Regression

Notes

Output Created		16-AUG-2024 13:44:11
Comments		
Input	Data	C:\Users\bcumbie\Downloads\twoOfBIG5-direct-and-mods.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	228
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.
Syntax		REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS BCOV R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.10) TOLERANCE(.0001) /NOORIGIN /DEPENDENT PEMERLEAD /METHOD=ENTER UNIV COURSE TEAM SIZE EXP GENDER EDU ETHNICITY /METHOD=ENTER CONSC /METHOD=ENTER EXTRAV /METHOD=ENTER PCOGCOMP /METHOD=ENTER MODCONSC /METHOD=ENTER MODEXTRAV /RESIDUALS HISTOGRAM(ZRESID) NORMPROB(ZRESID).

Notes

Resources	Processor Time	00:00:01.22
	Elapsed Time	00:00:00.78
	Memory Required	13312 bytes
	Additional Memory Required for Residual Plots	448 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
PEMERLEAD	3.7533	.79701	228
UNIV	1.40	.492	228
COURSE	3.04	1.390	228
TEAM	5.69	3.167	228
SIZE	4.48	.619	228
EXP	1.65	.477	228
GENDER	1.60	.582	228
EDU	2.61	.958	228
ETHNICITY	3.11	1.814	228
CONSC	4.1091	.59199	228
EXTRAV	3.4119	.77423	228
PCOGCOMP	4.1099	.55851	228
MODCONSC	16.8888	3.35192	228
MODEXTRAV	14.0874	3.95950	228

Correlations

		PEMERLEAD	UNIV	COURSE	TEAM	SIZE
Pearson Correlation	PEMERLEAD	1.000	.114	.076	-.144	.020
	UNIV	.114	1.000	.866	-.032	.023
	COURSE	.076	.866	1.000	-.016	.034
	TEAM	-.144	-.032	-.016	1.000	-.393
	SIZE	.020	.023	.034	-.393	1.000
	EXP	-.119	.223	.193	.121	-.058
	GENDER	.051	.079	.003	.108	.005
	EDU	.108	.476	.475	-.007	.029
	ETHNICITY	.062	.585	.501	.003	.108
	CONSC	.071	.183	.178	-.043	.134
	EXTRAV	.201	.212	.239	.014	.002
	PCOGCOMP	.764	.094	.015	-.159	.119
	MODCONSC	.566	.193	.135	-.145	.175
	MODEXTRAV	.517	.219	.197	-.069	.056
Sig. (1-tailed)	PEMERLEAD	.	.043	.128	.015	.384
	UNIV	.043	.	.000	.315	.363
	COURSE	.128	.000	.	.404	.304
	TEAM	.015	.315	.404	.	.000
	SIZE	.384	.363	.304	.000	.
	EXP	.037	.000	.002	.034	.192
	GENDER	.221	.118	.479	.051	.472
	EDU	.052	.000	.000	.459	.330
	ETHNICITY	.174	.000	.000	.481	.052
	CONSC	.142	.003	.004	.261	.022
	EXTRAV	.001	.001	.000	.415	.487
	PCOGCOMP	.000	.078	.413	.008	.036
	MODCONSC	.000	.002	.021	.015	.004
	MODEXTRAV	.000	.000	.001	.149	.198
N	PEMERLEAD	228	228	228	228	228
	UNIV	228	228	228	228	228
	COURSE	228	228	228	228	228
	TEAM	228	228	228	228	228
	SIZE	228	228	228	228	228
	EXP	228	228	228	228	228
	GENDER	228	228	228	228	228
	EDU	228	228	228	228	228
	ETHNICITY	228	228	228	228	228
	CONSC	228	228	228	228	228
	EXTRAV	228	228	228	228	228

Correlations

		EXP	GENDER	EDU	ETHNICITY	CONSC
Pearson Correlation	PEMERLEAD	-.119	.051	.108	.062	.071
	UNIV	.223	.079	.476	.585	.183
	COURSE	.193	.003	.475	.501	.178
	TEAM	.121	.108	-.007	.003	-.043
	SIZE	-.058	.005	.029	.108	.134
	EXP	1.000	.034	-.143	.122	-.063
	GENDER	.034	1.000	.024	.223	-.102
	EDU	-.143	.024	1.000	.196	.249
	ETHNICITY	.122	.223	.196	1.000	-.042
	CONSC	-.063	-.102	.249	-.042	1.000
	EXTRAV	-.142	-.004	.251	.048	.360
	PCOGCOMP	-.167	.076	.108	.048	.002
	MODCONSC	-.169	-.024	.254	.014	.718
	MODEXTRAV	-.199	.028	.256	.070	.277
Sig. (1-tailed)	PEMERLEAD	.037	.221	.052	.174	.142
	UNIV	.000	.118	.000	.000	.003
	COURSE	.002	.479	.000	.000	.004
	TEAM	.034	.051	.459	.481	.261
	SIZE	.192	.472	.330	.052	.022
	EXP	.	.306	.015	.033	.174
	GENDER	.306	.	.357	.000	.063
	EDU	.015	.357	.	.002	.000
	ETHNICITY	.033	.000	.002	.	.265
	CONSC	.174	.063	.000	.265	.
	EXTRAV	.016	.475	.000	.237	.000
	PCOGCOMP	.006	.128	.051	.235	.486
	MODCONSC	.005	.358	.000	.415	.000
	MODEXTRAV	.001	.340	.000	.148	.000
N	PEMERLEAD	228	228	228	228	228
	UNIV	228	228	228	228	228
	COURSE	228	228	228	228	228
	TEAM	228	228	228	228	228
	SIZE	228	228	228	228	228
	EXP	228	228	228	228	228
	GENDER	228	228	228	228	228
	EDU	228	228	228	228	228
	ETHNICITY	228	228	228	228	228
	CONSC	228	228	228	228	228
	EXTRAV	228	228	228	228	228

Correlations

		EXTRAV	PCOGCOMP	MODCONSC	MODEXTRAV
Pearson Correlation	PEMERLEAD	.201	.764	.566	.517
	UNIV	.212	.094	.193	.219
	COURSE	.239	.015	.135	.197
	TEAM	.014	-.159	-.145	-.069
	SIZE	.002	.119	.175	.056
	EXP	-.142	-.167	-.169	-.199
	GENDER	-.004	.076	-.024	.028
	EDU	.251	.108	.254	.256
	ETHNICITY	.048	.048	.014	.070
	CONSC	.360	.002	.718	.277
	EXTRAV	1.000	.150	.352	.875
	PCOGCOMP	.150	1.000	.689	.597
	MODCONSC	.352	.689	1.000	.609
	MODEXTRAV	.875	.597	.609	1.000
Sig. (1-tailed)	PEMERLEAD	.001	<.001	<.001	<.001
	UNIV	.001	.078	.002	.000
	COURSE	.000	.413	.021	.001
	TEAM	.415	.008	.015	.149
	SIZE	.487	.036	.004	.198
	EXP	.016	.006	.005	.001
	GENDER	.475	.128	.358	.340
	EDU	.000	.051	.000	.000
	ETHNICITY	.237	.235	.415	.148
	CONSC	.000	.486	.000	.000
	EXTRAV	.	.012	.000	.000
	PCOGCOMP	.012	.	.000	.000
	MODCONSC	.000	.000	.	.000
	MODEXTRAV	.000	.000	.000	.
N	PEMERLEAD	228	228	228	228
	UNIV	228	228	228	228
	COURSE	228	228	228	228
	TEAM	228	228	228	228
	SIZE	228	228	228	228
	EXP	228	228	228	228
	GENDER	228	228	228	228
	EDU	228	228	228	228
	ETHNICITY	228	228	228	228
	CONSC	228	228	228	228
	EXTRAV	228	228	228	228

Correlations

		PEMERLEAD	UNIV	COURSE	TEAM	SIZE
	PCOGCOMP	228	228	228	228	228
	MODCONSC	228	228	228	228	228
	MODEXTRAV	228	228	228	228	228

Correlations

		EXP	GENDER	EDU	ETHNICITY	CONSC
	PCOGCOMP	228	228	228	228	228
	MODCONSC	228	228	228	228	228
	MODEXTRAV	228	228	228	228	228

Correlations

		EXTRAV	PCOGCOMP	MODCONSC	MODEXTRAV
	PCOGCOMP	228	228	228	228
	MODCONSC	228	228	228	228
	MODEXTRAV	228	228	228	228

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV[b]	.	Enter
2	CONSC[b]	.	Enter
3	EXTRAV[b]	.	Enter
4	PCOGCOMP[b]	.	Enter
5	MODCONSC[b]	.	Enter
6	MODEXTRAV[b]	.	Enter

a. Dependent Variable: PEMERLEAD

b. All requested variables entered.

