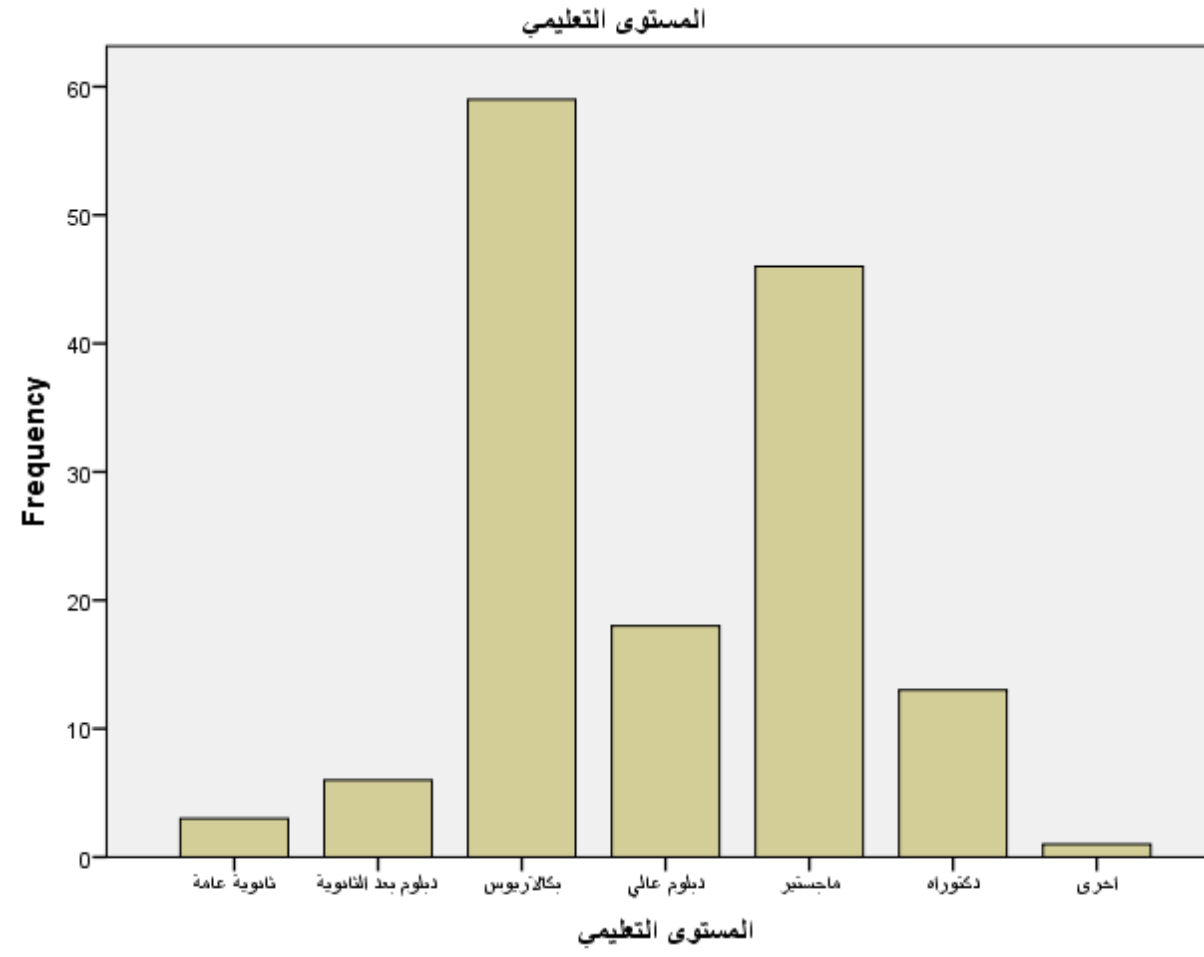
Bar Chart



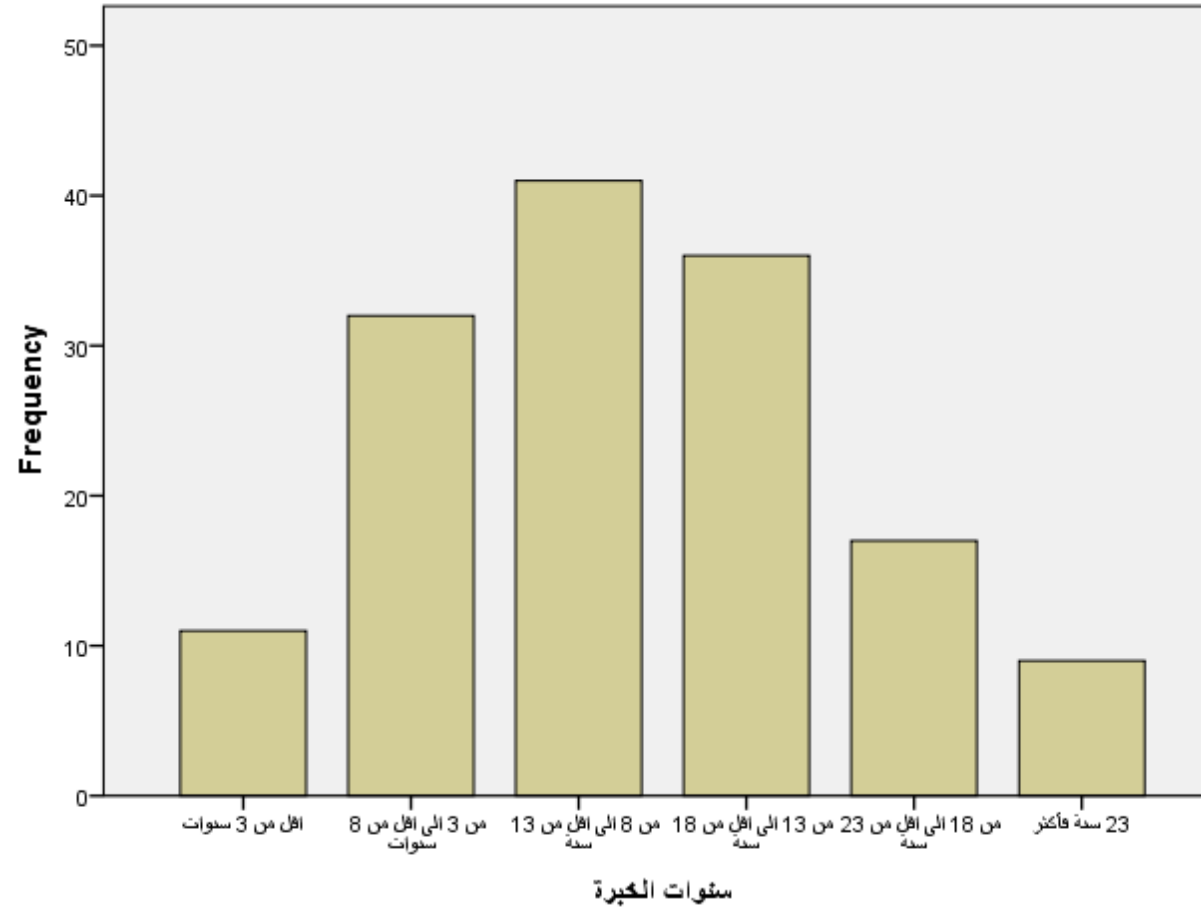




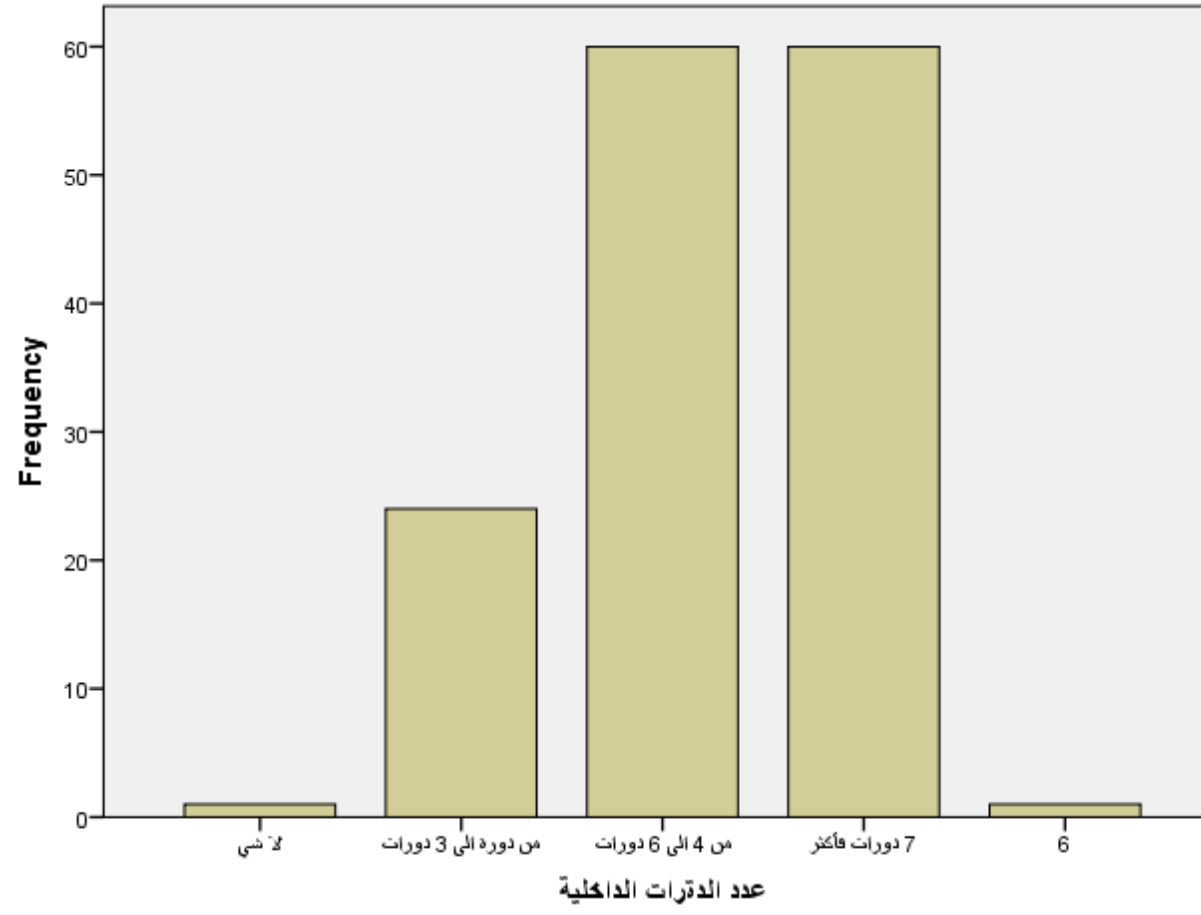




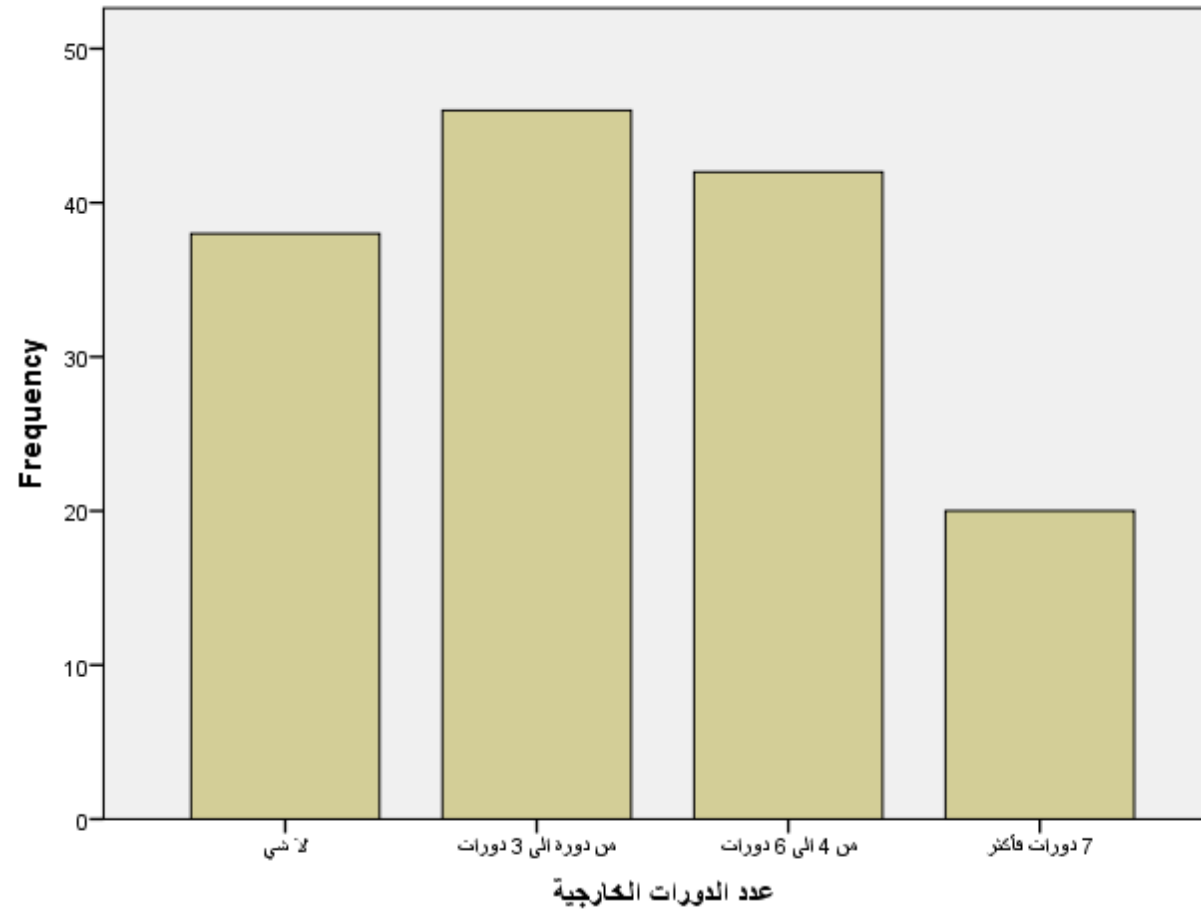
سنوات الخبرة



عدد الدورات الداخلية



عدد الدورات الخارجية



الملحق رقم ()
التحليل العاملي الاستكشافي للمتغير المستقل
التدوير الاول

Factor Analysis

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.696
Approx. Chi-Square		1392.411
Bartlett's Test of Sphericity	df	190
	Sig.	.000

Communalities

	Initial	Extraction
1تبادلية	1.000	.711
2تبادلية	1.000	.770
3تبادلية	1.000	.882
4تبادلية	1.000	.886
5تبادلية	1.000	.693
6تبادلية	1.000	.661
7تبادلية	1.000	.754
8تبادلية	1.000	.714
9تبادلية	1.000	.759
10تبادلية	1.000	.664
1تحويلية	1.000	.706
2تحويلية	1.000	.718
3تحويلية	1.000	.725
4تحويلية	1.000	.710
5تحويلية	1.000	.591
6تحويلية	1.000	.732
7تحويلية	1.000	.823
8تحويلية	1.000	.647
9تحويلية	1.000	.728
10تحويلية	1.000	.790

Extraction Method: Principal Component
Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	4.754	23.770	23.770	4.754	23.770	23.770	3.831	19.153	19.153
2	3.484	17.418	41.188	3.484	17.418	41.188	3.540	17.701	36.854
3	1.554	7.770	48.958	1.554	7.770	48.958	1.921	9.605	46.459
4	1.439	7.194	56.152	1.439	7.194	56.152	1.611	8.054	54.513
5	1.283	6.415	62.567	1.283	6.415	62.567	1.292	6.461	60.974
6	1.132	5.660	68.227	1.132	5.660	68.227	1.290	6.451	67.425
7	1.019	5.094	73.321	1.019	5.094	73.321	1.179	5.896	73.321
8	.911	4.556	77.877						
9	.729	3.645	81.522						
10	.645	3.225	84.748						
11	.554	2.771	87.519						
12	.432	2.161	89.680						
13	.415	2.075	91.755						
14	.368	1.841	93.596						
15	.312	1.559	95.155						
16	.265	1.324	96.479						
17	.263	1.317	97.796						
18	.218	1.088	98.883						
19	.163	.815	99.698						
20	.060	.302	100.000						

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component						
	1	2	3	4	5	6	7
1تحويلية	-.664	.330	.253	.098	.212	.192	.039
2تحويلية	.647	.413	.107	.168	.125	-.261	-.082
3تبادلية	-.636	.627	-.268	-.062	-.035	.054	.070
8تحويلية	.607	.379	-.038	.352	-.090	.011	-.031
9تبادلية	-.593	.370	-.113	.099	.190	.178	.424
9تحويلية	.573	.450	-.209	-.347	.006	-.015	.180
4تحويلية	.548	.484	-.344	.233	.003	-.008	-.054
3تحويلية	.529	.224	.000	-.365	.230	.422	.177
6تبادلية	-.450	.376	.289	.013	-.032	-.287	-.388
4تبادلية	-.567	.723	.043	.007	-.112	.098	.129
7تبادلية	-.488	.587	-.156	-.328	-.116	-.109	-.119

تحويلية6	.431	.574	-.076	.029	-.424	.074	-.156
تحويلية5	.378	.509	.091	-.394	.011	.116	-.105
تبادلية10	-.349	.447	-.173	.407	.133	-.338	-.124
تبادلية8	-.321	.167	.696	-.208	.130	.118	-.155
تبادلية2	.510	.274	.634	.142	.092	-.042	.047
تحويلية10	.226	.221	.158	.575	-.017	.574	-.074
تحويلية7	-.123	-.075	-.337	.157	.752	.144	-.279
تبادلية5	.452	.264	.008	-.264	.536	-.234	-.089
تبادلية1	.124	.140	.226	.196	.143	-.396	.640

Extraction Method: Principal Component Analysis.

a. 7 components extracted.