Model Summary[g]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics		
					R Square Change	F Change	df1
1	.240[a]	.057	.023	.78781	.057	1.666	8
2	.243[b]	.059	.020	.78888	.002	.403	1
3	.291[c]	.085	.043	.77985	.026	6.082	1
4	.779[d]	.607	.587	.51211	.522	287.215	1
5	.786[e]	.618	.597	.50604	.011	6.216	1
6	.786[f]	.618	.595	.50708	.000	.115	1

Model Summary[g]

Model	Change Statistics	
	df2	Sig. F Change
1	219	.108
2	218	.526
3	217	.014
4	216	<.001
5	215	.013
6	214	.735

a. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV

b. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC

c. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC, EXTRAV

d. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC, EXTRAV, PCOGCOMP

e. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC, EXTRAV, PCOGCOMP, MODCONSC

f. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC, EXTRAV, PCOGCOMP, MODCONSC, MODEXTRAV

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	8.274	8	1.034	1.666	.108[b]
	Residual	135.921	219	.621		
	Total	144.194	227			
2	Regression	8.525	9	.947	1.522	.141[c]
	Residual	135.670	218	.622		
	Total	144.194	227			
3	Regression	12.223	10	1.222	2.010	.034[d]
	Residual	131.971	217	.608		
	Total	144.194	227			
4	Regression	87.547	11	7.959	30.348	<.001[e]
	Residual	56.647	216	.262		
	Total	144.194	227			
5	Regression	89.139	12	7.428	29.008	<.001[f]
	Residual	55.056	215	.256		
	Total	144.194	227			
6	Regression	89.168	13	6.859	26.676	<.001[g]
	Residual	55.026	214	.257		
	Total	144.194	227			

a. Dependent Variable: PEMERLEAD

b. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV

c. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC

d. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC, EXTRAV

e. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC, EXTRAV, PCOGCOMP

f. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC, EXTRAV, PCOGCOMP, MODCONSC

g. Predictors: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE,

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	4.103	.539		7.617	<.001
	UNIV	.302	.236	.187	1.282	.201
	COURSE	-.044	.077	-.077	-.574	.566
	TEAM	-.037	.018	-.149	-2.046	.042
	SIZE	-.062	.093	-.048	-.671	.503
	EXP	-.210	.119	-.126	-1.764	.079
	GENDER	.079	.094	.058	.846	.399
	EDU	.032	.066	.038	.483	.630
	ETHNICITY	-.003	.037	-.008	-.089	.929
2	(Constant)	3.913	.617		6.341	<.001
	UNIV	.285	.238	.176	1.197	.233
	COURSE	-.044	.077	-.077	-.574	.567
	TEAM	-.038	.018	-.151	-2.070	.040
	SIZE	-.072	.094	-.056	-.760	.448
	EXP	-.205	.119	-.123	-1.719	.087
	GENDER	.084	.094	.062	.895	.372
	EDU	.026	.067	.031	.388	.698
	ETHNICITY	.001	.038	.002	.021	.983
	CONSC	.060	.095	.045	.635	.526
3	(Constant)	3.571	.626		5.708	<.001
	UNIV	.278	.235	.171	1.181	.239
	COURSE	-.064	.077	-.111	-.833	.406
	TEAM	-.039	.018	-.156	-2.170	.031
	SIZE	-.063	.093	-.049	-.671	.503
	EXP	-.158	.120	-.095	-1.321	.188
	GENDER	.076	.093	.055	.813	.417
	EDU	.017	.066	.021	.259	.796
	ETHNICITY	.004	.037	.010	.116	.908
	CONSC	-.013	.098	-.010	-.136	.892
	EXTRAV	.184	.075	.179	2.466	.014
4	(Constant)	-.631	.480		-1.314	.190
	UNIV	-.160	.157	-.099	-1.023	.308
	COURSE	.063	.051	.110	1.237	.217
	TEAM	-.017	.012	-.068	-1.432	.154
	SIZE	-.144	.061	-.112	-2.344	.020
	EXP	.030	.079	.018	.377	.706
	GENDER	.008	.061	.006	.136	.892

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
	EDU	-.012	.044	-.014	-.272	.786
	ETHNICITY	.017	.024	.040	.709	.479
	CONSC	.086	.065	.064	1.332	.184
	EXTRAV	.065	.049	.063	1.317	.189
	PCOGCOMP	1.094	.065	.767	16.947	<.001
5	(Constant)	-4.440	1.600		-2.775	.006
	UNIV	-.181	.155	-.111	-1.165	.245
	COURSE	.062	.050	.109	1.242	.216
	TEAM	-.019	.012	-.075	-1.581	.115
	SIZE	-.155	.061	-.121	-2.551	.011
	EXP	.014	.079	.008	.173	.863
	GENDER	.000	.061	.000	.006	.995
	EDU	-.009	.043	-.011	-.217	.828
	ETHNICITY	.027	.025	.062	1.111	.268
	CONSC	1.040	.388	.773	2.681	.008
	EXTRAV	.054	.049	.052	1.096	.274
	PCOGCOMP	2.058	.392	1.442	5.254	<.001
	MODCONSC	-.233	.094	-.981	-2.493	.013
6	(Constant)	-4.523	1.622		-2.789	.006
	UNIV	-.174	.156	-.107	-1.113	.267
	COURSE	.060	.051	.105	1.192	.234
	TEAM	-.019	.012	-.075	-1.583	.115
	SIZE	-.155	.061	-.120	-2.539	.012
	EXP	.013	.079	.008	.170	.865
	GENDER	-.001	.061	-.001	-.015	.988
	EDU	-.009	.043	-.011	-.204	.839
	ETHNICITY	.027	.025	.062	1.101	.272
	CONSC	.958	.458	.712	2.090	.038
	EXTRAV	.180	.375	.175	.480	.632
	PCOGCOMP	2.079	.397	1.457	5.231	<.001
	MODCONSC	-.214	.110	-.900	-1.950	.052
	MODEXTRAV	-.030	.089	-.150	-.339	.735

a. Dependent Variable: PEMERLEAD

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
1	CONSC	.045[b]	.635	.526	.043	.874
	EXTRAV	.176[b]	2.551	.011	.170	.886
	PCOGCOMP	.771[b]	17.117	<.001	.757	.909
	MODCONSC	.586[b]	9.884	<.001	.556	.848
	MODEXTRAV	.516[b]	8.416	<.001	.495	.870
2	EXTRAV	.179[c]	2.466	.014	.165	.804
	PCOGCOMP	.775[c]	17.279	<.001	.761	.906
	MODCONSC	1.073[c]	15.851	<.001	.733	.439
	MODEXTRAV	.529[c]	8.450	<.001	.498	.832
3	PCOGCOMP	.767[d]	16.947	<.001	.755	.888
	MODCONSC	1.059[d]	15.583	<.001	.727	.432
	MODEXTRAV	1.494[d]	15.066	<.001	.716	.210
4	MODCONSC	-.981[e]	-2.493	.013	-.168	.011
	MODEXTRAV	-.599[e]	-1.571	.118	-.107	.012
5	MODEXTRAV	-.150[f]	-.339	.735	-.023	.009

a. Dependent Variable: PEMERLEAD

b. Predictors in the Model: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV

c. Predictors in the Model: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC

d. Predictors in the Model: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC, EXTRAV

e. Predictors in the Model: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC, EXTRAV, PCOGCOMP

f. Predictors in the Model: (Constant), ETHNICITY, TEAM, EXP, GENDER, EDU, SIZE, COURSE, UNIV, CONSC, EXTRAV, PCOGCOMP, MODCONSC

Coefficient Correlations[a]

Model			ETHNICITY	TEAM	EXP	GENDER	EDU
1	Correlations	ETHNICITY	1.000	-.062	.053	-.214	.133
		TEAM	-.062	1.000	-.126	-.110	-.058
		EXP	.053	-.126	1.000	-.014	.301
		GENDER	-.214	-.110	-.014	1.000	-.031
		EDU	.133	-.058	.301	-.031	1.000
		SIZE	-.133	.397	.002	-.027	-.035
		COURSE	-.029	-.044	-.043	.138	-.148
		UNIV	-.349	.100	-.173	-.066	-.220
	Covariances	ETHNICITY	.001	-4.204E-5	.000	-.001	.000
		TEAM	-4.204E-5	.000	.000	.000	-6.981E-5
		EXP	.000	.000	.014	.000	.002
		GENDER	-.001	.000	.000	.009	.000
		EDU	.000	-6.981E-5	.002	.000	.004
		SIZE	.000	.001	1.968E-5	.000	.000
		COURSE	-8.156E-5	-6.179E-5	.000	.001	-.001
		UNIV	-.003	.000	-.005	-.001	-.003
2	Correlations	ETHNICITY	1.000	-.069	.062	-.196	.106
		TEAM	-.069	1.000	-.129	-.114	-.051
		EXP	.062	-.129	1.000	-.009	.289
		GENDER	-.196	-.114	-.009	1.000	-.042
		EDU	.106	-.051	.289	-.042	1.000
		SIZE	-.156	.398	-.008	-.039	-.012
		COURSE	-.028	-.044	-.043	.137	-.147
		UNIV	-.361	.105	-.178	-.075	-.200
		CONSC	.172	-.045	.061	.084	-.141
	Covariances	ETHNICITY	.001	-4.750E-5	.000	-.001	.000
		TEAM	-4.750E-5	.000	.000	.000	-6.221E-5
		EXP	.000	.000	.014	.000	.002
		GENDER	-.001	.000	.000	.009	.000
		EDU	.000	-6.221E-5	.002	.000	.004
		SIZE	-.001	.001	-8.713E-5	.000	-7.742E-5
		COURSE	-8.213E-5	-6.191E-5	.000	.001	-.001
		UNIV	-.003	.000	-.005	-.002	-.003
		CONSC	.001	-7.820E-5	.001	.001	-.001
3	Correlations	ETHNICITY	1.000	-.070	.068	-.197	.104
		TEAM	-.070	1.000	-.132	-.112	-.049
		EXP	.068	-.132	1.000	-.015	.276
		GENDER	-.197	-.112	-.015	1.000	-.040
		EDU	.104	-.049	.276	-.040	1.000

Coefficient Correlations[a]

Model			SIZE	COURSE	UNIV	CONSC	EXTRAV
1	Correlations	ETHNICITY	-.133	-.029	-.349		
		TEAM	.397	-.044	.100		
		EXP	.002	-.043	-.173		
		GENDER	-.027	.138	-.066		
		EDU	-.035	-.148	-.220		
		SIZE	1.000	-.040	.082		
		COURSE	-.040	1.000	-.750		
		UNIV	.082	-.750	1.000		
	Covariances	ETHNICITY	.000	-8.156E-5	-.003		
		TEAM	.001	-6.179E-5	.000		
		EXP	1.968E-5	.000	-.005		
		GENDER	.000	.001	-.001		
		EDU	.000	-.001	-.003		
		SIZE	.009	.000	.002		
		COURSE	.000	.006	-.014		
		UNIV	.002	-.014	.056		
2	Correlations	ETHNICITY	-.156	-.028	-.361	.172	
		TEAM	.398	-.044	.105	-.045	
		EXP	-.008	-.043	-.178	.061	
		GENDER	-.039	.137	-.075	.084	
		EDU	-.012	-.147	-.200	-.141	
		SIZE	1.000	-.039	.098	-.155	
		COURSE	-.039	1.000	-.745	-.001	
		UNIV	.098	-.745	1.000	-.118	
		CONSC	-.155	-.001	-.118	1.000	
	Covariances	ETHNICITY	-.001	-8.213E-5	-.003	.001	
		TEAM	.001	-6.191E-5	.000	-7.820E-5	
		EXP	-8.713E-5	.000	-.005	.001	
		GENDER	.000	.001	-.002	.001	
		EDU	-7.742E-5	-.001	-.003	-.001	
		SIZE	.009	.000	.002	-.001	
		COURSE	.000	.006	-.014	-5.185E-6	
		UNIV	.002	-.014	.057	-.003	
		CONSC	-.001	-5.185E-6	-.003	.009	
3	Correlations	ETHNICITY	-.154	-.032	-.362	.152	.038
		TEAM	.397	-.040	.105	-.033	-.032
		EXP	-.001	-.059	-.178	.009	.160
		GENDER	-.041	.140	-.075	.091	-.037
		EDU	-.014	-.140	-.199	-.117	-.054

Coefficient Correlations[a]

Model			PCOGCOMP	MODCONSC	MODEXTRAV
1	Correlations	ETHNICITY			
		TEAM			
		EXP			
		GENDER			
		EDU			
		SIZE			
		COURSE			
		UNIV			
	Covariances	ETHNICITY			
		TEAM			
		EXP			
		GENDER			
		EDU			
		SIZE			
		COURSE			
		UNIV			
2	Correlations	ETHNICITY			
		TEAM			
		EXP			
		GENDER			
		EDU			
		SIZE			
		COURSE			
		UNIV			
		CONSC			
	Covariances	ETHNICITY			
		TEAM			
		EXP			
		GENDER			
		EDU			
		SIZE			
		COURSE			
		UNIV			
		CONSC			
3	Correlations	ETHNICITY			
		TEAM			
		EXP			
		GENDER			
		EDU			

Coefficient Correlations[a]

Model			ETHNICITY	TEAM	EXP	GENDER	EDU
		SIZE	-.154	.397	-.001	-.041	-.014
		COURSE	-.032	-.040	-.059	.140	-.140
		UNIV	-.362	.105	-.178	-.075	-.199
		CONSC	.152	-.033	.009	.091	-.117
		EXTRAV	.038	-.032	.160	-.037	-.054
	Covariances	ETHNICITY	.001	-4.723E-5	.000	-.001	.000
		TEAM	-4.723E-5	.000	.000	.000	-5.875E-5
		EXP	.000	.000	.014	.000	.002
		GENDER	-.001	.000	.000	.009	.000
		EDU	.000	-5.875E-5	.002	.000	.004
		SIZE	-.001	.001	-1.431E-5	.000	-8.887E-5
		COURSE	-9.157E-5	-5.597E-5	-.001	.001	-.001
		UNIV	-.003	.000	-.005	-.002	-.003
		CONSC	.001	-5.938E-5	.000	.001	-.001
		EXTRAV	.000	-4.267E-5	.001	.000	.000
4	Correlations	ETHNICITY	1.000	-.066	.071	-.199	.102
		TEAM	-.066	1.000	-.115	-.119	-.053
		EXP	.071	-.115	1.000	-.024	.268
		GENDER	-.199	-.119	-.024	1.000	-.038
		EDU	.102	-.053	.268	-.038	1.000
		SIZE	-.156	.385	-.012	-.035	-.011
		COURSE	-.027	-.024	-.037	.129	-.144
		UNIV	-.362	.085	-.197	-.063	-.189
		CONSC	.154	-.023	.022	.085	-.120
		EXTRAV	.033	-.047	.137	-.028	-.048
		PCOGCOMP	.031	.109	.140	-.065	-.039
	Covariances	ETHNICITY	.001	-1.936E-5	.000	.000	.000
		TEAM	-1.936E-5	.000	.000	-8.724E-5	-2.758E-5
		EXP	.000	.000	.006	.000	.001
		GENDER	.000	-8.724E-5	.000	.004	.000
		EDU	.000	-2.758E-5	.001	.000	.002
		SIZE	.000	.000	-5.944E-5	.000	-3.009E-5
		COURSE	-3.373E-5	-1.435E-5	.000	.000	.000
		UNIV	-.001	.000	-.002	-.001	-.001
		CONSC	.000	-1.791E-5	.000	.000	.000
		EXTRAV	4.051E-5	-2.758E-5	.001	-8.380E-5	.000
		PCOGCOMP	4.974E-5	8.462E-5	.001	.000	.000
5	Correlations	ETHNICITY	1.000	-.074	.057	-.204	.105
		TEAM	-.074	1.000	-.110	-.115	-.054

Coefficient Correlations[a]

Model			SIZE	COURSE	UNIV	CONSC	EXTRAV
		SIZE	1.000	-.043	.098	-.159	.040
		COURSE	-.043	1.000	-.740	.031	-.103
		UNIV	.098	-.740	1.000	-.109	-.012
		CONSC	-.159	.031	-.109	1.000	-.303
		EXTRAV	.040	-.103	-.012	-.303	1.000
	Covariances	ETHNICITY	-.001	-9.157E-5	-.003	.001	.000
		TEAM	.001	-5.597E-5	.000	-5.938E-5	-4.267E-5
		EXP	-1.431E-5	-.001	-.005	.000	.001
		GENDER	.000	.001	-.002	.001	.000
		EDU	-8.887E-5	-.001	-.003	-.001	.000
		SIZE	.009	.000	.002	-.001	.000
		COURSE	.000	.006	-.013	.000	-.001
		UNIV	.002	-.013	.055	-.003	.000
		CONSC	-.001	.000	-.003	.010	-.002
		EXTRAV	.000	-.001	.000	-.002	.006
4	Correlations	ETHNICITY	-.156	-.027	-.362	.154	.033
		TEAM	.385	-.024	.085	-.023	-.047
		EXP	-.012	-.037	-.197	.022	.137
		GENDER	-.035	.129	-.063	.085	-.028
		EDU	-.011	-.144	-.189	-.120	-.048
		SIZE	1.000	-.054	.109	-.165	.050
		COURSE	-.054	1.000	-.746	.044	-.122
		UNIV	.109	-.746	1.000	-.122	.012
		CONSC	-.165	.044	-.122	1.000	-.312
		EXTRAV	.050	-.122	.012	-.312	1.000
		PCOGCOMP	-.078	.147	-.165	.091	-.142
	Covariances	ETHNICITY	.000	-3.373E-5	-.001	.000	4.051E-5
		TEAM	.000	-1.435E-5	.000	-1.791E-5	-2.758E-5
		EXP	-5.944E-5	.000	-.002	.000	.001
		GENDER	.000	.000	-.001	.000	-8.380E-5
		EDU	-3.009E-5	.000	-.001	.000	.000
		SIZE	.004	.000	.001	-.001	.000
		COURSE	.000	.003	-.006	.000	.000
		UNIV	.001	-.006	.025	-.001	9.235E-5
		CONSC	-.001	.000	-.001	.004	-.001
		EXTRAV	.000	.000	9.235E-5	-.001	.002
		PCOGCOMP	.000	.000	-.002	.000	.000
5	Correlations	ETHNICITY	-.165	-.027	-.365	.184	.018
		TEAM	.387	-.023	.088	-.057	-.041