Rotated Component Matrix^a

	Component						
	1	2	3	4	5	6	7
تبادلية3	.928	-.015	-.059	-.045	.016	-.074	-.100
تبادلية4	.904	.052	-.031	.191	-.146	.077	.026
تبادلية9	.752	-.268	.026	-.087	.118	.172	.265
تبادلية7	.744	.068	.009	.126	-.083	-.348	-.227
تحويلية1	.632	-.293	-.115	.371	.146	.213	.059
تبادلية10	.508	.278	-.499	.009	.255	-.047	.113
تحويلية4	.046	.767	.139	-.274	.112	.117	.009
تحويلية2	-.185	.766	.099	.143	.097	-.024	.240
تحويلية8	-.125	.729	.065	-.081	-.041	.274	.111
تحويلية6	.133	.717	.162	-.019	-.350	.096	-.204
تحويلية3	-.094	.221	.803	.001	.093	.120	.017
تحويلية9	.038	.545	.587	-.162	-.069	-.214	.090
تحويلية5	.112	.451	.530	.239	-.068	-.128	-.126
تبادلية8	.179	-.235	.078	.784	-.049	.052	-.007
تبادلية2	-.256	.442	.180	.531	-.100	.223	.367
تبادلية6	.405	.087	-.387	.529	-.002	-.200	-.140
تحويلية7	.049	-.087	-.025	-.091	.882	.082	-.138
تبادلية5	-.133	.408	.368	.187	.447	-.331	.173
تحويلية10	.007	.292	.022	.072	.043	.833	-.060
تبادلية1	.038	.106	-.019	-.003	-.084	-.056	.829

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.^a

a. Rotation converged in 14 iterations.

Component Transformation Matrix

Component	1	2	3	4	5	6	7
1	-.639	.632	.401	-.118	-.032	.064	.108
2	.716	.633	.187	.218	-.026	.019	.059
3	-.197	-.121	.005	.869	-.266	.194	.287
4	-.035	.246	-.645	-.151	.149	.645	.249
5	-.006	-.103	.207	.177	.914	-.032	.281
6	.099	-.231	.499	-.042	.016	.730	-.390
7	.170	-.248	.310	-.356	-.265	.089	.780

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

التدوير الاخير للمتغير المستقل

Factor Analysis

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.748
Approx. Chi-Square		570.999
Bartlett's Test of Sphericity	df	28
	Sig.	.000

Communalities

	Initial	Extraction
3تبادلية	1.000	.870
4تبادلية	1.000	.856
7تبادلية	1.000	.629
9تبادلية	1.000	.575
2تحويلية	1.000	.644
4تحويلية	1.000	.624
6تحويلية	1.000	.636
8تحويلية	1.000	.663

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.053	38.166	38.166	3.053	38.166	38.166	2.953	36.918	36.918
2	2.444	30.544	68.711	2.444	30.544	68.711	2.543	31.792	68.711
3	.753	9.408	78.119						
4	.521	6.506	84.625						
5	.466	5.827	90.452						
6	.371	4.633	95.085						
7	.257	3.212	98.297						
8	.136	1.703	100.000						

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component	
	1	2
3تبادلية	.859	.364
4تبادلية	.807	.451
9تبادلية	.755	.071
7تبادلية	.724	.323
6تحويلية	-.158	.781
4تحويلية	-.303	.730
8تحويلية	-.455	.675
2تحويلية	-.496	.631

Extraction Method: Principal Component Analysis.

a. 2 components extracted.

Rotated Component Matrix^a

	Component	
	1	2
تبادلية3	.933	-.014
تبادلية4	.921	.086
تبادلية7	.793	.002
تبادلية9	.719	-.241
تحويلية8	-.143	.802
تحويلية4	.019	.790
تحويلية6	.172	.779
تحويلية2	-.198	.778

Extraction Method: Principal

Component Analysis.

Rotation Method: Varimax with

Kaiser Normalization.^a

a. Rotation converged in 3 iterations.

Component Transformation Matrix

Component	1	2
1	.914	-.405
2	.405	.914

Extraction Method: Principal Component

Analysis.

Rotation Method: Varimax with Kaiser

Normalization.

التحليل العاملي الاستكشافي للمتغير الوسيط
التدوير الاول

Factor Analysis

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.574
	Approx. Chi-Square	839.912
Bartlett's Test of Sphericity	df	171
	Sig.	.000

Communalities

	Initial	Extraction
ضمنية1	1.000	.563
ضمنية2	1.000	.756
ضمنية3	1.000	.792
ضمنية4	1.000	.747
ضمنية5	1.000	.609
ضمنية6	1.000	.698
ضمنية7	1.000	.520
ضمنية8	1.000	.668
ضمنية9	1.000	.617
ضمنية10	1.000	.873
ظاهرة1	1.000	.737
ظاهرة2	1.000	.791
ظاهرة3	1.000	.551
ظاهرة4	1.000	.658
ظاهرة5	1.000	.796
ظاهرة6	1.000	.624
ظاهرة7	1.000	.780
ظاهرة8	1.000	.595
ظاهرة9	1.000	.676

Extraction Method: Principal Component
Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.364	17.705	17.705	3.364	17.705	17.705	2.224	11.704	11.704
2	2.484	13.074	30.779	2.484	13.074	30.779	2.220	11.683	23.387
3	1.879	9.890	40.669	1.879	9.890	40.669	2.111	11.110	34.497
4	1.549	8.155	48.824	1.549	8.155	48.824	1.946	10.243	44.740
5	1.469	7.730	56.553	1.469	7.730	56.553	1.842	9.694	54.434
6	1.252	6.589	63.143	1.252	6.589	63.143	1.609	8.471	62.905
7	1.055	5.551	68.694	1.055	5.551	68.694	1.100	5.789	68.694
8	.935	4.922	73.616						
9	.791	4.162	77.778						
10	.714	3.759	81.537						
11	.670	3.527	85.064						
12	.604	3.178	88.243						
13	.495	2.604	90.846						
14	.449	2.362	93.208						
15	.328	1.726	94.934						
16	.305	1.607	96.540						
17	.272	1.434	97.974						
18	.201	1.058	99.032						
19	.184	.968	100.000						

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component						
	1	2	3	4	5	6	7
ضمنية7	.641	.160	-.152	-.137	.107	-.077	-.154
ضمنية2	-.616	.069	-.167	.104	.231	.526	.063
ضمنية8	.610	-.175	-.039	-.277	-.232	.364	.042
ضمنية9	.578	-.195	.030	.259	-.114	.400	-.059
ظاهرة9	.535	.009	.327	.094	.444	-.043	.274
ظاهرة3	.527	.059	-.104	-.305	-.370	-.161	.055
ضمنية5	.488	-.157	.366	-.169	-.330	-.114	-.248
ظاهرة1	.206	.761	.163	.094	-.219	.163	-.073
ضمنية4	.386	.641	-.333	.119	.162	-.027	-.185
ظاهرة4	.154	.527	.135	.490	-.248	-.188	-.044
ظاهرة5	.410	-.502	-.388	.442	-.148	-.005	.088
ضمنية1	-.270	-.452	.050	-.277	-.318	.267	-.184

ضمنية6	.379	.028	-.666	-.180	.223	-.149	-.079
ظاهرة7	.282	-.223	.578	.312	.457	-.103	.004
ظاهرة8	.263	-.318	.503	-.320	.207	-.089	-.137
ظاهرة2	.351	-.532	-.211	.553	-.034	.181	-.009
ظاهرة6	.291	-.067	-.350	-.381	.499	.077	.109
ضمنية3	.304	.435	.256	-.123	.094	.645	.073
ضمنية10	.130	.069	.032	-.110	-.273	-.084	.870

Extraction Method: Principal Component Analysis.

a. 7 components extracted.

Rotated Component Matrix^a

	Component						
	1	2	3	4	5	6	7
ضمنية2	-.784	-.166	-.080	-.079	-.220	.211	-.093
ضمنية5	.721	-.069	.073	-.161	.151	.130	-.116
ظاهرة3	.641	.079	.048	.211	-.161	.099	.227
ظاهرة4	.105	.743	.048	-.302	-.002	-.008	.017
ضمنية4	.047	.696	-.031	.442	-.083	.184	-.153
ظاهرة1	.131	.653	-.233	-.141	-.115	.454	.002
ضمنية1	.079	-.611	.039	-.247	-.303	.082	-.151
ظاهرة2	-.017	-.064	.876	.001	.117	-.033	-.063
ظاهرة5	.119	-.024	.850	.137	-.028	-.174	.094
ضمنية9	.227	.038	.594	.012	.142	.433	-.059
ضمنية6	.120	.112	.168	.773	-.172	-.119	-.044
ظاهرة6	-.046	-.184	-.030	.742	.145	.113	.054
ضمنية7	.419	.250	.101	.470	.122	.170	-.088
ظاهرة7	.025	.016	.145	-.148	.850	-.018	-.119
ظاهرة9	.112	.146	.097	.205	.722	.174	.196
ظاهرة8	.378	-.370	-.146	-.007	.518	.067	-.145
ضمنية3	-.037	.175	-.124	.040	.138	.850	.038
ضمنية8	.467	-.199	.296	.217	-.043	.507	.125
ضمنية10	.089	.020	-.010	-.043	-.003	.048	.928

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 8 iterations.

Component Transformation Matrix

Component	1	2	3	4	5	6	7
1	.636	.253	.405	.393	.325	.318	.080
2	-.088	.780	-.516	.060	-.163	.292	.048
3	.216	-.086	-.319	-.645	.619	.212	-.026
4	-.353	.514	.626	-.383	.176	-.181	-.097
5	-.490	-.034	-.154	.525	.640	-.045	-.219
6	-.355	-.231	.228	-.060	-.151	.856	-.096
7	-.226	-.041	.034	.022	.146	.021	.961

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

التدوير الاخير للمتغير الوسيط المشاركة المعرفية

Factor Analysis

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.567
Approx. Chi-Square		85.154
Bartlett's Test of Sphericity	Df	10
	Sig.	.000

Communalities

	Initial	Extraction
7ضمنية	1.000	.539
8ضمنية	1.000	.655
9ضمنية	1.000	.524
1ظاهرة	1.000	.716
4ظاهرة	1.000	.732

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1.705	34.095	34.095	1.705	34.095	34.095	1.694	33.886	33.886
2	1.461	29.219	63.314	1.461	29.219	63.314	1.471	29.428	63.314
3	.743	14.866	78.181						
4	.565	11.301	89.482						
5	.526	10.518	100.000						

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component	
	1	2
ضمنية8	.766	-.261
ضمنية7	.734	.009
ضمنية9	.705	-.167
ظاهرة4	.117	.847
ظاهرة1	.263	.804

Extraction Method: Principal Component Analysis.

a. 2 components extracted.

Rotated Component Matrix^a

	Component	
	1	2
ضمنية8	.803	-.097
ضمنية9	.724	-.017
ضمنية7	.716	.161
ظاهرة4	-.061	.853
ظاهرة1	.091	.841

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.^a

a. Rotation converged in 3 iterations.

Component Transformation Matrix

Component	1	2
1	.978	.207
2	-.207	.978

Extraction Method: Principal Component

Analysis.

Rotation Method: Varimax with Kaiser

Normalization.

التحليل العائلي الاستكشافي للمتغير التابع
التدوير الاول

Factor Analysis

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.589
	Approx. Chi-Square	951.598
Bartlett's Test of Sphericity	df	300
	Sig.	.000

Communalities

	Initial	Extraction
1نمو	1.000	.749
2نمو	1.000	.829
3نمو	1.000	.768
4نمو	1.000	.674
5نمو	1.000	.747
6نمو	1.000	.731
7نمو	1.000	.742
1داخلية	1.000	.548
2داخلية	1.000	.703
3داخلية	1.000	.758
4داخلية	1.000	.557
5داخلية	1.000	.513
6داخلية	1.000	.789
7داخلية	1.000	.675
1الزبائن	1.000	.627
2الزبائن	1.000	.708
3الزبائن	1.000	.721
4الزبائن	1.000	.675

5الزبتن	1.000	.751
6الزبتن	1.000	.640
1المالي	1.000	.696
2المالي	1.000	.779
3المالي	1.000	.701
4المالي	1.000	.819
5المالي	1.000	.707

Extraction Method: Principal Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3.378	13.513	13.513	3.378	13.513	13.513	2.459	9.835	9.835
2	2.415	9.660	23.173	2.415	9.660	23.173	1.967	7.869	17.704
3	2.110	8.441	31.614	2.110	8.441	31.614	1.962	7.850	25.553
4	1.908	7.633	39.247	1.908	7.633	39.247	1.926	7.705	33.259
5	1.586	6.345	45.592	1.586	6.345	45.592	1.884	7.536	40.795
6	1.450	5.799	51.391	1.450	5.799	51.391	1.838	7.352	48.147
7	1.423	5.692	57.083	1.423	5.692	57.083	1.526	6.105	54.252
8	1.171	4.682	61.765	1.171	4.682	61.765	1.519	6.077	60.329
9	1.128	4.513	66.278	1.128	4.513	66.278	1.345	5.381	65.710
10	1.038	4.152	70.430	1.038	4.152	70.430	1.180	4.720	70.430
11	.949	3.797	74.227						
12	.762	3.048	77.275						
13	.739	2.956	80.230						
14	.693	2.770	83.000						
15	.594	2.378	85.378						
16	.544	2.175	87.553						
17	.499	1.997	89.551						
18	.457	1.830	91.380						
19	.438	1.751	93.131						
20	.346	1.384	94.515						
21	.341	1.365	95.880						
22	.283	1.134	97.014						
23	.262	1.048	98.062						
24	.248	.991	99.053						
25	.237	.947	100.000						

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component									
	1	2	3	4	5	6	7	8	9	10
2الزبائن	.688	-.145	-.280	.226	-.102	-.037	.113	-.092	-.026	-.224
4نمو	.681	-.083	.128	-.027	.026	.120	-.258	.006	-.224	-.234
4الزبائن	.569	-.239	-.484	.044	-.021	.112	.189	-.037	.082	-.031
3داخلية	.559	.306	.492	-.090	-.131	-.018	.097	.056	.126	-.237
6داخلية	.531	-.266	.067	-.067	-.268	.321	-.292	.401	-.022	.080
4داخلية	.497	-.167	-.384	.035	.216	-.061	.195	.180	-.035	.106
5داخلية	.474	.300	.085	-.194	.195	.140	-.115	-.127	.245	.076
1الزبائن	.405	.232	.074	.116	.156	.401	-.188	-.211	.302	.188
1نمو	-.313	.677	-.223	.356	.100	.041	-.002	-.061	.001	.028
2داخلية	.223	.583	.119	-.113	.246	.313	.220	.106	-.014	-.260
3نمو	.063	.552	-.052	-.111	-.281	.258	.524	.030	-.003	-.155
7نمو	-.132	-.336	.603	.389	-.077	.038	.263	.109	.090	-.026
2المالي	-.136	.211	-.244	.656	.156	.202	-.196	-.267	-.177	-.142
4المالي	-.257	.227	-.089	.637	-.096	.199	-.270	.324	.247	.001
7داخلية	.302	-.273	-.377	.430	.128	-.246	.139	-.062	-.110	-.263
6نمو	.415	-.096	.368	.421	-.267	-.082	-.331	-.130	.055	.171
3الزبائن	.188	.054	.006	-.196	.690	-.032	-.281	-.107	-.249	.122
5الزبائن	-.099	-.006	-.179	-.111	.518	-.166	-.123	.418	.446	-.105
5المالي	-.082	-.327	.378	.371	.410	.104	.279	.201	.062	-.107
6الزبائن	.292	.340	.138	.047	-.011	-.552	-.168	.204	.205	-.024
5نمو	.196	.441	.384	.102	.049	-.465	-.092	-.097	-.343	-.046
1المالي	.268	.352	-.256	.184	-.157	-.408	.200	.327	-.055	.243
3المالي	.187	-.189	.370	.176	.331	-.135	.419	-.308	.208	.146
1داخلية	.196	.062	-.213	.007	-.171	-.134	.105	-.357	.394	.345
2نمو	.221	.124	.092	.150	.146	.234	.245	.270	-.399	.605

Extraction Method: Principal Component Analysis.

a. 10 components extracted.

Rotated Component Matrix^a

	Component									
	1	2	3	4	5	6	7	8	9	10
الزيتون2	.763	.241	-.002	-.004	.114	.081	-.036	.129	-.155	-.078
داخلية7	.740	-.080	.182	.135	.082	-.158	.045	-.160	-.018	-.098
الزيتون4	.738	.143	-.108	-.115	-.180	.035	-.063	.207	.031	.065
داخلية4	.626	.071	-.130	-.036	-.004	.001	.105	.067	.205	.291
داخلية6	.153	.830	-.131	-.075	-.067	-.050	-.097	.070	.037	.177
4نمو	.334	.598	-.084	-.008	.161	.139	.327	.060	-.183	-.096
6نمو	.047	.447	.167	.235	.367	-.301	-.073	.323	-.333	-.010
المالي2	.159	-.131	.806	.021	-.089	-.018	.173	-.003	-.206	-.071
المالي4	-.140	.147	.773	.068	.030	-.067	-.323	.006	.249	.060
1نمو	-.154	-.401	.648	-.196	.140	.262	-.024	.057	.035	.117
المالي5	.036	.020	.090	.781	-.114	.011	.091	-.162	.187	.066
7نمو	-.164	.114	.002	.771	.012	-.093	-.262	-.119	-.127	.008
المالي3	.143	-.263	-.213	.653	.084	-.011	.123	.332	-.082	.034
6الزيتون	.030	.057	-.021	-.066	.749	.008	-.038	.114	.232	-.048
5نمو	-.112	-.055	.042	.038	.731	.130	.283	-.086	-.296	.038
المالي1	.296	-.118	.062	-.211	.518	.059	-.259	-.023	.107	.441
داخلية2	-.029	.040	.100	.006	.080	.793	.189	.090	.091	.056
3نمو	.012	-.160	-.006	-.145	-.005	.746	-.348	.032	-.165	.123
داخلية3	.018	.364	-.213	.193	.463	.498	-.038	.224	-.118	-.122
3الزيتون	.016	-.006	-.041	-.050	.046	-.033	.817	.091	.149	.119
1الزيتون	.029	.252	.213	.036	-.056	.186	.169	.670	-.002	.046
داخلية1	.179	-.240	-.098	-.141	.062	-.155	-.237	.583	-.068	.022
داخلية5	.046	.181	-.091	-.090	.146	.293	.246	.533	.095	-.010
5الزيتون	.017	-.072	.017	.033	.049	-.027	.140	.000	.844	-.092
2نمو	.015	.106	.033	.130	-.017	.105	.139	.039	-.132	.866

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 25 iterations.

Component Transformation Matrix

Component	1	2	3	4	5	6	7	8	9	10
1	.610	.496	-.221	-.001	.309	.197	.162	.384	-.109	.114
2	-.273	-.216	.356	-.359	.436	.613	.027	.196	-.008	.135
3	-.563	.269	-.211	.629	.301	.114	.082	.043	-.233	-.062
4	.272	-.006	.772	.447	.157	-.197	-.185	.000	-.144	.107
5	.081	-.251	.084	.309	-.079	.072	.768	.056	.466	.084
6	-.139	.383	.248	.039	-.745	.391	.017	.196	-.101	.122
7	.288	-.491	-.323	.385	-.134	.445	-.333	-.096	-.094	.280
8	-.052	.410	.006	.023	.138	.108	-.247	-.452	.610	.402
9	-.057	-.057	-.023	.157	-.012	-.024	-.413	.609	.550	-.350
10	-.220	-.110	-.101	-.070	-.023	-.406	-.021	.432	-.050	.755

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

التدوير الاخير للمتغير التابع

Factor Analysis

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.506
Approx. Chi-Square		79.743
Bartlett's Test of Sphericity	Df	6
	Sig.	.000

Communalities

	Initial	Extraction
2الزيتن	1.000	.771
4الزيتن	1.000	.768
2المالي	1.000	.722
4المالي	1.000	.708

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1.592	39.808	39.808	1.592	39.808	39.808	1.575	39.368	39.368
2	1.377	34.414	74.222	1.377	34.414	74.222	1.394	34.854	74.222
3	.585	14.614	88.836						
4	.447	11.164	100.000						

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component	
	1	2
الزيتان4	.863	.155
الزيتان2	.822	.310
المالي2	-.109	.842
المالي4	-.401	.739

Extraction Method: Principal Component Analysis.

Rotated Component Matrix^a

	Component	
	1	2
الزيتان2	.876	.063
الزيتان4	.871	-.097
المالي2	.136	.839
المالي4	-.173	.823

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.^a

a. Rotation converged in 3 iterations.

Component Transformation Matrix

Component	1	2
1	.958	-.285
2	.285	.958

Extraction Method: Principal Component

Analysis.

Rotation Method: Varimax with Kaiser

Normalization.

الاعتمادية لمتغيرات الدراسة

Reliability

Scale: التبادلية

Case Processing Summary

		N	%
Cases	Valid	146	100.0
	Excluded ^a	0	.0
	Total	146	100.0

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

Reliability Statistics

Cronbach's Alpha	N of Items
.870	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
تبادلية3	10.38	12.210	.856	.776
تبادلية4	10.60	13.014	.830	.789
تبادلية7	10.67	15.436	.639	.866
تبادلية9	10.38	16.969	.594	.882

Reliability

Scale: تحويلية

Case Processing Summary

		N	%
Cases	Valid	146	100.0
	Excluded ^a	0	.0
	Total	146	100.0

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

Reliability Statistics

Cronbach's Alpha	N of Items
.795	4

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
تحويلية2	12.44	7.848	.614	.741
تحويلية4	12.52	7.548	.614	.740
تحويلية6	12.42	7.293	.556	.774
تحويلية8	12.45	7.629	.651	.723

Reliability**Scale:** ضمنية**Case Processing Summary**

		N	%
Cases	Valid	146	100.0
	Excluded ^a	0	.0
	Total	146	100.0

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

Reliability Statistics

Cronbach's Alpha	N of Items
.611	3

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
ضمنية8	7.62	2.762	.480	.416
ضمنية9	7.86	3.457	.388	.553
ضمنية7	7.90	3.439	.395	.545

Reliability**Scale:** ظاهرة**Case Processing Summary**

		N	%
--	--	---	---

	Valid	146	100.0
Cases	Excluded ^a	0	.0
	Total	146	100.0

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

Reliability Statistics

Cronbach's Alpha	N of Items
.622	2

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
1ظاهرة	3.10	2.024	.451	.
4ظاهرة	3.60	1.953	.451	.

Reliability

Scale: الزبائن

Case Processing Summary

	N	%
Valid	146	100.0
Cases Excluded ^a	0	.0
Total	146	100.0

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

Reliability Statistics

Cronbach's Alpha	N of Items
.694	2

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
2الزبائن	4.06	1.038	.545	.
4الزبائن	4.35	.670	.545	.

Reliability
Scale: المالية

Case Processing Summary

		N	%
Cases	Valid	146	100.0
	Excluded ^a	0	.0
	Total	146	100.0

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

Reliability Statistics

Cronbach's Alpha	N of Items
.556	2

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
المالي2	3.62	1.645	.386	.
المالي4	3.43	1.875	.386	.

التحليل الوصفي لمتغيرات الدراسة

Descriptive Statistics

	Mean	Std. Deviation	N
MEANA	3.5771	.86581	146
MEANB	4.1524	.88784	146
MEANC	3.8973	.82077	146
MEAND	4.0822	.55407	146
MEANE	4.2055	.80873	146
MEANF	3.5240	1.10381	146

الارتباط

Correlations

Correlations

		MEANA	MEANB	MEANC	MEAND	MEANE	MEANF
MEANA	Pearson Correlation	1	-.020	.163*	.326**	-.180*	.591**
	Sig. (2-tailed)		.807	.049	.000	.029	.000
	N	146	146	146	146	146	146
MEANB	Pearson Correlation	-.020	1	.414**	.025	.482**	.007
	Sig. (2-tailed)	.807		.000	.763	.000	.935
	N	146	146	146	146	146	146
MEANC	Pearson Correlation	.163*	.414**	1	.077	.143	-.057
	Sig. (2-tailed)	.049	.000		.357	.085	.495
	N	146	146	146	146	146	146
MEAND	Pearson Correlation	.326**	.025	.077	1	.131	.079
	Sig. (2-tailed)	.000	.763	.357		.114	.346
	N	146	146	146	146	146	146
MEANE	Pearson Correlation	-.180*	.482**	.143	.131	1	-.044
	Sig. (2-tailed)	.029	.000	.085	.114		.596
	N	146	146	146	146	146	146
MEANF	Pearson Correlation	.591**	.007	-.057	.079	-.044	1
	Sig. (2-tailed)	.000	.935	.495	.346	.596	
	N	146	146	146	146	146	146

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

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

Correlations

		MEANA	MEANB	MEANC	MEAND	MEANE	MEANF
MEANA	Pearson Correlation	1					
MEANB	Pearson Correlation	-.020	1				
MEANC	Pearson Correlation	.163*	.414**	1			
MEAND	Pearson Correlation	.326**	.025	.077	1		
MEANE	Pearson Correlation	-.180*	.482**	.143	.131	1	
MEANF	Pearson Correlation	.591**	.007	-.057	.079	-.044	1

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

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

تحليل الفرضيات

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	MEANB, MEANA ^b	.	Enter

a. Dependent Variable: MEANE

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	df2	Sig. F Change
1	.511 ^a	.261	.251	.69989	.261	25.301	2	143	.000

a. Predictors: (Constant), MEANB, MEANA

b. Dependent Variable: MEANE

ANOVA^a

Model	Sum of Squares	df	Mean Square	F	Sig.
1 Regression	24.787	2	12.394	25.301	.000 ^b
Residual	70.048	143	.490		
Total	94.836	145			

a. Dependent Variable: MEANE

b. Predictors: (Constant), MEANB, MEANA

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Correlations		
	B	Std. Error	Beta			Zero-order	Partial	Part
1 (Constant)	2.966	.371		7.994	.000			
MEANA	-.159	.067	-.171	-2.373	.019	-.180	-.195	-.171
MEANB	.436	.065	.478	6.656	.000	.482	.486	.478

a. Dependent Variable: MEANE

CasewiseDiagnostics^a

Case Number	Std. Residual	MEANE	Predicted Value	Residual
52	-3.370	2.00	4.3587	-2.35871
89	-3.017	2.00	4.1115	-2.11150

a. Dependent Variable: MEANE

Residuals Statistics^a

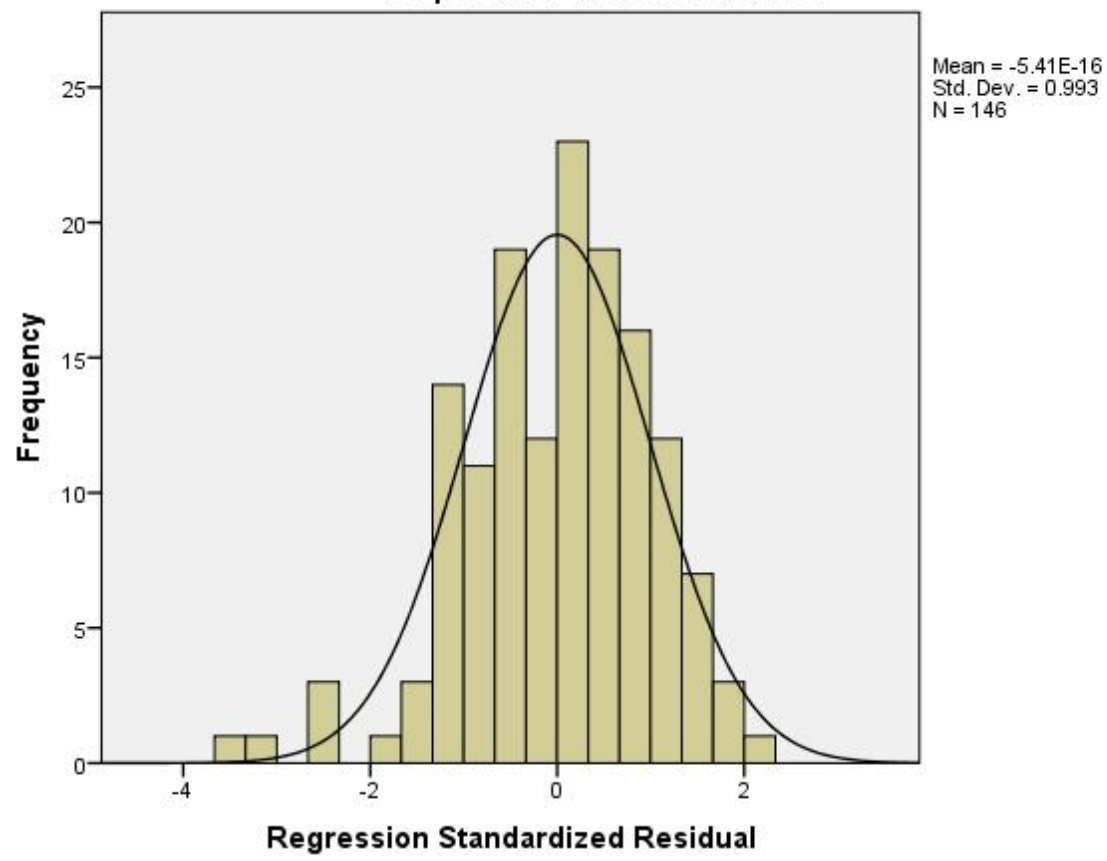
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	2.7641	4.8660	4.2055	.41346	146
Residual	-2.35871	1.48368	.00000	.69505	146
Std. Predicted Value	-3.486	1.598	.000	1.000	146
Std. Residual	-3.370	2.120	.000	.993	146