Coefficient Correlations[a]

Model			PCOGCOMP	MODCONSC	MODEXTRAV
		SIZE			
		COURSE			
		UNIV			
		CONSC			
		EXTRAV			
	Covariances	ETHNICITY			
		TEAM			
		EXP			
		GENDER			
		EDU			
		SIZE			
		COURSE			
		UNIV			
		CONSC			
		EXTRAV			
4	Correlations	ETHNICITY	.031		
		TEAM	.109		
		EXP	.140		
		GENDER	-.065		
		EDU	-.039		
		SIZE	-.078		
		COURSE	.147		
		UNIV	-.165		
		CONSC	.091		
		EXTRAV	-.142		
		PCOGCOMP	1.000		
	Covariances	ETHNICITY	4.974E-5		
		TEAM	8.462E-5		
		EXP	.001		
		GENDER	.000		
		EDU	.000		
		SIZE	.000		
		COURSE	.000		
		UNIV	-.002		
		CONSC	.000		
		EXTRAV	.000		
		PCOGCOMP	.004		
5	Correlations	ETHNICITY	.164	-.161	
		TEAM	-.035	.054	

Coefficient Correlations[a]

Model			ETHNICITY	TEAM	EXP	GENDER	EDU
		EXP	.057	-.110	1.000	-.019	.265
		GENDER	-.204	-.115	-.019	1.000	-.039
		EDU	.105	-.054	.265	-.039	1.000
		SIZE	-.165	.387	-.006	-.031	-.013
		COURSE	-.027	-.023	-.037	.129	-.144
		UNIV	-.365	.088	-.191	-.060	-.190
		CONSC	.184	-.057	-.079	-.038	.003
		EXTRAV	.018	-.041	.144	-.023	-.050
		PCOGCOMP	.164	-.035	-.060	-.062	.016
		MODCONSC	-.161	.054	.083	.053	-.023
	Covariances	ETHNICITY	.001	-2.142E-5	.000	.000	.000
		TEAM	-2.142E-5	.000	.000	-8.315E-5	-2.756E-5
		EXP	.000	.000	.006	-9.224E-5	.001
		GENDER	.000	-8.315E-5	-9.224E-5	.004	.000
		EDU	.000	-2.756E-5	.001	.000	.002
		SIZE	.000	.000	-2.836E-5	.000	-3.389E-5
		COURSE	-3.375E-5	-1.388E-5	.000	.000	.000
		UNIV	-.001	.000	-.002	-.001	-.001
		CONSC	.002	.000	-.002	-.001	4.944E-5
		EXTRAV	2.153E-5	-2.403E-5	.001	-6.729E-5	.000
		PCOGCOMP	.002	.000	-.002	-.001	.000
		MODCONSC	.000	5.953E-5	.001	.000	-9.326E-5
6	Correlations	ETHNICITY	1.000	-.073	.057	-.203	.104
		TEAM	-.073	1.000	-.110	-.114	-.055
		EXP	.057	-.110	1.000	-.019	.264
		GENDER	-.203	-.114	-.019	1.000	-.041
		EDU	.104	-.055	.264	-.041	1.000
		SIZE	-.166	.386	-.006	-.032	-.012
		COURSE	-.025	-.021	-.036	.135	-.147
		UNIV	-.364	.085	-.191	-.067	-.184
		CONSC	.167	-.039	-.063	.001	-.017
		EXTRAV	-.017	-.023	.013	-.065	.030
		PCOGCOMP	.159	-.037	-.060	-.071	.022
		MODCONSC	-.148	.037	.068	.012	-.001
		MODEXTRAV	.020	.018	.006	.063	-.037
	Covariances	ETHNICITY	.001	-2.141E-5	.000	.000	.000
		TEAM	-2.141E-5	.000	.000	-8.270E-5	-2.801E-5
		EXP	.000	.000	.006	-9.073E-5	.001
		GENDER	.000	-8.270E-5	-9.073E-5	.004	.000

Coefficient Correlations[a]

Model			SIZE	COURSE	UNIV	CONSC	EXTRAV
		EXP	-.006	-.037	-.191	-.079	.144
		GENDER	-.031	.129	-.060	-.038	-.023
		EDU	-.013	-.144	-.190	.003	-.050
		SIZE	1.000	-.054	.113	-.100	.057
		COURSE	-.054	1.000	-.745	.003	-.121
		UNIV	.113	-.745	1.000	-.072	.017
		CONSC	-.100	.003	-.072	1.000	-.143
		EXTRAV	.057	-.121	.017	-.143	1.000
		PCOGCOMP	-.086	.020	-.079	.976	-.114
		MODCONSC	.074	.004	.053	-.986	.093
	Covariances	ETHNICITY	.000	-3.375E-5	-.001	.002	2.153E-5
		TEAM	.000	-1.388E-5	.000	.000	-2.403E-5
		EXP	-2.836E-5	.000	-.002	-.002	.001
		GENDER	.000	.000	-.001	-.001	-6.729E-5
		EDU	-3.389E-5	.000	-.001	4.944E-5	.000
		SIZE	.004	.000	.001	-.002	.000
		COURSE	.000	.003	-.006	6.189E-5	.000
		UNIV	.001	-.006	.024	-.004	.000
		CONSC	-.002	6.189E-5	-.004	.151	-.003
		EXTRAV	.000	.000	.000	-.003	.002
		PCOGCOMP	-.002	.000	-.005	.148	-.002
		MODCONSC	.000	1.907E-5	.001	-.036	.000
6	Correlations	ETHNICITY	-.166	-.025	-.364	.167	-.017
		TEAM	.386	-.021	.085	-.039	-.023
		EXP	-.006	-.036	-.191	-.063	.013
		GENDER	-.032	.135	-.067	.001	-.065
		EDU	-.012	-.147	-.184	-.017	.030
		SIZE	1.000	-.056	.114	-.095	.026
		COURSE	-.056	1.000	-.748	.063	-.130
		UNIV	.114	-.748	1.000	-.126	.124
		CONSC	-.095	.063	-.126	1.000	-.541
		EXTRAV	.026	-.130	.124	-.541	1.000
		PCOGCOMP	-.082	.001	-.058	.733	.143
		MODCONSC	.073	-.056	.109	-.990	.525
		MODEXTRAV	-.019	.115	-.123	.530	-.991
	Covariances	ETHNICITY	.000	-3.108E-5	-.001	.002	.000
		TEAM	.000	-1.273E-5	.000	.000	.000
		EXP	-2.905E-5	.000	-.002	-.002	.000
		GENDER	.000	.000	-.001	2.829E-5	-.001

Coefficient Correlations[a]