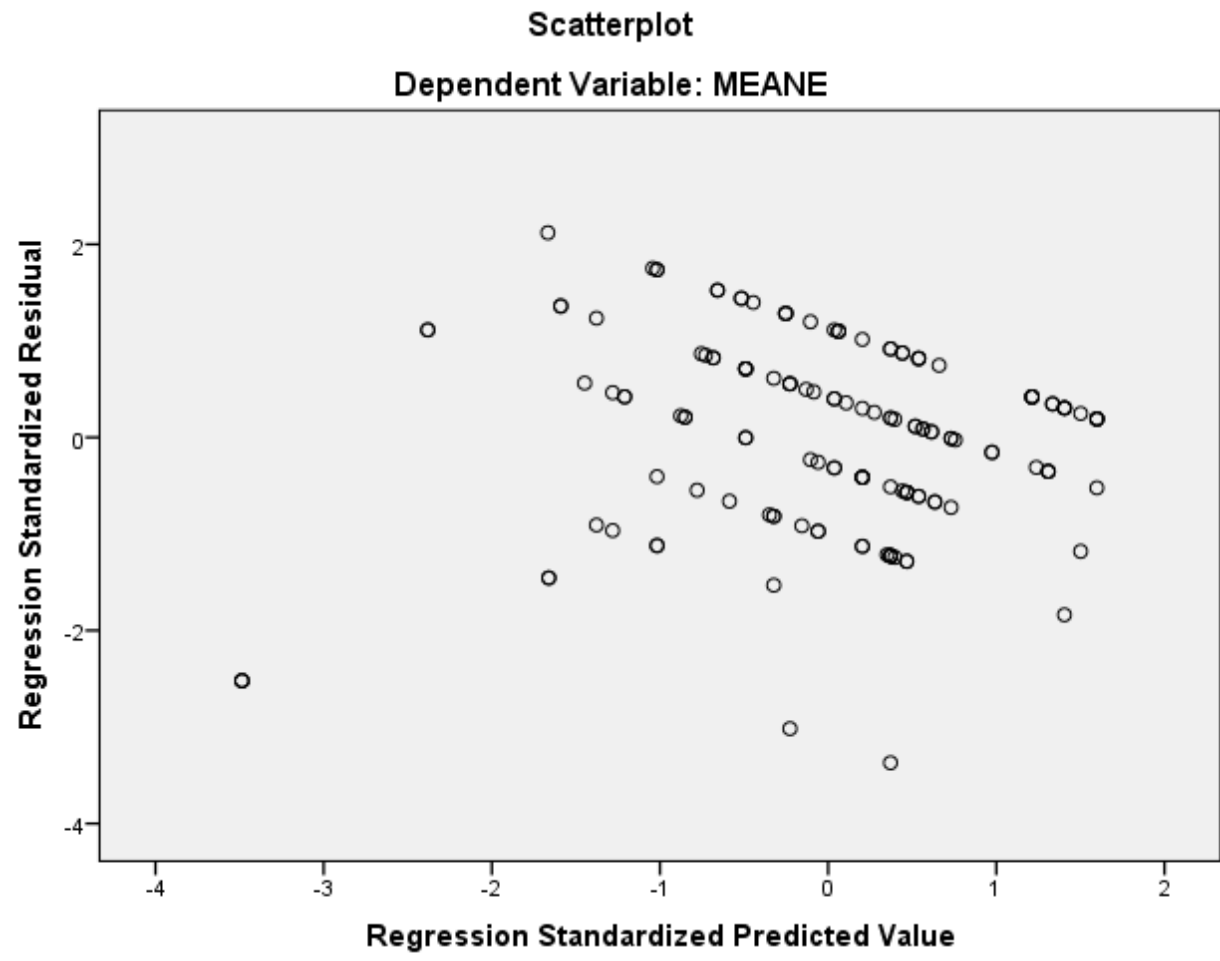
a. Dependent Variable: MEANE

Charts

Histogram

Dependent Variable: MEANE





Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	MEANB, MEANA ^b	.	Enter

- a. Dependent Variable: MEANF
- 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	df2	Sig. F Change
1	.591 ^a	.349	.340	.89662	.349	38.378	2	143	.000

- a. Predictors: (Constant), MEANB, MEANA
- b. Dependent Variable: MEANF

ANOVA^a

Model	Sum of Squares	df	Mean Square	F	Sig.
1 Regression	61.706	2	30.853	38.378	.000 ^b
Residual	114.960	143	.804		
Total	176.666	145			

a. Dependent Variable: MEANF

b. Predictors: (Constant), MEANB, MEANA

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Correlations		
	B	Std. Error	Beta			Zero-order	Partial	Part
1 (Constant)	.731	.475		1.538	.126			
MEANA	.754	.086	.591	8.760	.000	.591	.591	.591
MEANB	.023	.084	.019	.280	.780	.007	.023	.019

a. Dependent Variable: MEANF

Residuals Statistics^a

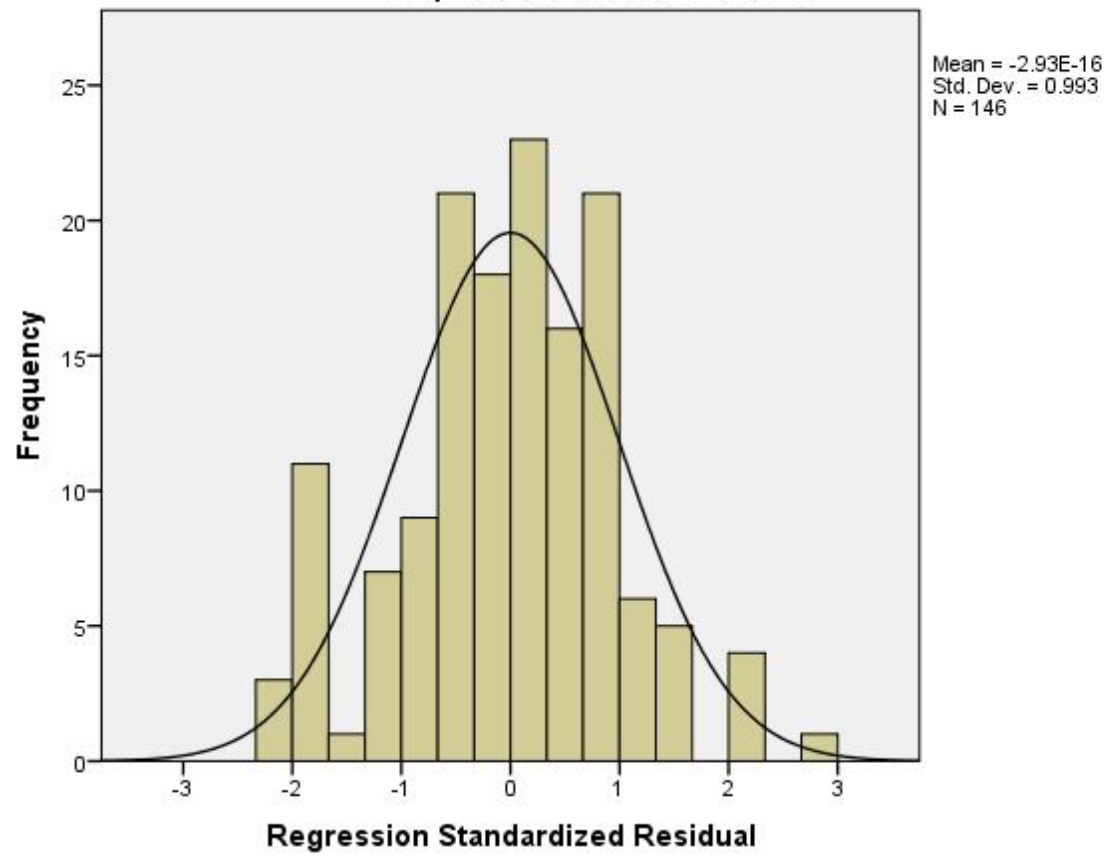
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	2.1612	4.5985	3.5240	.65235	146
Residual	-1.92063	2.45615	.00000	.89041	146
Std. Predicted Value	-2.089	1.647	.000	1.000	146
Std. Residual	-2.142	2.739	.000	.993	146

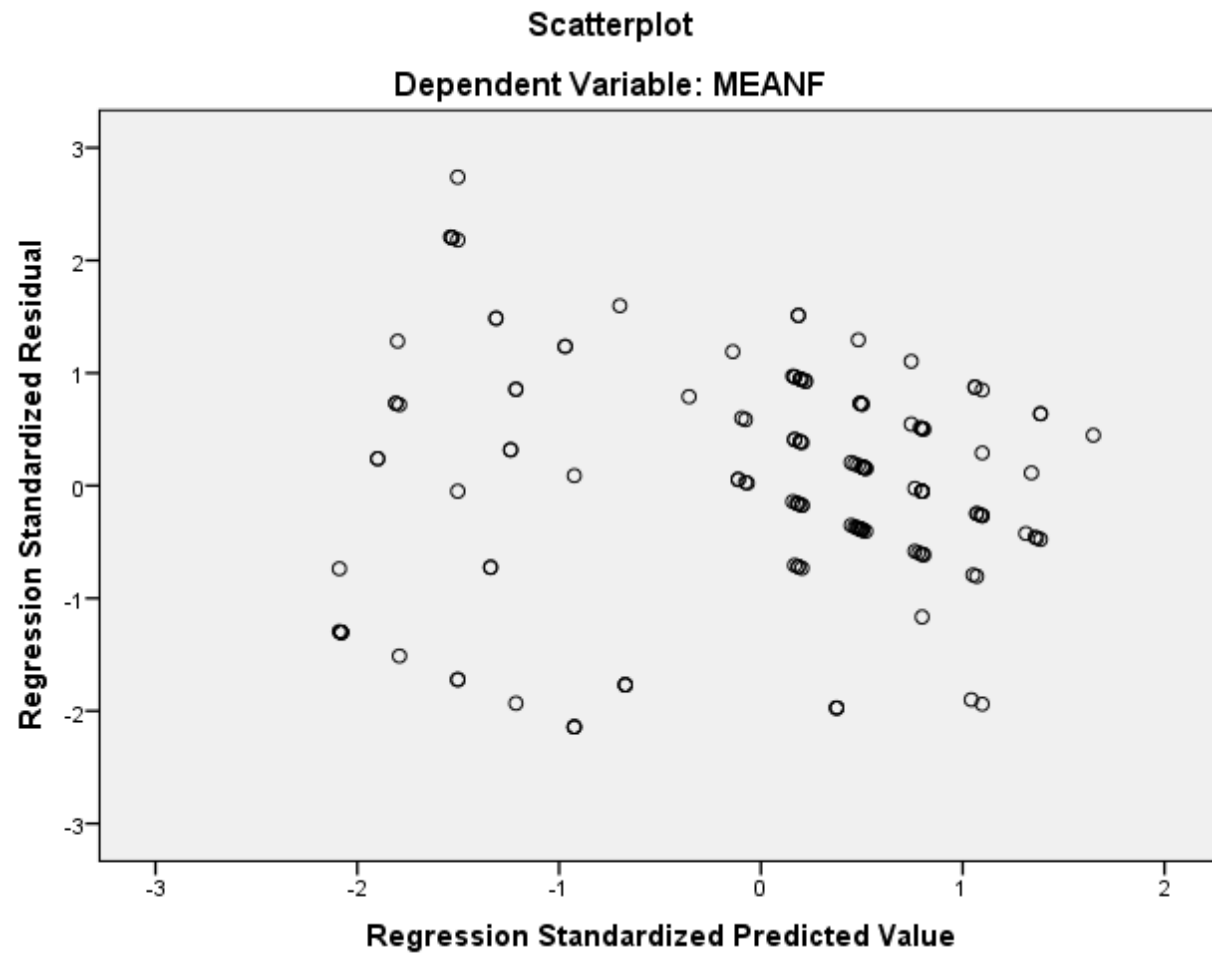
a. Dependent Variable: MEANF

Charts

Histogram

Dependent Variable: MEANF





Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	MEANB, MEANA ^b	.	Enter

a. Dependent Variable: MEANC

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	df2	Sig. F Change
1	.448 ^a	.201	.189	.73897	.201	17.938	2	143	.000

a. Predictors: (Constant), MEANB, MEANA

b. Dependent Variable: MEANC

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	19.591	2	9.796	17.938	.000 ^b
	Residual	78.090	143	.546		
	Total	97.681	145			

a. Dependent Variable: MEANC

b. Predictors: (Constant), MEANB, MEANA

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Correlations		
		B	Std. Error	Beta			Zero-order	Partial	Part
1	(Constant)	1.714	.392		4.375	.000			
	MEANA	.163	.071	.172	2.297	.023	.163	.189	.172
	MEANB	.386	.069	.417	5.578	.000	.414	.423	.417

a. Dependent Variable: MEANC

CasewiseDiagnostics^a

Case Number	Std. Residual	MEANC	Predicted Value	Residual
14	-3.228	1.33	3.7188	-2.38546
63	-3.228	1.33	3.7188	-2.38546

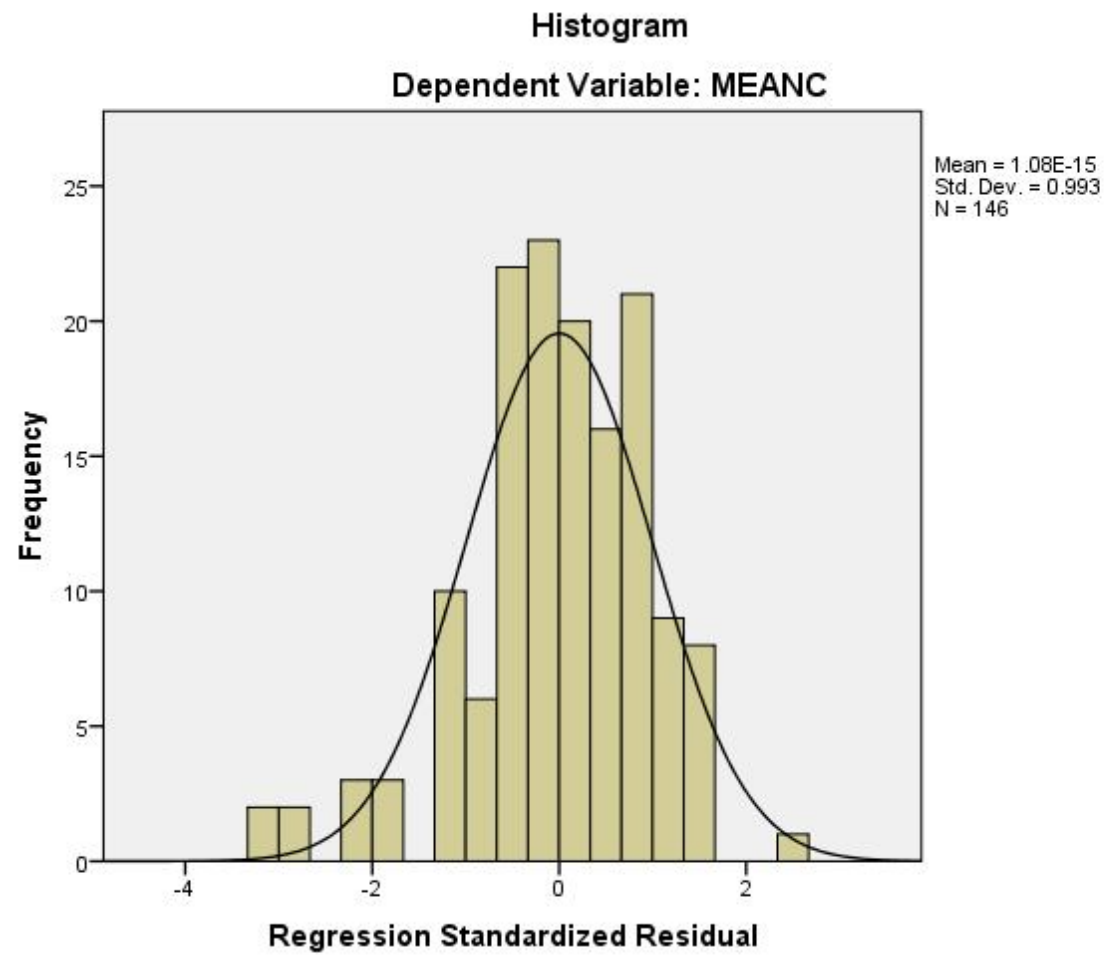
a. Dependent Variable: MEANC

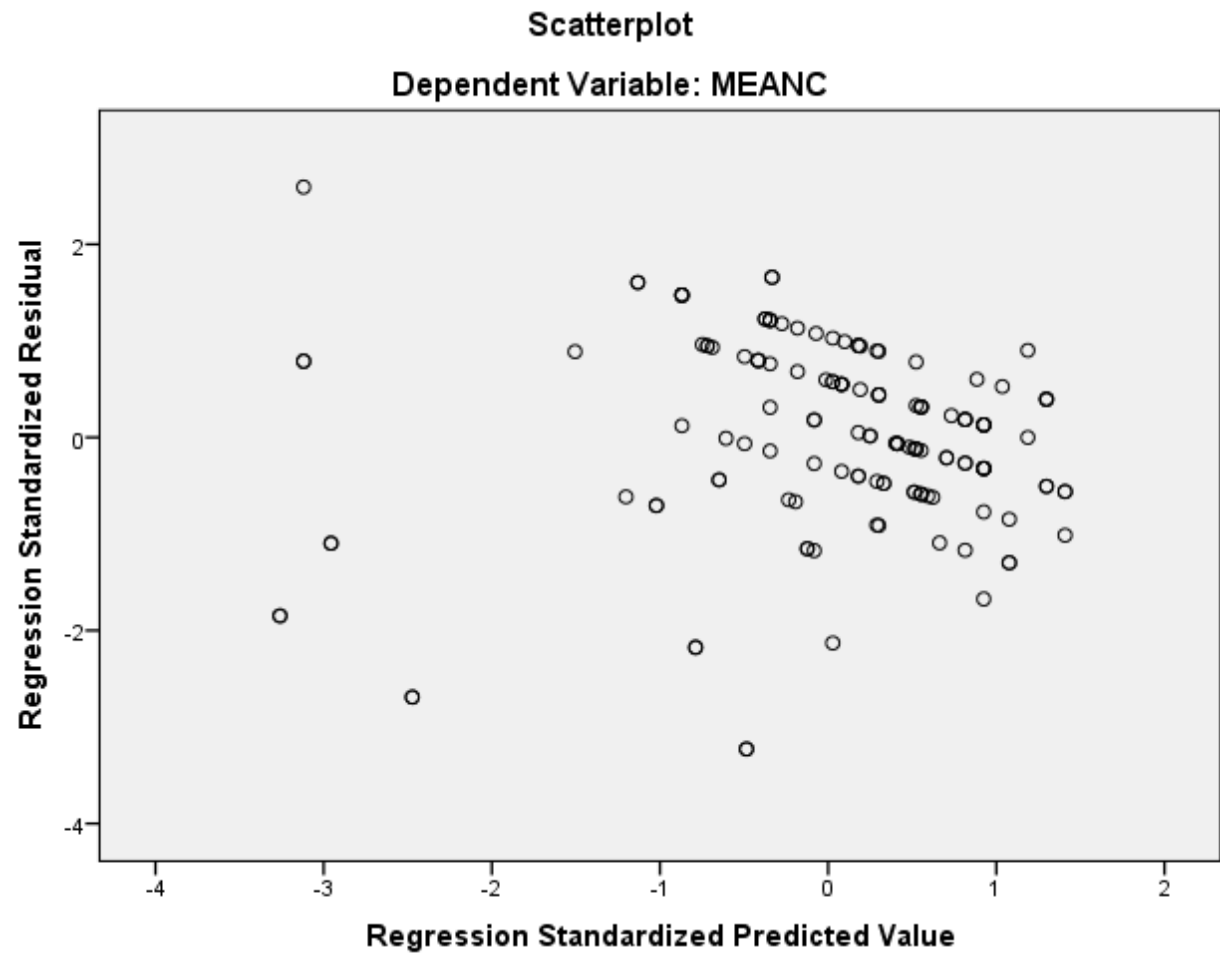
Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	2.6991	4.4151	3.8973	.36758	146
Residual	-2.38546	1.91611	.00000	.73386	146
Std. Predicted Value	-3.260	1.409	.000	1.000	146
Std. Residual	-3.228	2.593	.000	.993	146

a. Dependent Variable: MEANC

Charts





Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	MEANB, MEANA ^b	.	Enter

a. Dependent Variable: MEAND

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	df2	Sig. F Change
1	.328 ^a	.108	.095	.52708	.108	8.614	2	143	.000

a. Predictors: (Constant), MEANB, MEANA

b. Dependent Variable: MEAND

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	4.786	2	2.393	8.614	.000 ^b
	Residual	39.728	143	.278		
	Total	44.514	145			

a. Dependent Variable: MEAND

b. Predictors: (Constant), MEANB, MEANA

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Correlations		
		B	Std. Error	Beta			Zero-order	Partial	Part
1	(Constant)	3.251	.279		11.636	.000			
	MEANA	.209	.051	.327	4.138	.000	.326	.327	.327
	MEANB	.020	.049	.032	.403	.687	.025	.034	.032

a. Dependent Variable: MEAND

CasewiseDiagnostics^a

Case Number	Std. Residual	MEAND	Predicted Value	Residual
2	-3.074	2.50	4.1203	-1.62032
89	-3.065	2.50	4.1154	-1.61535
101	-3.126	2.50	4.1478	-1.64778

a. Dependent Variable: MEAND

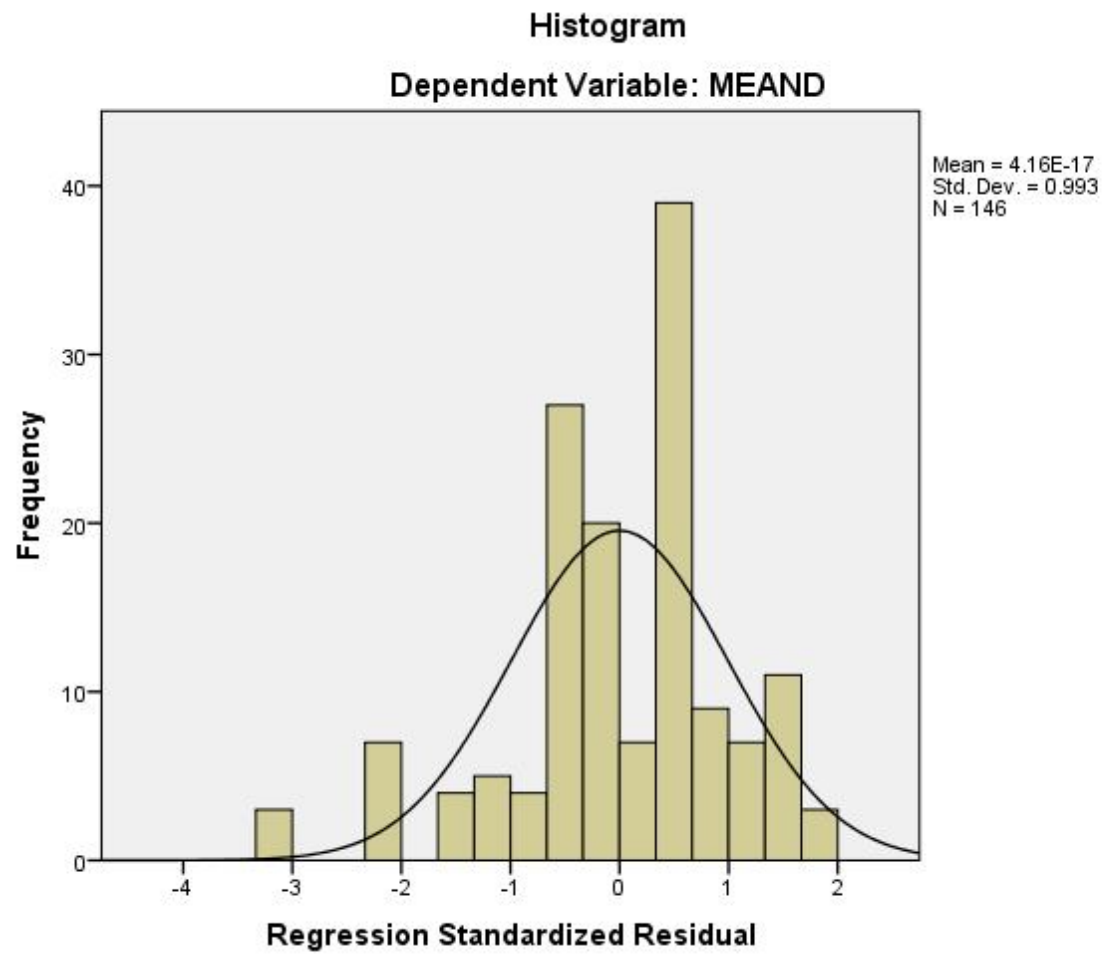
Residuals Statistics^a

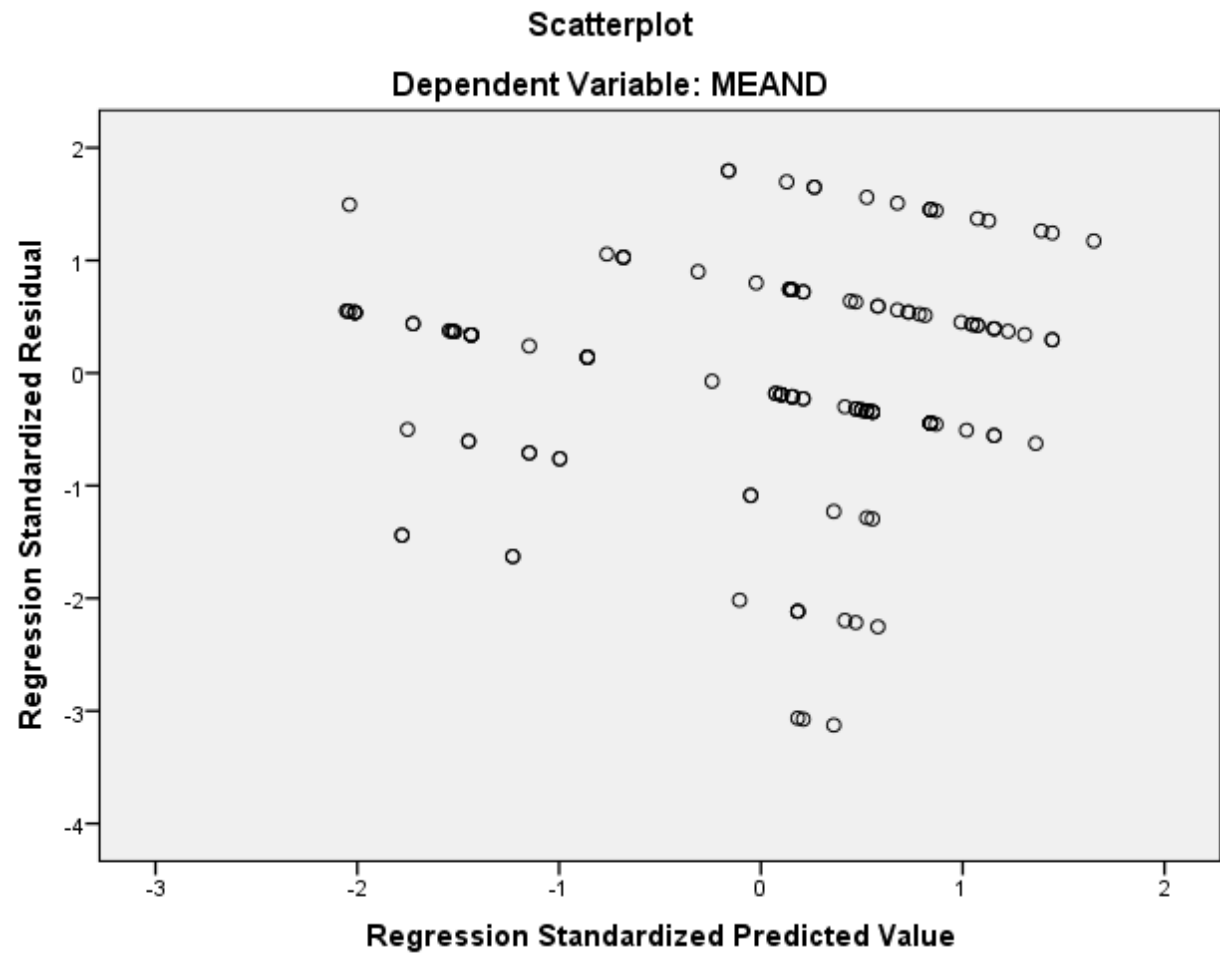
	Minimum	Maximum	Mean	Std. Deviation	N

Predicted Value	3.7094	4.3819	4.0822	.18168	146
Residual	-1.64778	.94691	.00000	.52344	146
Std. Predicted Value	-2.052	1.650	.000	1.000	146
Std. Residual	-3.126	1.797	.000	.993	146

a. Dependent Variable: MEAND

Charts





Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	MEAND, MEANC ^b	.	Enter

- a. Dependent Variable: MEANE
- 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	df2	Sig. F Change
1	.187 ^a	.035	.021	.79999	.035	2.592	2	143	.078

- a. Predictors: (Constant), MEAND, MEANC
- b. Dependent Variable: MEANE

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3.318	2	1.659	2.592	.078 ^b
	Residual	91.518	143	.640		
	Total	94.836	145			

a. Dependent Variable: MEANE

b. Predictors: (Constant), MEAND, MEANC

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations		
		B	Std. Error	Beta			Zero-order	Partial	Part
1	(Constant)	2.971	.567		5.239	.000			
	MEANC	.132	.081	.134	1.621	.107	.143	.134	.133
	MEAND	.177	.120	.121	1.470	.144	.131	.122	.121

a. Dependent Variable: MEANE

CasewiseDiagnostics^a

Case Number	Std. Residual	MEANE	Predicted Value	Residual
68	-4.226	1.00	4.3806	-3.38057
112	-4.006	1.00	4.2051	-3.20512
139	-4.006	1.00	4.2051	-3.20512

a. Dependent Variable: MEANE

Regression

Notes

Output Created		08-JUN-2017 17:09:28
Comments		
Input	Data	C:\Users\HASSAN\Desktop\اشذباليمينارمضانالتعديل.sav
	Active Dataset	DataSet1

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	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA CHANGE ZPP /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT MEANE /METHOD=ENTER MEANC MEAND /SCATTERPLOT=(*ZRESID,*ZPRED) /CASEWISE PLOT(ZRESID) OUTLIERS(3).
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[DataSet1] C:\Users\HASSAN\Desktop\رمضان\شذيا ليمن\التعديل\ثذيا ليمن\رمضان.sav

Descriptive Statistics

	Mean	Std. Deviation	N
MEANE	4.2887	.64226	142
MEANC	3.8967	.82627	142
MEAND	4.0739	.55845	142

Correlations

		MEANE	MEANC	MEAND
Pearson Correlation	MEANE	1.000	.181	.247
	MEANC	.181	1.000	.081
	MEAND	.247	.081	1.000
Sig. (1-tailed)	MEANE	.	.015	.002
	MEANC	.015	.	.170
	MEAND	.002	.170	.
N	MEANE	142	142	142
	MEANC	142	142	142
	MEAND	142	142	142

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	MEAND, MEANC ^b	.	Enter

a. Dependent Variable: MEANE

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	df2	Sig. F Change
1	.295 ^a	.087	.074	.61808	.087	6.624	2	139	.002

a. Predictors: (Constant), MEAND, MEANC

b. Dependent Variable: MEANE

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5.061	2	2.530	6.624	.002 ^b
	Residual	53.101	139	.382		
	Total	58.162	141			

a. Dependent Variable: MEANE

b. Predictors: (Constant), MEAND, MEANC

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Correlations		
	B	Std. Error	Beta			Zero-order	Partial	Part
1 (Constant)	2.703	.440		6.147	.000			
MEANC	.126	.063	.162	1.998	.048	.181	.167	.162
MEAND	.268	.094	.233	2.871	.005	.247	.237	.233

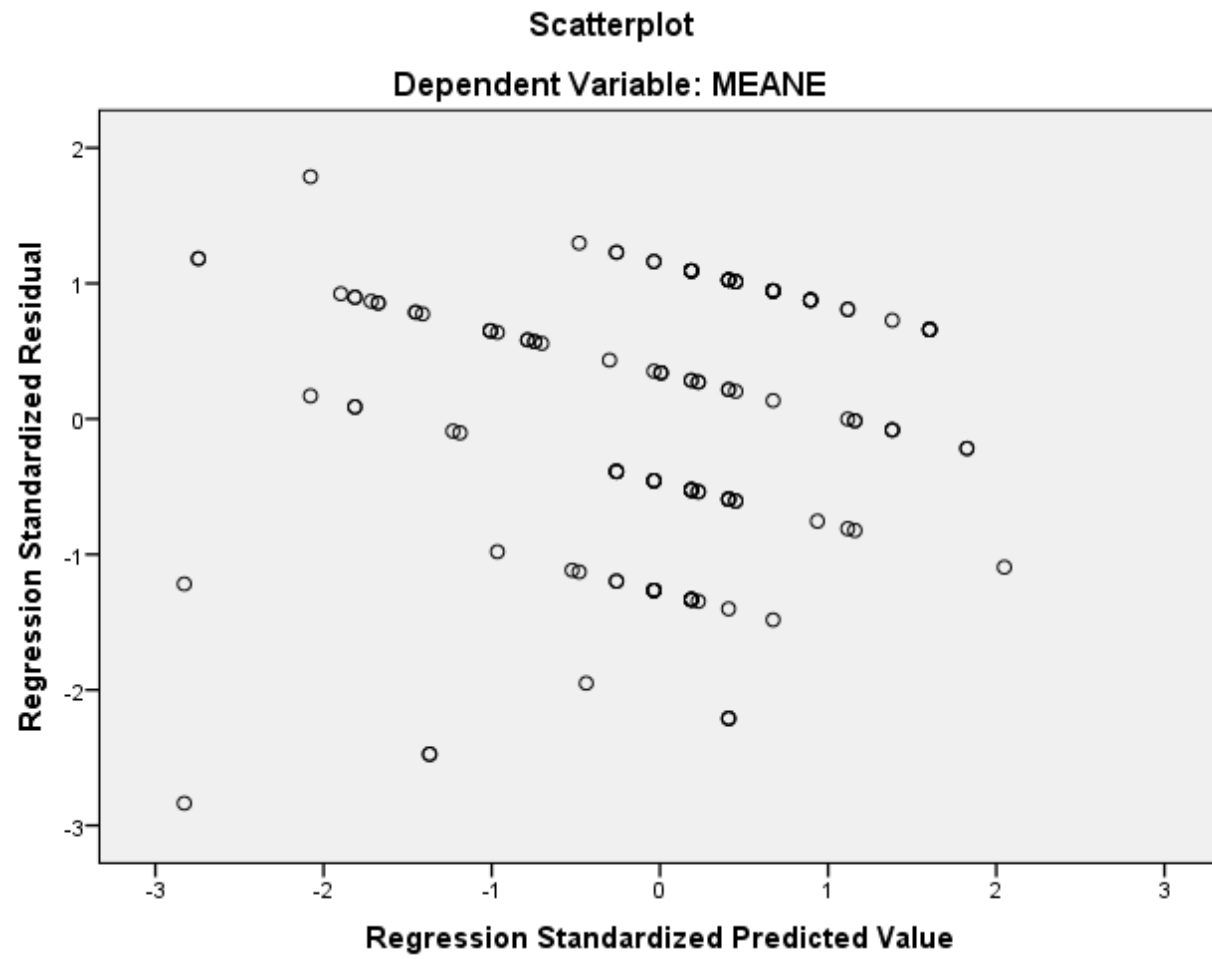
a. Dependent Variable: MEANE

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	3.7529	4.6767	4.2887	.18945	142
Residual	-1.75294	1.10491	.00000	.61368	142
Std. Predicted Value	-2.828	2.048	.000	1.000	142
Std. Residual	-2.836	1.788	.000	.993	142