Model			PCOGCOMP	MODCONSC	MODEXTRAV
		EXP	-.060	.083	
		GENDER	-.062	.053	
		EDU	.016	-.023	
		SIZE	-.086	.074	
		COURSE	.020	.004	
		UNIV	-.079	.053	
		CONSC	.976	-.986	
		EXTRAV	-.114	.093	
		PCOGCOMP	1.000	-.987	
		MODCONSC	-.987	1.000	
	Covariances	ETHNICITY	.002	.000	
		TEAM	.000	5.953E-5	
		EXP	-.002	.001	
		GENDER	-.001	.000	
		EDU	.000	-9.326E-5	
		SIZE	-.002	.000	
		COURSE	.000	1.907E-5	
		UNIV	-.005	.001	
		CONSC	.148	-.036	
		EXTRAV	-.002	.000	
		PCOGCOMP	.153	-.036	
		MODCONSC	-.036	.009	
6	Correlations	ETHNICITY	.159	-.148	.020
		TEAM	-.037	.037	.018
		EXP	-.060	.068	.006
		GENDER	-.071	.012	.063
		EDU	.022	-.001	-.037
		SIZE	-.082	.073	-.019
		COURSE	.001	-.056	.115
		UNIV	-.058	.109	-.123
		CONSC	.733	-.990	.530
		EXTRAV	.143	.525	-.991
		PCOGCOMP	1.000	-.750	-.159
		MODCONSC	-.750	1.000	-.519
		MODEXTRAV	-.159	-.519	1.000
	Covariances	ETHNICITY	.002	.000	4.310E-5
		TEAM	.000	4.790E-5	1.858E-5
		EXP	-.002	.001	4.428E-5
		GENDER	-.002	8.281E-5	.000

Coefficient Correlations[a]

Model		ETHNICITY	TEAM	EXP	GENDER	EDU
	EDU	.000	-2.801E-5	.001	.000	.002
	SIZE	.000	.000	-2.905E-5	.000	-3.220E-5
	COURSE	-3.108E-5	-1.273E-5	.000	.000	.000
	UNIV	-.001	.000	-.002	-.001	-.001
	CONSC	.002	.000	-.002	2.829E-5	.000
	EXTRAV	.000	.000	.000	-.001	.000
	PCOGCOMP	.002	.000	-.002	-.002	.000
	MODCONSC	.000	4.790E-5	.001	8.281E-5	-2.824E-6
	MODEXTRAV	4.310E-5	1.858E-5	4.428E-5	.000	.000

Coefficient Correlations[a]

Model		SIZE	COURSE	UNIV	CONSC	EXTRAV
	EDU	-3.220E-5	.000	-.001	.000	.000
	SIZE	.004	.000	.001	-.003	.001
	COURSE	.000	.003	-.006	.001	-.002
	UNIV	.001	-.006	.024	-.009	.007
	CONSC	-.003	.001	-.009	.210	-.093
	EXTRAV	.001	-.002	.007	-.093	.140
	PCOGCOMP	-.002	2.685E-5	-.004	.134	.021
	MODCONSC	.000	.000	.002	-.050	.022
	MODEXTRAV	.000	.001	-.002	.022	-.033

Coefficient Correlations[a]

Model		PCOGCOMP	MODCONSC	MODEXTRAV
	EDU	.000	-2.824E-6	.000
	SIZE	-.002	.000	.000
	COURSE	2.685E-5	.000	.001
	UNIV	-.004	.002	-.002
	CONSC	.134	-.050	.022
	EXTRAV	.021	.022	-.033
	PCOGCOMP	.158	-.033	-.006
	MODCONSC	-.033	.012	-.005
	MODEXTRAV	-.006	-.005	.008

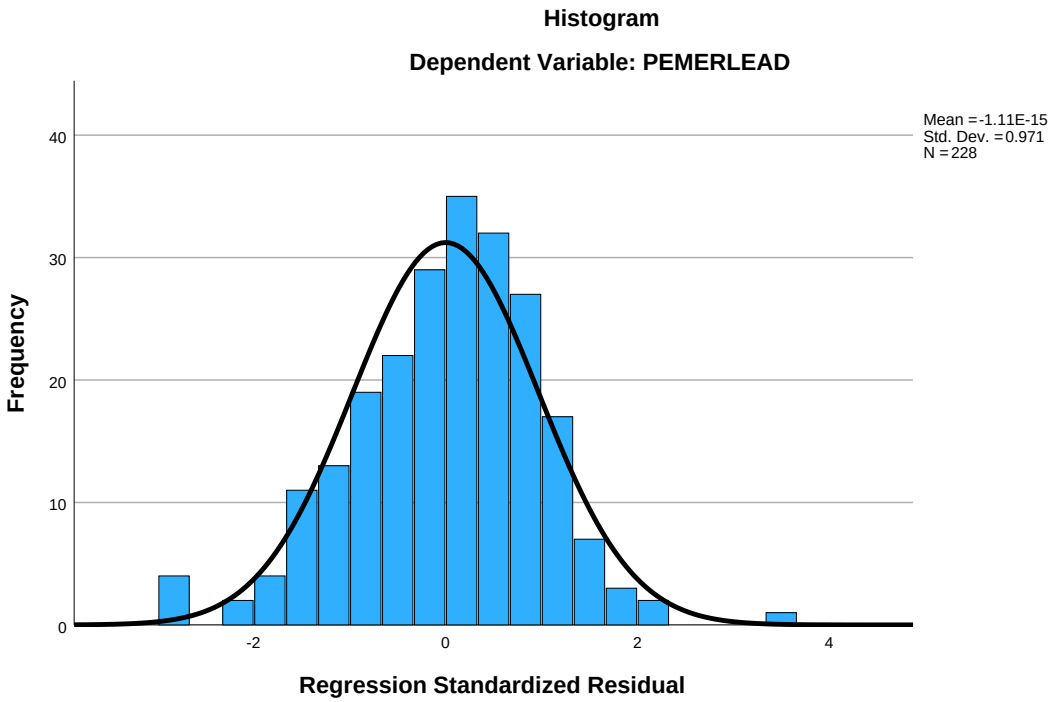
a. Dependent Variable: PEMERLEAD

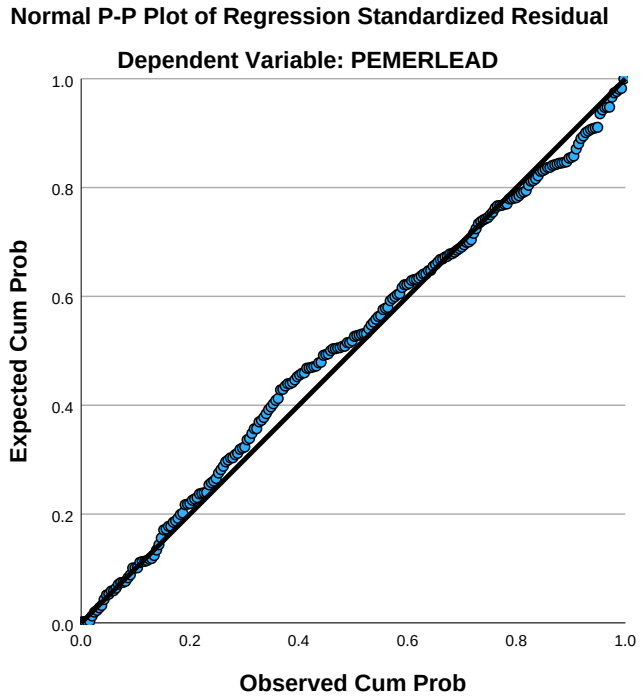
Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.0352	4.9998	3.7533	.62675	228
Residual	-1.44322	1.70597	.00000	.49235	228
Std. Predicted Value	-4.337	1.989	.000	1.000	228
Std. Residual	-2.846	3.364	.000	.971	228

a. Dependent Variable: PEMERLEAD

Charts





Regression

Notes

Output Created		16-AUG-2024 13:47:29
Comments		
Input	Data	C:\Users\bcumbie\Downloads\twoOfBIG5-direct-and-mods.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	228
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		REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS BCOV R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.10) TOLERANCE(.0001) /NOORIGIN /DEPENDENT PEMERLEAD /METHOD=ENTER SIZE /METHOD=ENTER CONSC EXTRAV /METHOD=ENTER PCOGCOMP /METHOD=ENTER MODCONSC MODEXTRAV /RESIDUALS HISTOGRAM(ZRESID) ...
Resources	Processor Time	00:00:00.64
	Elapsed Time	00:00:00.37
	Memory Required	6240 bytes
	Additional Memory Required for Residual Plots	560 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
PEMERLEAD	3.7533	.79701	228
SIZE	4.48	.619	228
CONSC	4.1091	.59199	228
EXTRAV	3.4119	.77423	228
PCOGCOMP	4.1099	.55851	228
MODCONSC	16.8888	3.35192	228
MODEXTRAV	14.0874	3.95950	228