a. Dependent Variable: MEANE

Charts



Residuals Statistics^a

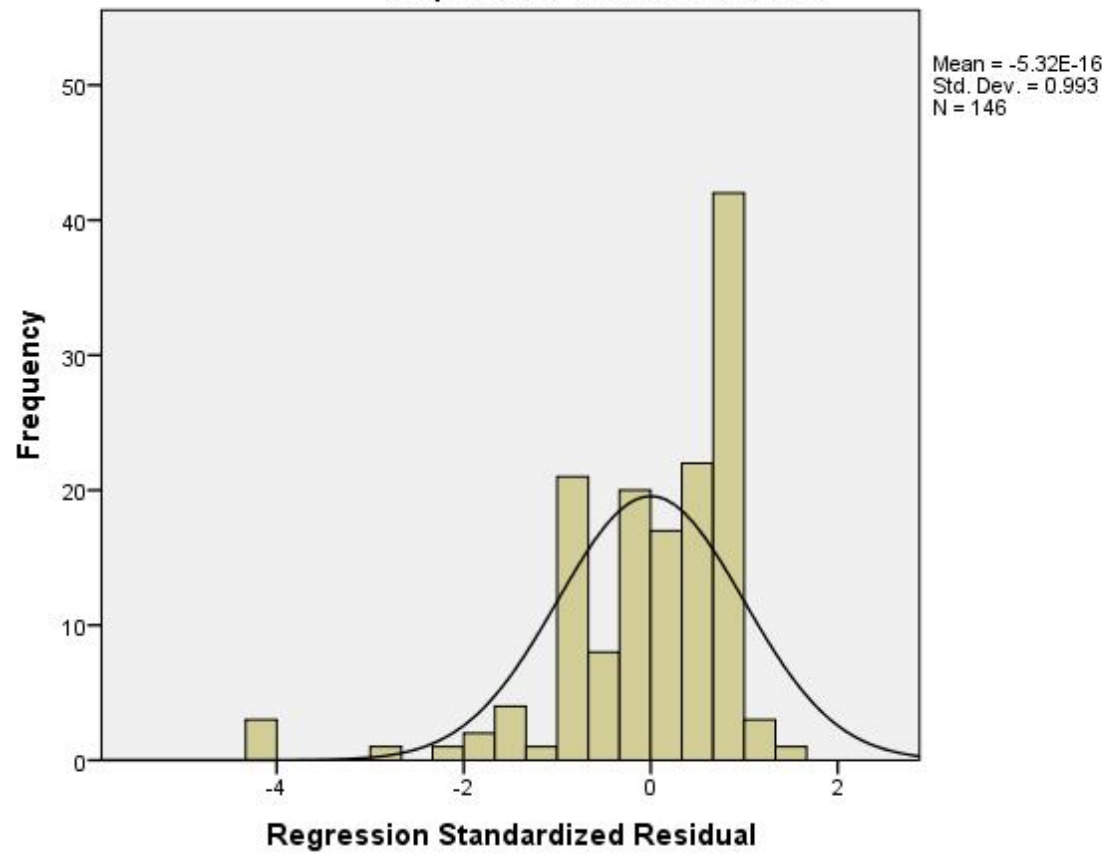
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	3.7213	4.5128	4.2055	.15126	146
Residual	-3.38057	1.14707	.00000	.79446	146
Std. Predicted Value	-3.201	2.032	.000	1.000	146
Std. Residual	-4.226	1.434	.000	.993	146

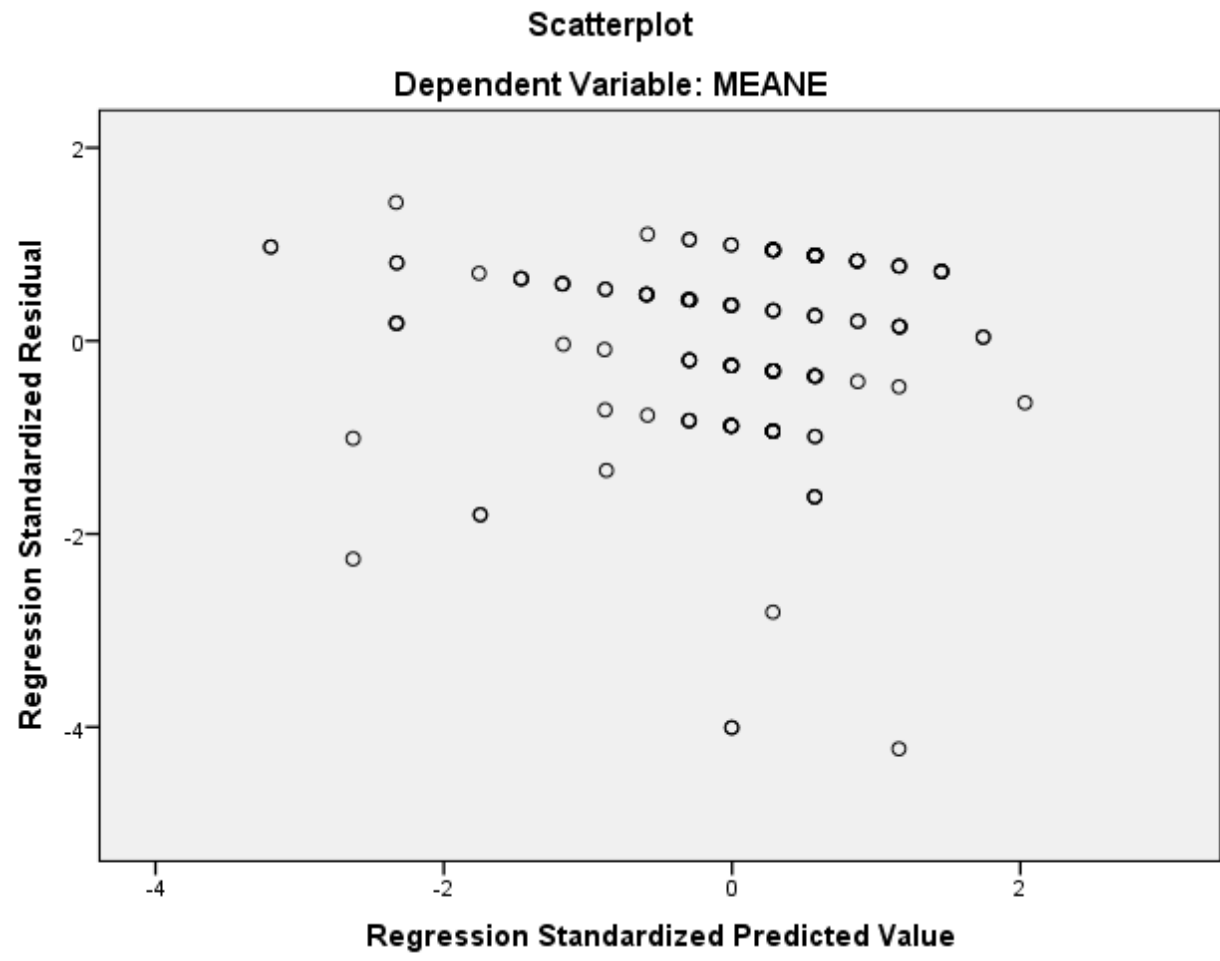
a. Dependent Variable: MEANE

Charts

Histogram

Dependent Variable: MEANE





Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	MEAND, MEANC ^b	.	Enter

- a. Dependent Variable: MEANF
- 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	df2	Sig. F Change
1	.101 ^a	.010	-.004	1.10584	.010	.733	2	143	.482

- a. Predictors: (Constant), MEAND, MEANC
- b. Dependent Variable: MEANF

ANOVA^a

Model	Sum of Squares	df	Mean Square	F	Sig.
1 Regression	1.793	2	.896	.733	.482 ^b
Residual	174.873	143	1.223		
Total	176.666	145			

a. Dependent Variable: MEANF

b. Predictors: (Constant), MEAND, MEANC

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Correlations		
	B	Std. Error	Beta			Zero-order	Partial	Part
1 (Constant)	3.178	.784		4.053	.000			
MEANC	-.085	.112	-.063	-.759	.449	-.057	-.063	-.063
MEAND	.166	.166	.083	.999	.319	.079	.083	.083

a. Dependent Variable: MEANF

Residuals Statistics^a

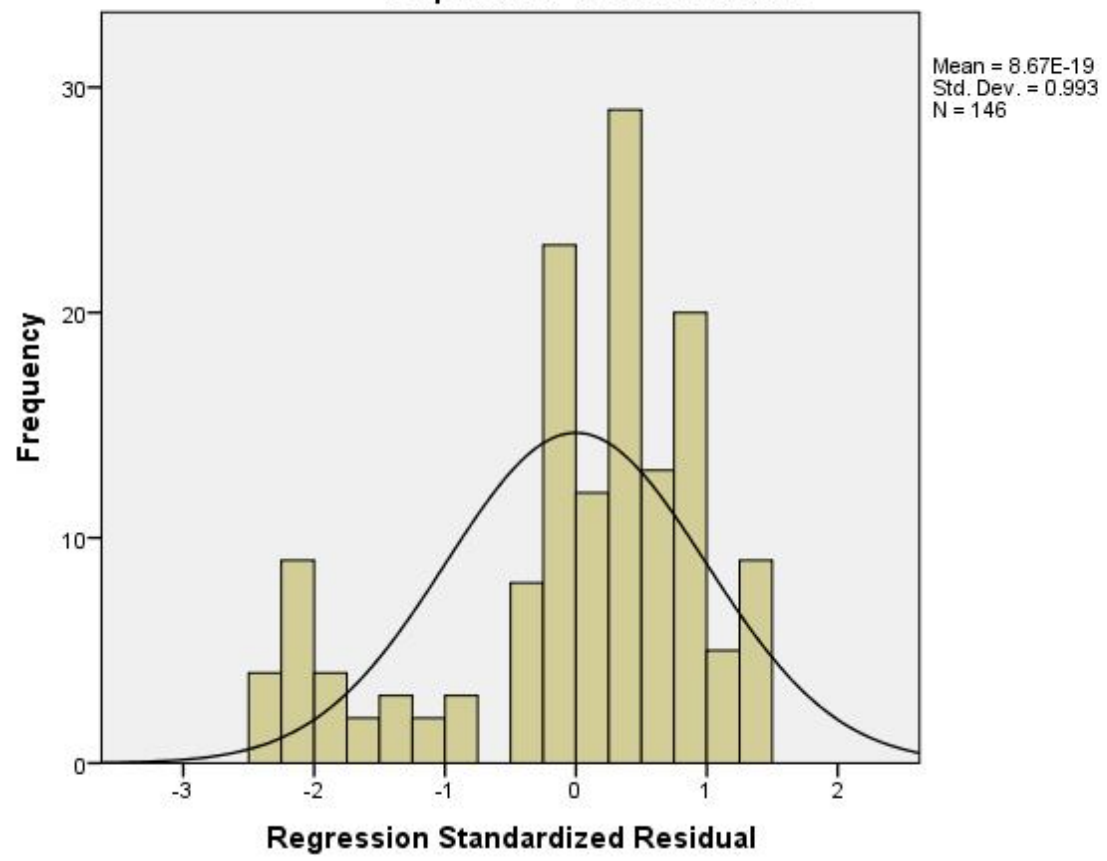
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	3.1957	3.7286	3.5240	.11119	146
Residual	-2.52995	1.55518	.00000	1.09819	146
Std. Predicted Value	-2.953	1.840	.000	1.000	146
Std. Residual	-2.288	1.406	.000	.993	146

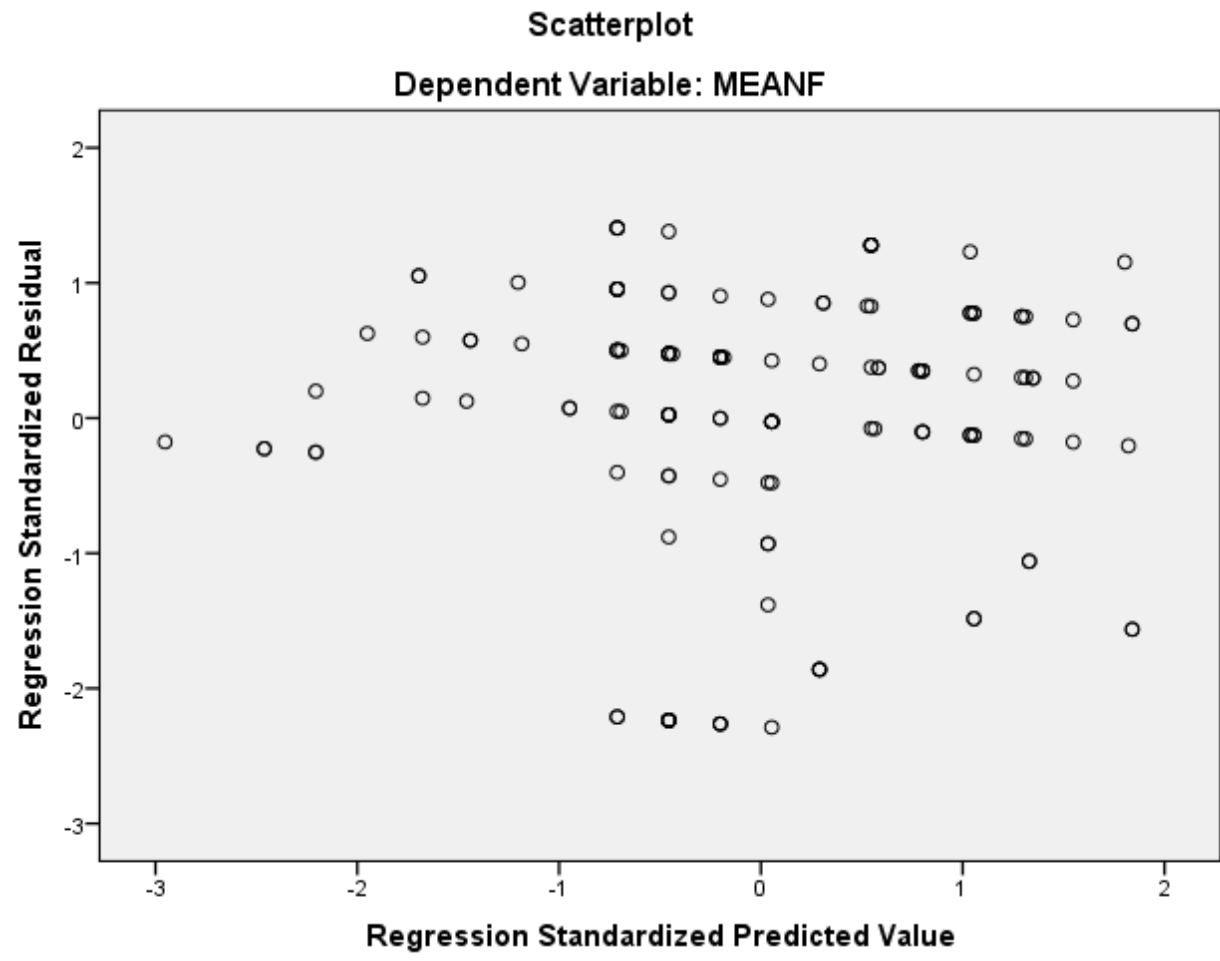
a. Dependent Variable: MEANF

Charts

Histogram

Dependent Variable: MEANF





Regression

Variables Entered/Removed ^a			
Model	Variables Entered	Variables Removed	Method
1	MEANB, MEANA ^b		. Enter
2	MEANC ^b		. Enter

a. Dependent Variable: MEANE

b. All requested variables entered.