Correlations

		PEMERLEAD	SIZE	CONSC	EXTRAV	PCOGCOMP
Pearson Correlation	PEMERLEAD	1.000	.020	.071	.201	.764
	SIZE	.020	1.000	.134	.002	.119
	CONSC	.071	.134	1.000	.360	.002
	EXTRAV	.201	.002	.360	1.000	.150
	PCOGCOMP	.764	.119	.002	.150	1.000
	MODCONSC	.566	.175	.718	.352	.689
	MODEXTRAV	.517	.056	.277	.875	.597
Sig. (1-tailed)	PEMERLEAD	.	.384	.142	.001	<.001
	SIZE	.384	.	.022	.487	.036
	CONSC	.142	.022	.	.000	.486
	EXTRAV	.001	.487	.000	.	.012
	PCOGCOMP	.000	.036	.486	.012	.
	MODCONSC	.000	.004	.000	.000	.000
	MODEXTRAV	.000	.198	.000	.000	.000
N	PEMERLEAD	228	228	228	228	228
	SIZE	228	228	228	228	228
	CONSC	228	228	228	228	228
	EXTRAV	228	228	228	228	228
	PCOGCOMP	228	228	228	228	228
	MODCONSC	228	228	228	228	228
	MODEXTRAV	228	228	228	228	228

Correlations

		MODCONSC	MODEXTRAV
Pearson Correlation	PEMERLEAD	.566	.517
	SIZE	.175	.056
	CONSC	.718	.277
	EXTRAV	.352	.875
	PCOGCOMP	.689	.597
	MODCONSC	1.000	.609
	MODEXTRAV	.609	1.000
Sig. (1-tailed)	PEMERLEAD	<.001	<.001
	SIZE	.004	.198
	CONSC	.000	.000
	EXTRAV	.000	.000
	PCOGCOMP	.000	.000
	MODCONSC	.	.000
	MODEXTRAV	.000	.
N	PEMERLEAD	228	228
	SIZE	228	228
	CONSC	228	228
	EXTRAV	228	228
	PCOGCOMP	228	228
	MODCONSC	228	228
	MODEXTRAV	228	228

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	SIZE[b]	.	Enter
2	EXTRAV, CONSC[b]	.	Enter
3	PCOGCOMP[b]	.	Enter
4	MODEXTRAV, MODCONSC[b]	.	Enter

a. Dependent Variable: PEMERLEAD

b. All requested variables entered.

Model Summary[e]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics		
					R Square Change	F Change	df1
1	.020[a]	.000	-.004	.79861	.000	.087	1
2	.202[b]	.041	.028	.78574	.041	4.734	2
3	.774[c]	.599	.592	.50899	.558	310.804	1
4	.780[d]	.609	.599	.50500	.010	2.769	2

Model Summary[e]

Model	Change Statistics	
	df2	Sig. F Change
1	226	.769
2	224	.010
3	223	<.001
4	221	.065

a. Predictors: (Constant), SIZE

b. Predictors: (Constant), SIZE, EXTRAV, CONSC

c. Predictors: (Constant), SIZE, EXTRAV, CONSC, PCOGCOMP

d. Predictors: (Constant), SIZE, EXTRAV, CONSC, PCOGCOMP, MODEXTRAV, MODCONSC

e. Dependent Variable: PEMERLEAD

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.055	1	.055	.087	.769[b]
	Residual	144.139	226	.638		
	Total	144.194	227			
2	Regression	5.900	3	1.967	3.186	.025[c]
	Residual	138.294	224	.617		
	Total	144.194	227			
3	Regression	86.421	4	21.605	83.395	<.001[d]
	Residual	57.773	223	.259		
	Total	144.194	227			
4	Regression	87.834	6	14.639	57.402	<.001[e]
	Residual	56.361	221	.255		
	Total	144.194	227			

a. Dependent Variable: PEMERLEAD

b. Predictors: (Constant), SIZE

c. Predictors: (Constant), SIZE, EXTRAV, CONSC

d. Predictors: (Constant), SIZE, EXTRAV, CONSC, PCOGCOMP

e. Predictors: (Constant), SIZE, EXTRAV, CONSC, PCOGCOMP, MODEXTRAV, MODCONSC

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	3.640	.388		9.392	<.001
	SIZE	.025	.086	.020	.295	.769
2	(Constant)	2.952	.509		5.795	<.001
	SIZE	.025	.085	.020	.299	.765
	CONSC	-.006	.095	-.005	-.064	.949
	EXTRAV	.209	.072	.203	2.890	.004
3	(Constant)	-.811	.393		-2.063	.040
	SIZE	-.102	.056	-.079	-1.834	.068
	CONSC	.075	.062	.056	1.215	.226
	EXTRAV	.069	.047	.067	1.444	.150
	PCOGCOMP	1.090	.062	.764	17.630	<.001
4	(Constant)	-4.441	1.592		-2.790	.006
	SIZE	-.106	.055	-.082	-1.913	.057
	CONSC	.833	.447	.619	1.865	.064
	EXTRAV	.221	.369	.214	.598	.550
	PCOGCOMP	1.993	.389	1.397	5.124	<.001
	MODCONSC	-.187	.107	-.785	-1.740	.083
	MODEXTRAV	-.039	.088	-.193	-.442	.659

a. Dependent Variable: PEMERLEAD

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
1	CONSC	.070[b]	1.039	.300	.069	.982
	EXTRAV	.201[b]	3.083	.002	.201	1.000
	PCOGCOMP	.773[b]	17.960	<.001	.768	.986
	MODCONSC	.580[b]	10.434	<.001	.571	.969
	MODEXTRAV	.518[b]	9.067	<.001	.517	.997
2	PCOGCOMP	.764[c]	17.630	<.001	.763	.958
	MODCONSC	1.056[c]	16.302	<.001	.737	.468
	MODEXTRAV	1.484[c]	15.736	<.001	.725	.229
3	MODCONSC	-.890[d]	-2.316	.021	-.154	.012
	MODEXTRAV	-.589[d]	-1.578	.116	-.105	.013

a. Dependent Variable: PEMERLEAD

b. Predictors in the Model: (Constant), SIZE

c. Predictors in the Model: (Constant), SIZE, EXTRAV, CONSC

d. Predictors in the Model: (Constant), SIZE, EXTRAV, CONSC, PCOGCOMP

Coefficient Correlations[a]

Model			SIZE	EXTRAV	CONSC	PCOGCOMP	MODEXTRAV
1	Correlations	SIZE	1.000				
	Covariances	SIZE	.007				
2	Correlations	SIZE	1.000	.050	-.143		
		EXTRAV	.050	1.000	-.363		
		CONSC	-.143	-.363	1.000		
	Covariances	SIZE	.007	.000	-.001		
		EXTRAV	.000	.005	-.003		
		CONSC	-.001	-.003	.009		
3	Correlations	SIZE	1.000	.070	-.151	-.130	
		EXTRAV	.070	1.000	-.369	-.168	
		CONSC	-.151	-.369	1.000	.075	
		PCOGCOMP	-.130	-.168	.075	1.000	
	Covariances	SIZE	.003	.000	-.001	.000	
		EXTRAV	.000	.002	-.001	.000	
		CONSC	-.001	-.001	.004	.000	
		PCOGCOMP	.000	.000	.000	.004	
4	Correlations	SIZE	1.000	.027	-.057	-.048	-.018
		EXTRAV	.027	1.000	-.543	.148	-.992

Coefficient Correlations[a]

Model			MODCONSC
1	Correlations	SIZE	
	Covariances	SIZE	
2	Correlations	SIZE	
		EXTRAV	
		CONSC	
	Covariances	SIZE	
		EXTRAV	
		CONSC	
3	Correlations	SIZE	
		EXTRAV	
		CONSC	
		PCOGCOMP	
	Covariances	SIZE	
		EXTRAV	
		CONSC	
		PCOGCOMP	
4	Correlations	SIZE	.036
		EXTRAV	.528

Coefficient Correlations[a]

Model			SIZE	EXTRAV	CONSC	PCOGCOMP	MODEXTRAV
		CONSC	-.057	-.543	1.000	.729	.532
		PCOGCOMP	-.048	.148	.729	1.000	-.163
		MODEXTRAV	-.018	-.992	.532	-.163	1.000
		MODCONSC	.036	.528	-.990	-.745	-.523
	Covariances	SIZE	.003	.001	-.001	-.001	-8.777E-5
		EXTRAV	.001	.136	-.089	.021	-.032
		CONSC	-.001	-.089	.199	.127	.021
		PCOGCOMP	-.001	.021	.127	.151	-.006
		MODEXTRAV	-8.777E-5	-.032	.021	-.006	.008
		MODCONSC	.000	.021	-.047	-.031	-.005

Coefficient Correlations[a]

Model			MODCONSC
		CONSC	-.990
		PCOGCOMP	-.745
		MODEXTRAV	-.523
		MODCONSC	1.000
	Covariances	SIZE	.000
		EXTRAV	.021
		CONSC	-.047
		PCOGCOMP	-.031
		MODEXTRAV	-.005
		MODCONSC	.012

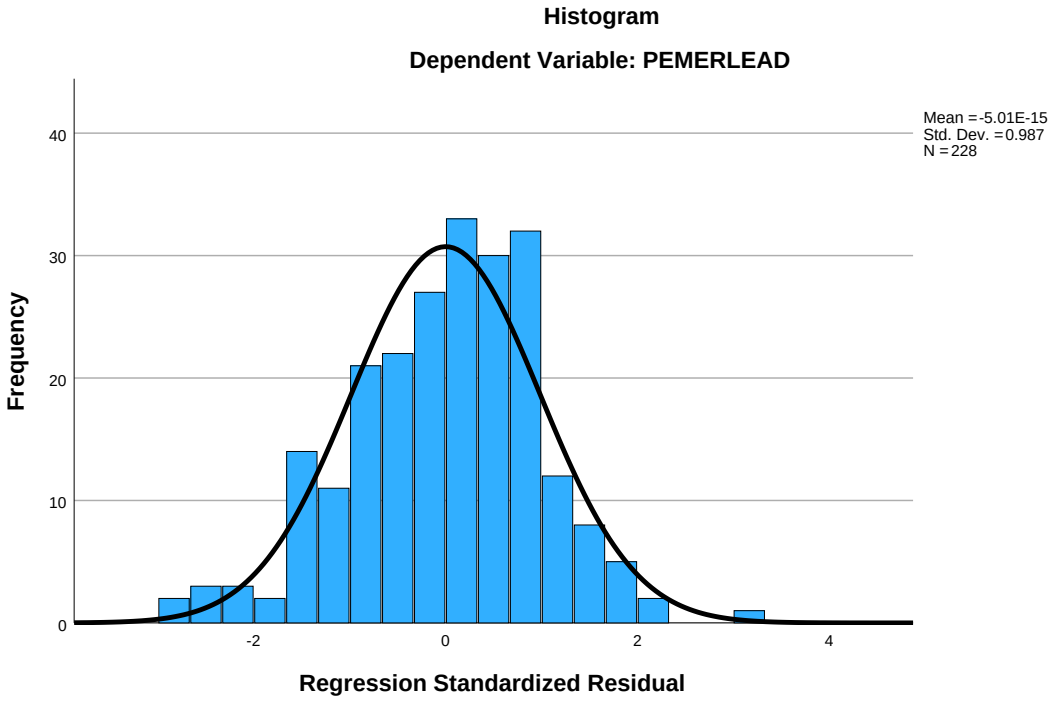
a. Dependent Variable: PEMERLEAD

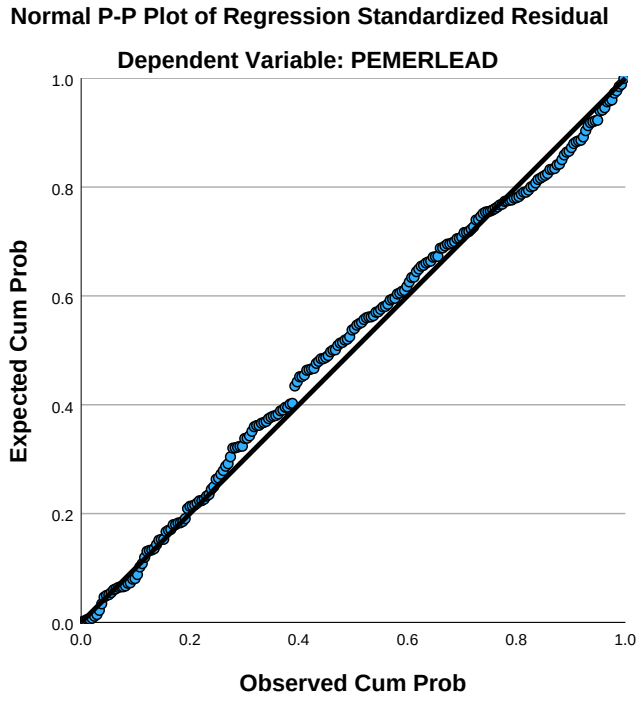
Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.9507	4.9386	3.7533	.62204	228
Residual	-1.47896	1.64759	.00000	.49828	228
Std. Predicted Value	-4.506	1.905	.000	1.000	228
Std. Residual	-2.929	3.263	.000	.987	228

a. Dependent Variable: PEMERLEAD

Charts


Histogram
Dependent Variable: PEMERLEAD
Mean =-5.01E-15
Std. Dev. =0.987
N =228
Frequency
40
30
20
10
0
-2
0
2
4
Regression Standardized Residual


Normal P-P Plot of Regression Standardized Residual
Dependent Variable: PEMERLEAD
Expected Cum Prob
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Observed Cum Prob

Regression

Notes

Output Created		16-AUG-2024 13:48:28
Comments		
Input	Data	C:\Users\bcumbie\Downloads\twoOfBIG5-direct-and-mods.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	228
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.
Syntax		REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS BCOV R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.10) TOLERANCE(.0001) /NOORIGIN /DEPENDENT PEMERLEAD /METHOD=ENTER CONSC EXTRAV PCOGCOMP /METHOD=ENTER MODCONSC MODEXTRAV /RESIDUALS HISTOGRAM(ZRESID) ...
Resources	Processor Time	00:00:00.47
	Elapsed Time	00:00:00.32
	Memory Required	5280 bytes
	Additional Memory Required for Residual Plots	576 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
PEMERLEAD	3.7533	.79701	228
CONSC	4.1091	.59199	228
EXTRAV	3.4119	.77423	228
PCOGCOMP	4.1099	.55851	228
MODCONSC	16.8888	3.35192	228
MODEXTRAV	14.0874	3.95950	228

Correlations

		PEMERLEAD	CONSC	EXTRAV	PCOGCOMP	MODCONSC
Pearson Correlation	PEMERLEAD	1.000	.071	.201	.764	.566
	CONSC	.071	1.000	.360	.002	.718
	EXTRAV	.201	.360	1.000	.150	.352
	PCOGCOMP	.764	.002	.150	1.000	.689
	MODCONSC	.566	.718	.352	.689	1.000
	MODEXTRAV	.517	.277	.875	.597	.609
Sig. (1-tailed)	PEMERLEAD	.	.142	.001	<.001	<.001
	CONSC	.142	.	.000	.486	.000
	EXTRAV	.001	.000	.	.012	.000
	PCOGCOMP	.000	.486	.012	.	.000
	MODCONSC	.000	.000	.000	.000	.
	MODEXTRAV	.000	.000	.000	.000	.000
N	PEMERLEAD	228	228	228	228	228
	CONSC	228	228	228	228	228
	EXTRAV	228	228	228	228	228
	PCOGCOMP	228	228	228	228	228
	MODCONSC	228	228	228	228	228
	MODEXTRAV	228	228	228	228	228

Correlations

		MODEXTRAV
Pearson Correlation	PEMERLEAD	.517
	CONSC	.277
	EXTRAV	.875
	PCOGCOMP	.597
	MODCONSC	.609
	MODEXTRAV	1.000
Sig. (1-tailed)	PEMERLEAD	<.001
	CONSC	.000
	EXTRAV	.000
	PCOGCOMP	.000
	MODCONSC	.000
	MODEXTRAV	.
N	PEMERLEAD	228
	CONSC	228
	EXTRAV	228
	PCOGCOMP	228
	MODCONSC	228
	MODEXTRAV	228

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	PCOGCOMP, CONSC, EXTRAV[b]	.	Enter
2	MODEXTRAV, MODCONSC[b]	.	Enter

a. Dependent Variable: PEMERLEAD

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
1	.770[a]	.593	.588	.51167	.593	108.922	3
2	.776[b]	.603	.594	.50802	.009	2.617	2

Model Summary[c]

Model	Change Statistics	
	df2	Sig. F Change
1	224	<.001
2	222	.075

a. Predictors: (Constant), PCOGCOMP, CONSC, EXTRAV

b. Predictors: (Constant), PCOGCOMP, CONSC, EXTRAV, MODEXTRAV, MODCONSC

c. Dependent Variable: PEMERLEAD

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	85.550	3	28.517	108.922	<.001[b]
	Residual	58.645	224	.262		
	Total	144.194	227			
2	Regression	86.901	5	17.380	67.344	<.001[c]
	Residual	57.294	222	.258		
	Total	144.194	227			

a. Dependent Variable: PEMERLEAD

b. Predictors: (Constant), PCOGCOMP, CONSC, EXTRAV

c. Predictors: (Constant), PCOGCOMP, CONSC, EXTRAV, MODEXTRAV, MODCONSC

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	-1.158	.346		-3.346	<.001
	CONSC	.058	.062	.043	.944	.346
	EXTRAV	.075	.048	.073	1.569	.118
	PCOGCOMP	1.075	.062	.753	17.448	<.001
2	(Constant)	-4.716	1.595		-2.958	.003
	CONSC	.784	.449	.583	1.749	.082
	EXTRAV	.240	.371	.233	.647	.518
	PCOGCOMP	1.957	.391	1.372	5.007	<.001
	MODCONSC	-.179	.108	-.754	-1.661	.098
	MODEXTRAV	-.042	.088	-.208	-.474	.636

a. Dependent Variable: PEMERLEAD

Excluded Variables[a]