Model Summary^c

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.511 ^a	.261	.251	.69989	.261	25.301	2	143	.000
2	.512 ^b	.262	.247	.70191	.001	.178	1	142	.674

a. Predictors: (Constant), MEANB, MEANA

b. Predictors: (Constant), MEANB, MEANA, MEANC

c. Dependent Variable: MEANE

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	24.787	2	12.394	25.301	.000 ^b
	Residual	70.048	143	.490		
	Total	94.836	145			
2	Regression	24.875	3	8.292	16.830	.000 ^c
	Residual	69.960	142	.493		
	Total	94.836	145			

a. Dependent Variable: MEANE

b. Predictors: (Constant), MEANB, MEANA

c. Predictors: (Constant), MEANB, MEANA, MEANC

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations		
		B	Std. Error	Beta			Zero-order	Partial	Part
1	(Constant)	2.966	.371		7.994	.000			
	MEANA	-.159	.067	-.171	-2.373	.019	-.180	-.195	-.171
	MEANB	.436	.065	.478	6.656	.000	.482	.486	.478
2	(Constant)	3.023	.396		7.631	.000			
	MEANA	-.154	.069	-.165	-2.244	.026	-.180	-.185	-.162
	MEANB	.449	.072	.493	6.193	.000	.482	.461	.446
	MEANC	-.034	.079	-.034	-.422	.674	.143	-.035	-.030

a. Dependent Variable: MEANE

Excluded Variables^a

Model	Beta In	t	Sig.	Partial Correlation	Collinearity Statistics	
					Tolerance	
1	MEANC	-.034 ^b	-.422	.674	-.035	.799

a. Dependent Variable: MEANE

b. Predictors in the Model: (Constant), MEANB, MEANA

CasewiseDiagnostics^a

Case Number	Std. Residual	MEANE	Predicted Value	Residual
52	-3.356	2.00	4.3555	-2.35549
89	-3.050	2.00	4.1406	-2.14056

a. Dependent Variable: MEANE

Residuals Statistics^a

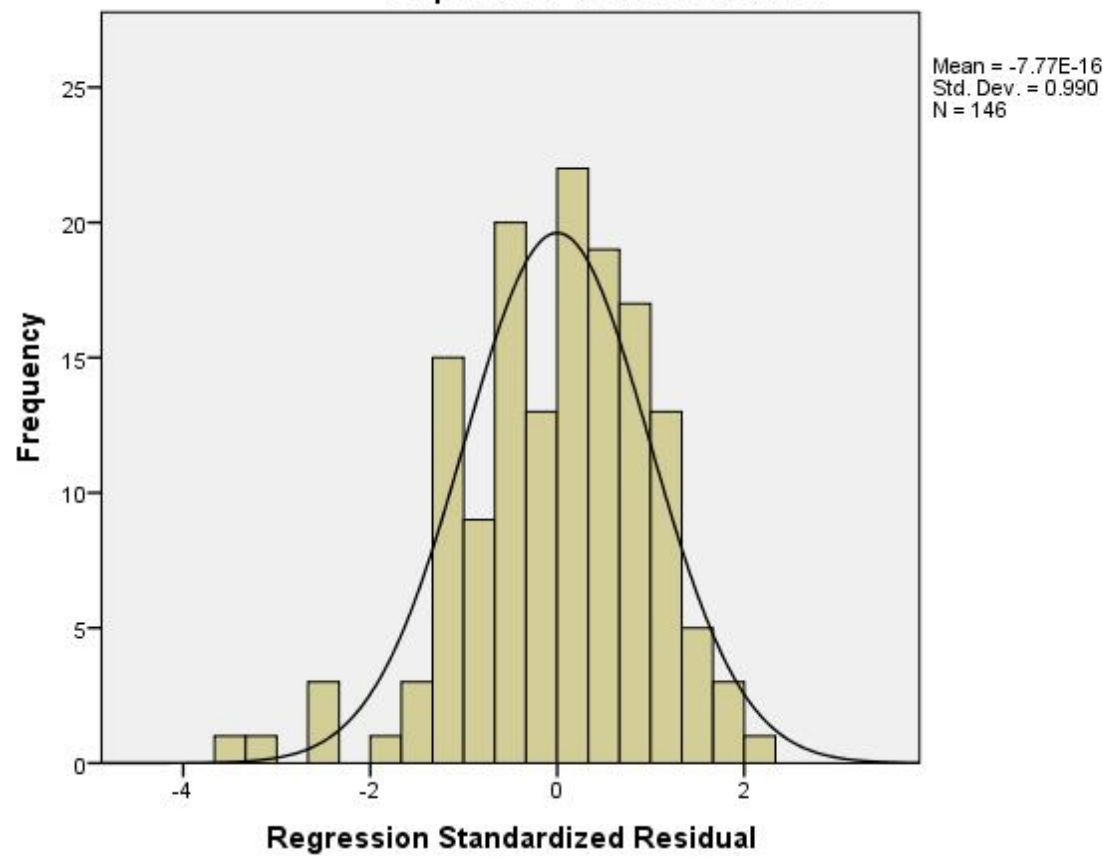
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	2.6999	4.8747	4.2055	.41419	146
Residual	-2.35549	1.50679	.00000	.69461	146
Std. Predicted Value	-3.635	1.616	.000	1.000	146
Std. Residual	-3.356	2.147	.000	.990	146

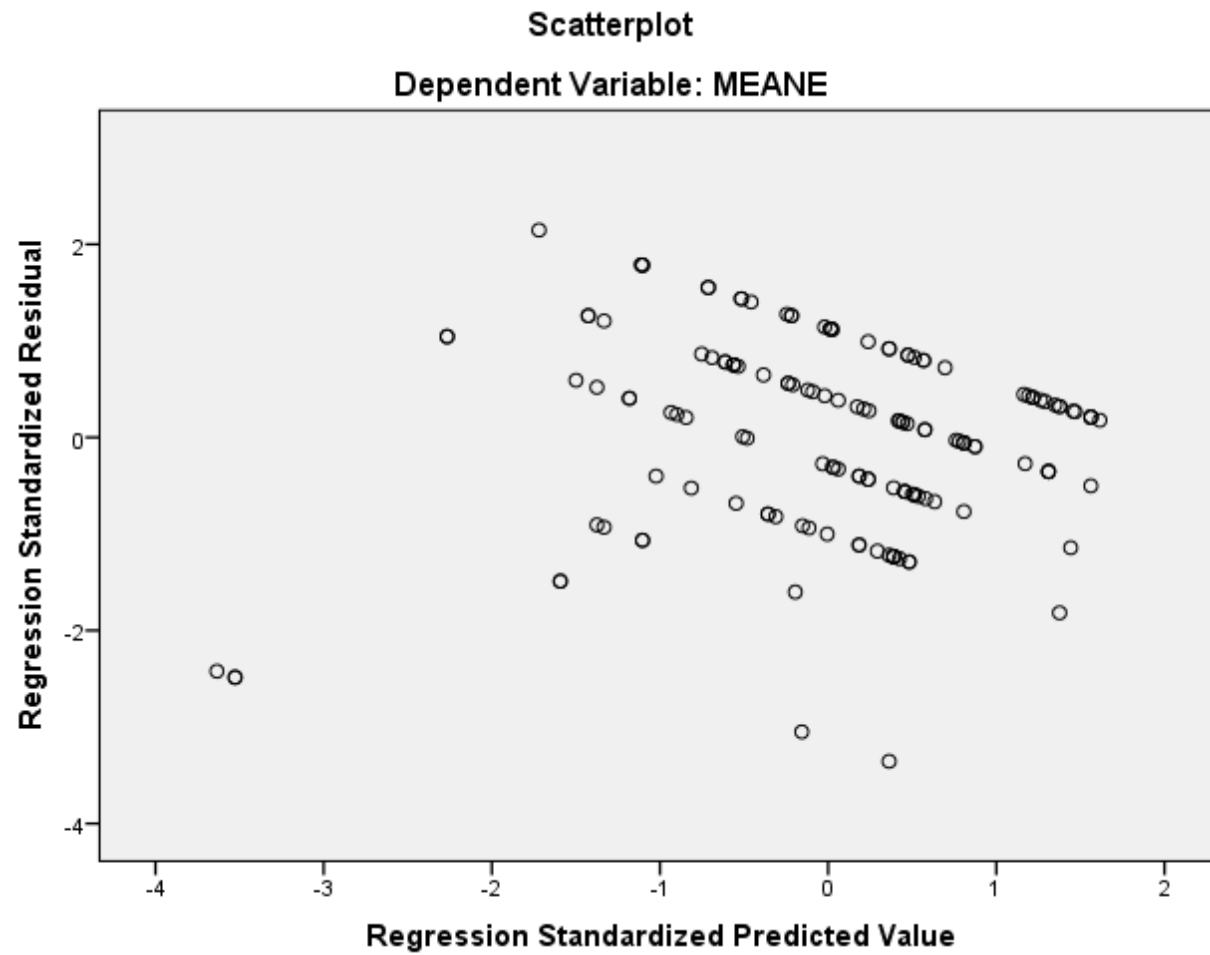
a. Dependent Variable: MEANE

Charts

Histogram

Dependent Variable: MEANE





Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	MEANB, MEANA ^b		. Enter
2	MEANC ^b		. Enter

a. Dependent Variable: MEANF

b. All requested variables entered.

Model Summary^c

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.591 ^a	.349	.340	.89662	.349	38.378	2	143	.000
2	.618 ^b	.382	.369	.87701	.033	7.466	1	142	.007

a. Predictors: (Constant), MEANB, MEANA

b. Predictors: (Constant), MEANB, MEANA, MEANC

c. Dependent Variable: MEANF

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	61.706	2	30.853	38.378	.000 ^b
	Residual	114.960	143	.804		
	Total	176.666	145			
2	Regression	67.448	3	22.483	29.231	.000 ^c
	Residual	109.218	142	.769		
	Total	176.666	145			

a. Dependent Variable: MEANF

b. Predictors: (Constant), MEANB, MEANA

c. Predictors: (Constant), MEANB, MEANA, MEANC

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations		
		B	Std. Error	Beta			Zero-order	Partial	Part
1	(Constant)	.731	.475		1.538	.126			
	MEANA	.754	.086	.591	8.760	.000	.591	.591	.591
	MEANB	.023	.084	.019	.280	.780	.007	.023	.019
2	(Constant)	1.196	.495		2.415	.017			
	MEANA	.798	.086	.626	9.311	.000	.591	.616	.614
	MEANB	.128	.091	.103	1.414	.159	.007	.118	.093
	MEANC	-.271	.099	-.202	-2.732	.007	-.057	-.223	-.180

a. Dependent Variable: MEANF

Excluded Variables^a

Model	Beta In	T	Sig.	Partial Correlation	Collinearity Statistics	
					Tolerance	
1	MEANC	-.202 ^b	-2.732	.007	-.223	.799

a. Dependent Variable: MEANF

b. Predictors in the Model: (Constant), MEANB, MEANA

CasewiseDiagnostics^a

Case Number	Std. Residual	MEANF	Predicted Value	Residual
127	3.004	5.00	2.3652	2.63477

a. Dependent Variable: MEANF

Residuals Statistics^a

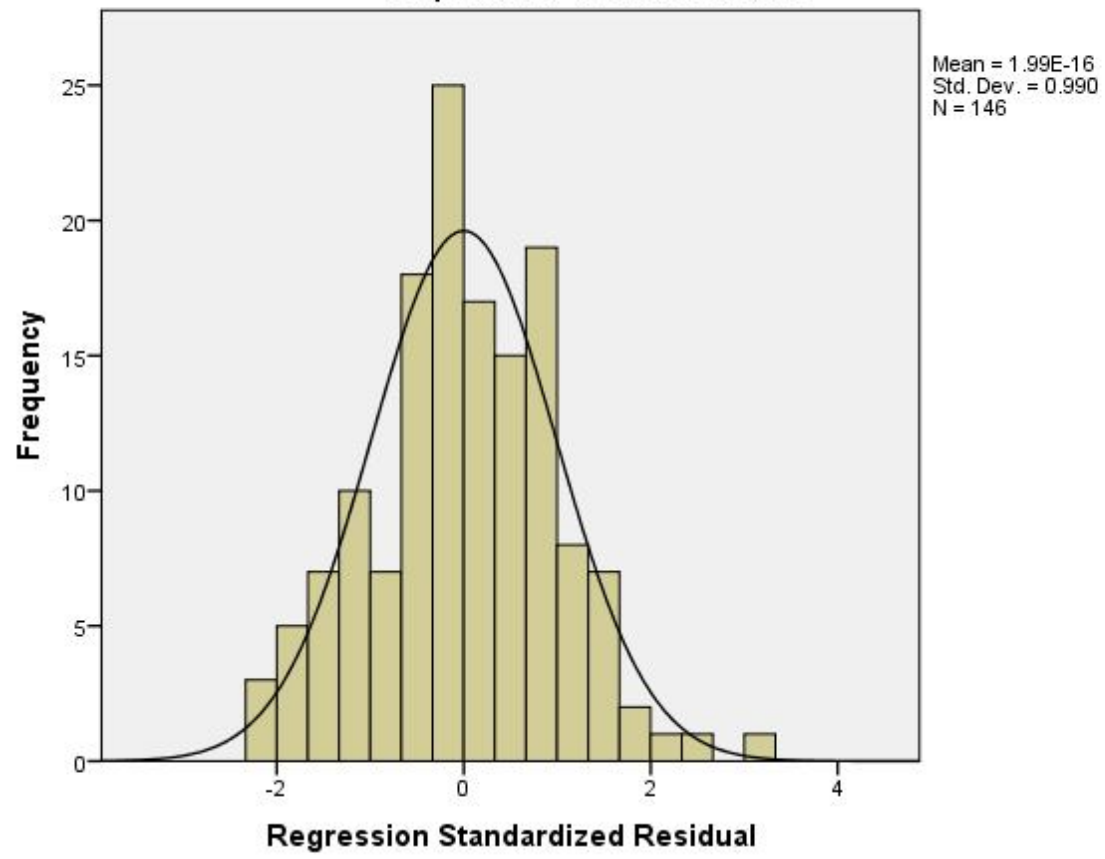
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.9344	4.6307	3.5240	.68203	146
Residual	-1.94488	2.63477	.00000	.86789	146
Std. Predicted Value	-2.331	1.623	.000	1.000	146
Std. Residual	-2.218	3.004	.000	.990	146

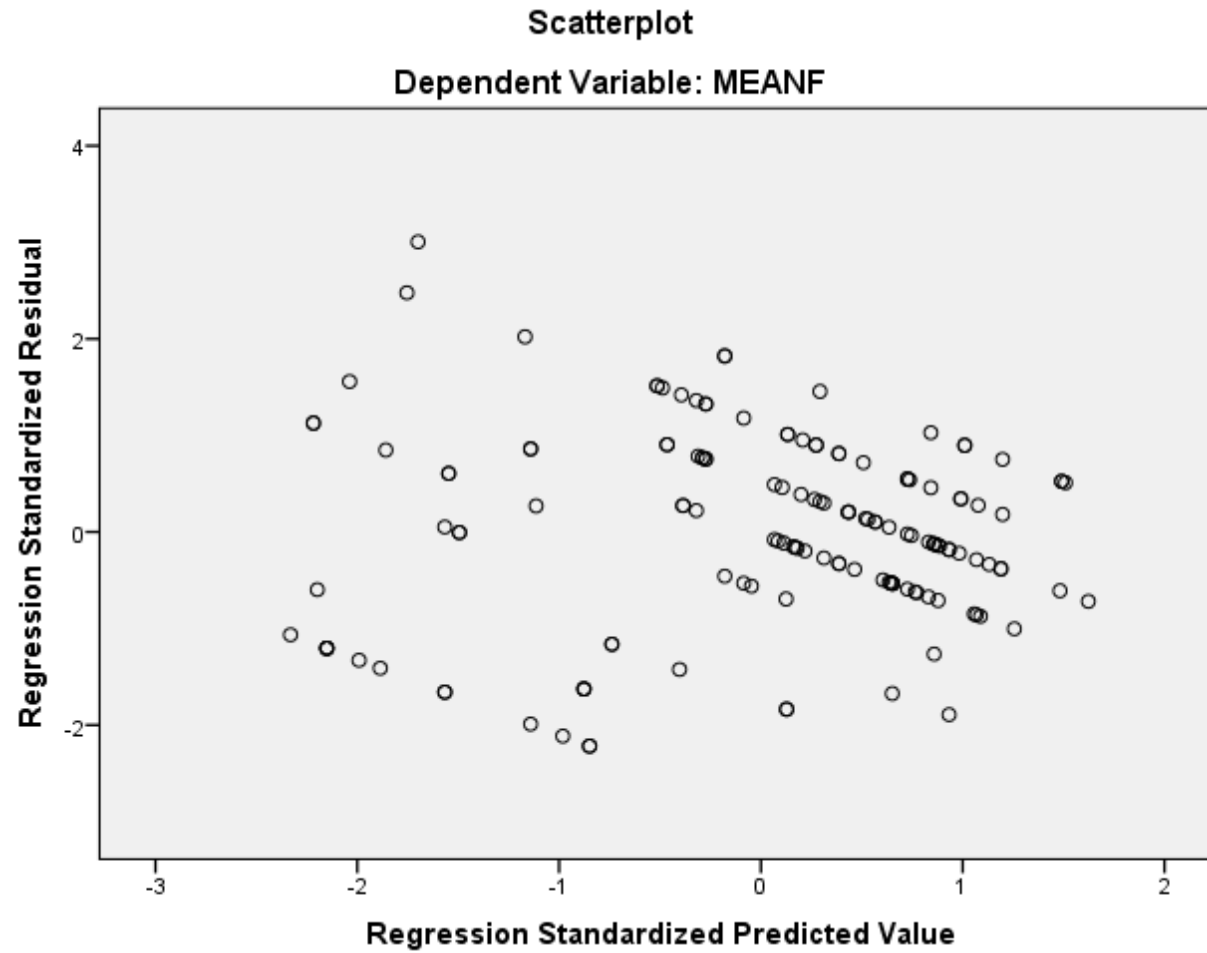
a. Dependent Variable: MEANF

Charts

Histogram

Dependent Variable: MEANF





Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	MEANB, MEANA ^b		. Enter
2	MEAND ^b		. Enter

a. Dependent Variable: MEANE

b. All requested variables entered.

Model Summary^c

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.511 ^a	.261	.251	.69989	.261	25.301	2	143	.000
2	.544 ^b	.296	.281	.68585	.034	6.916	1	142	.009

a. Predictors: (Constant), MEANB, MEANA

b. Predictors: (Constant), MEANB, MEANA, MEAND

c. Dependent Variable: MEANE

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	24.787	2	12.394	25.301	.000 ^b
	Residual	70.048	143	.490		
	Total	94.836	145			
2	Regression	28.041	3	9.347	19.871	.000 ^c
	Residual	66.795	142	.470		
	Total	94.836	145			

a. Dependent Variable: MEANE

b. Predictors: (Constant), MEANB, MEANA

c. Predictors: (Constant), MEANB, MEANA, MEAND

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations		
		B	Std. Error	Beta			Zero-order	Partial	Part
1	(Constant)	2.966	.371		7.994	.000			
	MEANA	-.159	.067	-.171	-2.373	.019	-.180	-.195	-.171
	MEANB	.436	.065	.478	6.656	.000	.482	.486	.478
2	(Constant)	2.035	.507		4.012	.000			
	MEANA	-.219	.070	-.235	-3.148	.002	-.180	-.255	-.222
	MEANB	.430	.064	.472	6.700	.000	.482	.490	.472
	MEAND	.286	.109	.196	2.630	.009	.131	.216	.185

a. Dependent Variable: MEANE

Excluded Variables^a

Model	Beta In	t	Sig.	Partial Correlation	Collinearity Statistics	
					Tolerance	
1	MEAND	.196 ^b	2.630	.009	.216	.892

a. Dependent Variable: MEANE

b. Predictors in the Model: (Constant), MEANB, MEANA

CasewiseDiagnostics^a

Case Number	Std. Residual	MEANE	Predicted Value	Residual
52	-3.341	2.00	4.2915	-2.29150

a. Dependent Variable: MEANE

Residuals Statistics^a

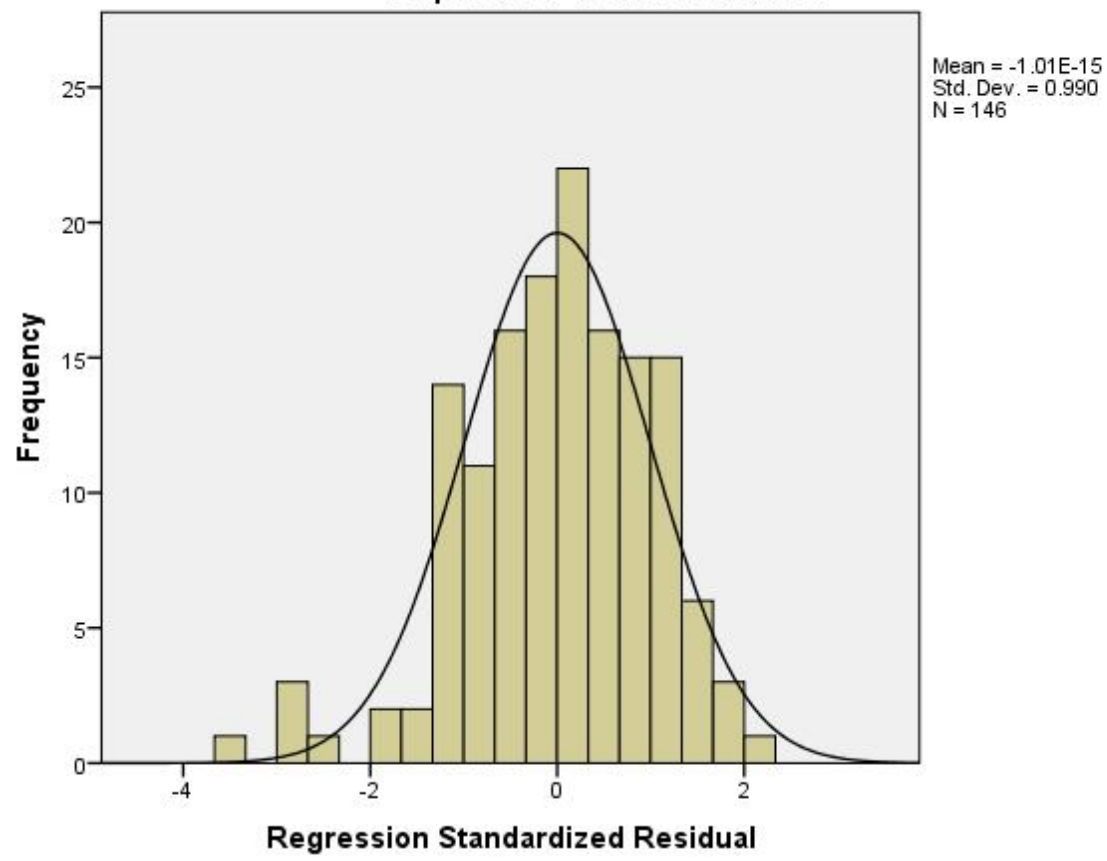
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	2.8763	4.9826	4.2055	.43975	146
Residual	-2.29150	1.42780	.00000	.67872	146
Std. Predicted Value	-3.023	1.767	.000	1.000	146
Std. Residual	-3.341	2.082	.000	.990	146

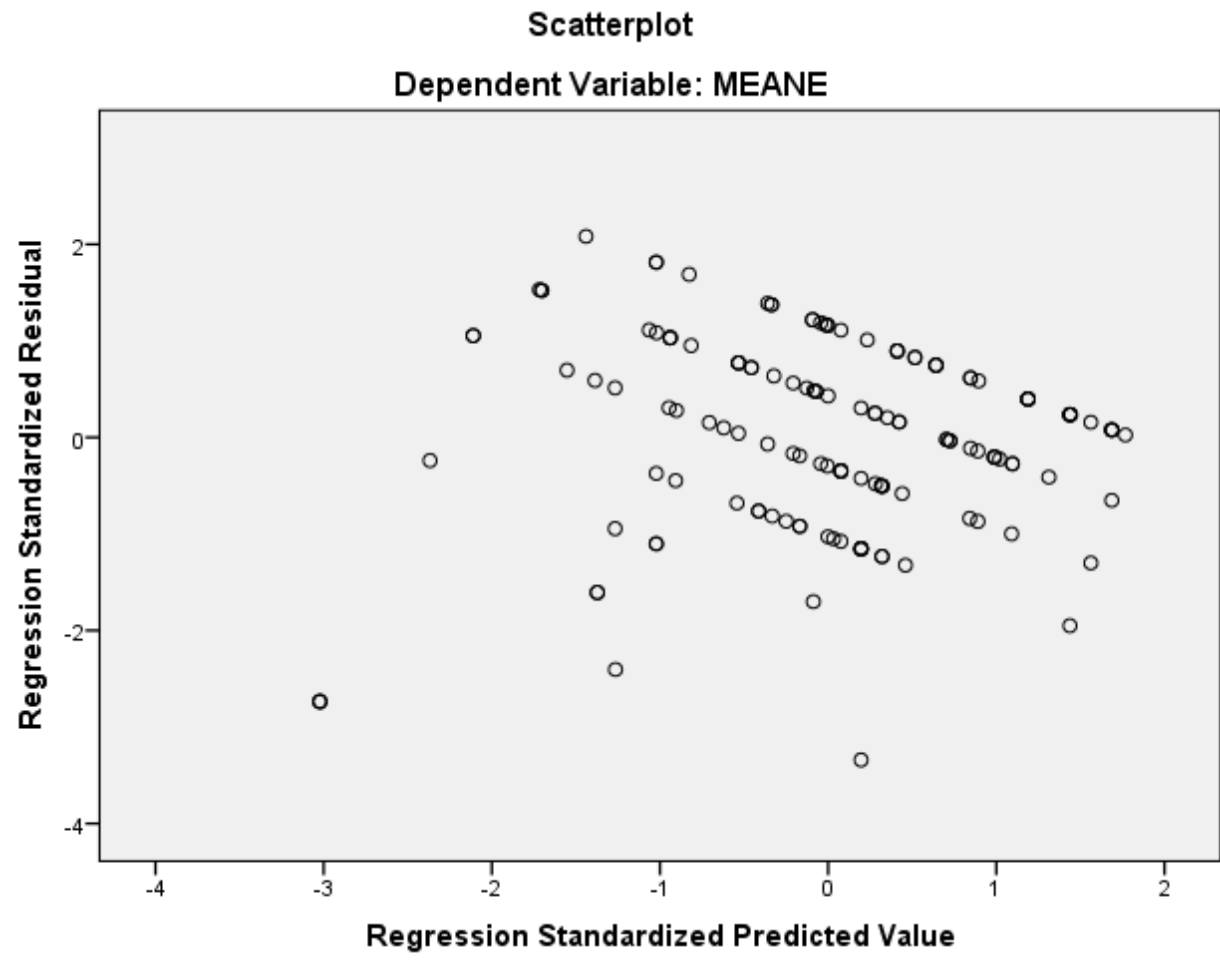
a. Dependent Variable: MEANE

Charts

Histogram

Dependent Variable: MEANE





Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	MEANB, MEANA ^b		. Enter
2	MEAND ^b		. Enter

a. Dependent Variable: MEANF
 b. All requested variables entered.

Model Summary^c

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.591 ^a	.349	.340	.89662	.349	38.378	2	143	.000
2	.603 ^b	.364	.351	.88949	.015	3.301	1	142	.071

a. Predictors: (Constant), MEANB, MEANA
 b. Predictors: (Constant), MEANB, MEANA, MEAND

c. Dependent Variable: MEANF

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	61.706	2	30.853	38.378	.000 ^b
	Residual	114.960	143	.804		
	Total	176.666	145			
2	Regression	64.317	3	21.439	27.097	.000 ^c
	Residual	112.349	142	.791		
	Total	176.666	145			

a. Dependent Variable: MEANF

b. Predictors: (Constant), MEANB, MEANA

c. Predictors: (Constant), MEANB, MEANA, MEAND

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations		
		B	Std. Error	Beta			Zero-order	Partial	Part
1	(Constant)	.731	.475		1.538	.126			
	MEANA	.754	.086	.591	8.760	.000	.591	.591	.591
	MEANB	.023	.084	.019	.280	.780	.007	.023	.019
2	(Constant)	1.565	.658		2.378	.019			
	MEANA	.807	.090	.633	8.939	.000	.591	.600	.598
	MEANB	.029	.083	.023	.343	.732	.007	.029	.023
	MEAND	-.256	.141	-.129	-1.817	.071	.079	-.151	-.122

a. Dependent Variable: MEANF

Excluded Variables^a

Model	Beta In	t	Sig.	Partial Correlation	Collinearity Statistics	
					Tolerance	
1	MEAND	-.129 ^b	-1.817	.071	-.151	.892

a. Dependent Variable: MEANF

b. Predictors in the Model: (Constant), MEANB, MEANA

Residuals Statistics^a

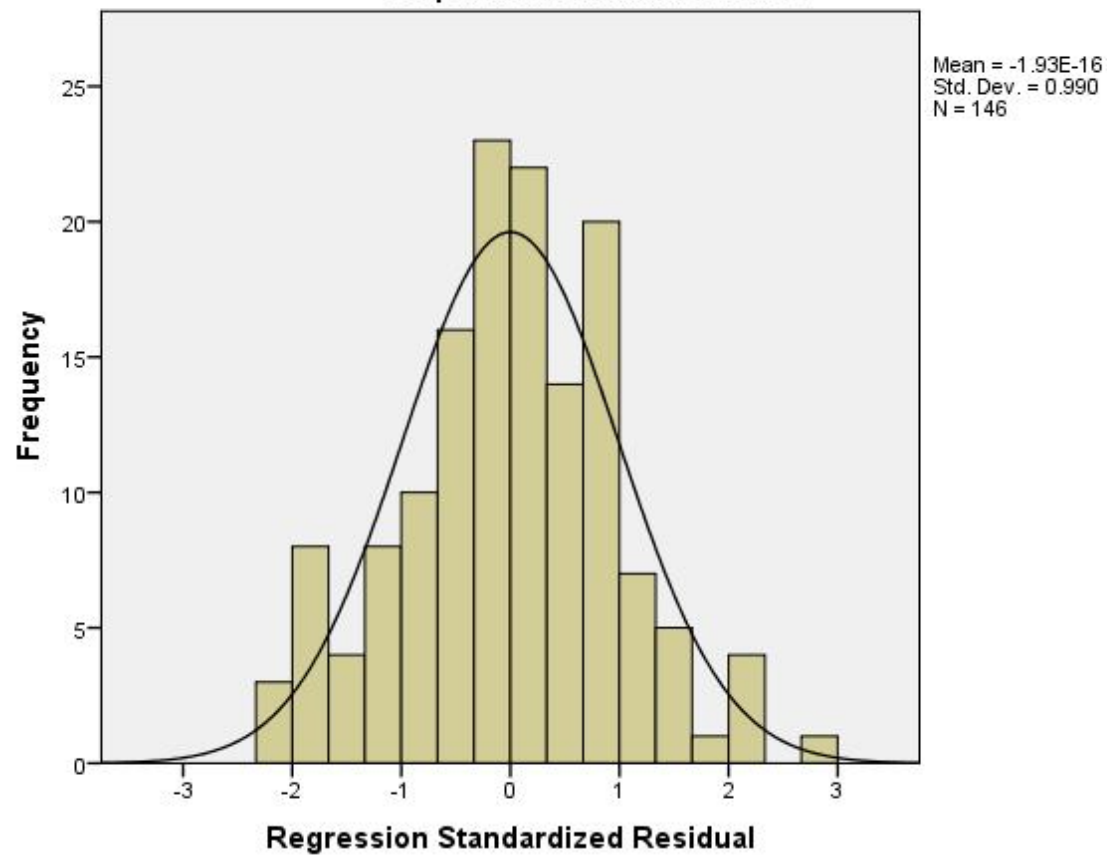
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.9591	4.4947	3.5240	.66601	146
Residual	-1.90165	2.50196	.00000	.88024	146
Std. Predicted Value	-2.350	1.457	.000	1.000	146
Std. Residual	-2.138	2.813	.000	.990	146

a. Dependent Variable: MEANF

Charts

Histogram

Dependent Variable: MEANF



Scatterplot

Dependent Variable: MEANF