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
1	MODCONSC	-.866[b]	-2.242	.026	-.148	.012
	MODEXTRAV	-.589[b]	-1.567	.118	-.104	.013

a. Dependent Variable: PEMERLEAD

b. Predictors in the Model: (Constant), PCOGCOMP, CONSC, EXTRAV

Coefficient Correlations[a]

Model			PCOGCOMP	CONSC	EXTRAV	MODEXTRAV	MODCONSC
1	Correlations	PCOGCOMP	1.000	.056	-.160		
		CONSC	.056	1.000	-.364		
		EXTRAV	-.160	-.364	1.000		
	Covariances	PCOGCOMP	.004	.000	.000		
		CONSC	.000	.004	-.001		
		EXTRAV	.000	-.001	.002		
2	Correlations	PCOGCOMP	1.000	.728	.149	-.165	-.744
		CONSC	.728	1.000	-.543	.532	-.991
		EXTRAV	.149	-.543	1.000	-.992	.527
		MODEXTRAV	-.165	.532	-.992	1.000	-.522
		MODCONSC	-.744	-.991	.527	-.522	1.000
	Covariances	PCOGCOMP	.153	.128	.022	-.006	-.031
		CONSC	.128	.201	-.090	.021	-.048
		EXTRAV	.022	-.090	.137	-.032	.021
		MODEXTRAV	-.006	.021	-.032	.008	-.005
		MODCONSC	-.031	-.048	.021	-.005	.012

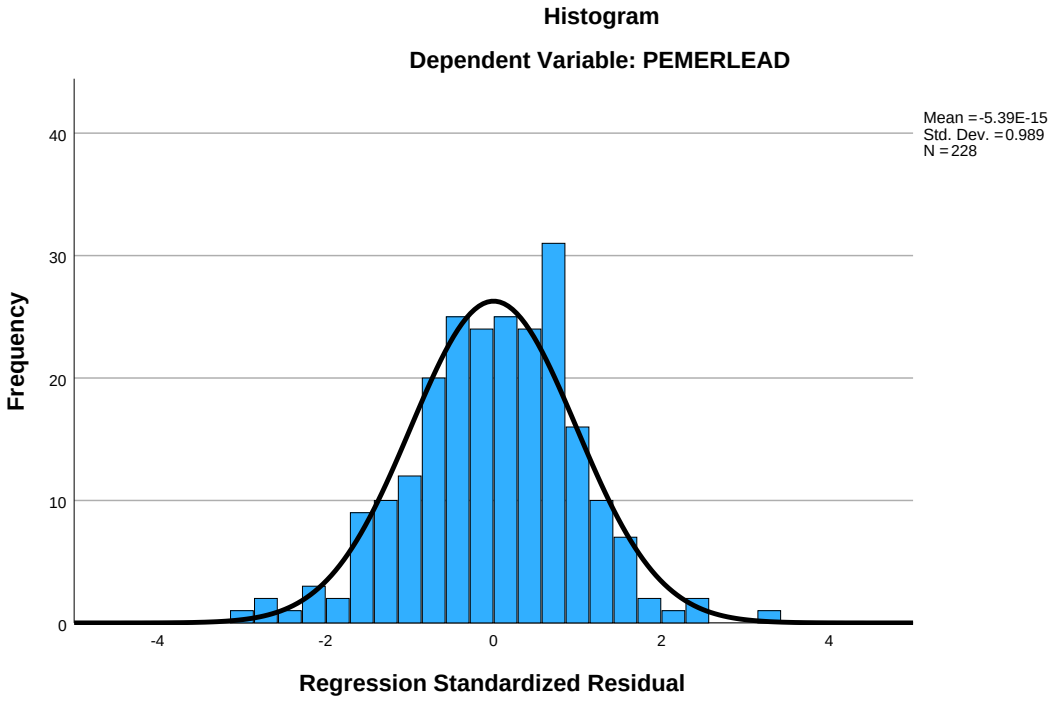
a. Dependent Variable: PEMERLEAD

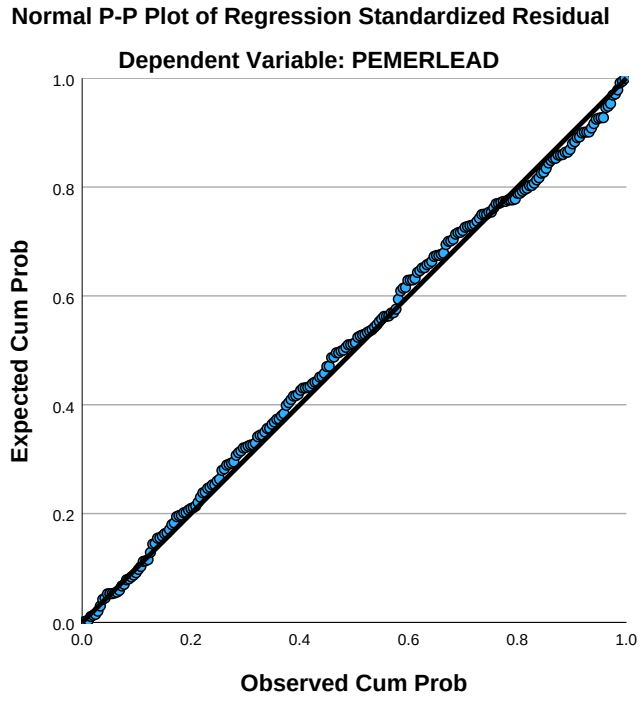
Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.9337	4.7753	3.7533	.61873	228
Residual	-1.54389	1.68652	.00000	.50239	228
Std. Predicted Value	-4.557	1.652	.000	1.000	228
Std. Residual	-3.039	3.320	.000	.989	228

a. Dependent Variable: PEMERLEAD

Charts


Histogram
Dependent Variable: PEMERLEAD
Mean =-5.39E-15
Std. Dev. =0.989
N =228
Frequency
40
30
20
10
0
-4
-2
0
2
4
Regression Standardized Residual


Normal P-P Plot of Regression Standardized Residual
Dependent Variable: PEMERLEAD
Expected Cum Prob
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Observed Cum Prob

Regression

Notes

Output Created		16-AUG-2024 13:49:24
Comments		
Input	Data	C:\Users\bcumbie\Downloads\twoOfBIG5-direct-and-mods.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	228
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.
Syntax		REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS BCOV R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.10) TOLERANCE(.0001) /NOORIGIN /DEPENDENT PEMERLEAD /METHOD=ENTER MODCONSC MODEXTRAV /RESIDUALS HISTOGRAM(ZRESID) ...
Resources	Processor Time	00:00:00.34
	Elapsed Time	00:00:00.30
	Memory Required	3392 bytes
	Additional Memory Required for Residual Plots	624 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
PEMERLEAD	3.7533	.79701	228
MODCONSC	16.8888	3.35192	228
MODEXTRAV	14.0874	3.95950	228

Correlations

		PEMERLEAD	MODCONSC	MODEXTRAV
Pearson Correlation	PEMERLEAD	1.000	.566	.517
	MODCONSC	.566	1.000	.609
	MODEXTRAV	.517	.609	1.000
Sig. (1-tailed)	PEMERLEAD	.	<.001	<.001
	MODCONSC	.000	.	.000
	MODEXTRAV	.000	.000	.
N	PEMERLEAD	228	228	228
	MODCONSC	228	228	228
	MODEXTRAV	228	228	228

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	MODEXTRAV, MODCONSC[b]	.	Enter

a. Dependent Variable: PEMERLEAD

b. All requested variables entered.

Model Summary[b]

					Change Statistics		
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	R Square Change	F Change	df1
1	.606[a]	.368	.362	.63665	.368	65.378	2

Model Summary[b]

	Change Statistics	
Model	df2	Sig. F Change
1	225	<.001

a. Predictors: (Constant), MODEXTRAV, MODCONSC

b. Dependent Variable: PEMERLEAD

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	52.998	2	26.499	65.378	<.001[b]
	Residual	91.196	225	.405		
	Total	144.194	227			

a. Dependent Variable: PEMERLEAD

b. Predictors: (Constant), MODEXTRAV, MODCONSC

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.374	.219		6.287	<.001
	MODCONSC	.095	.016	.398	5.957	<.001
	MODEXTRAV	.055	.013	.275	4.121	<.001

a. Dependent Variable: PEMERLEAD

Coefficient Correlations[a]

Model			MODEXTRAV	MODCONSC
1	Correlations	MODEXTRAV	1.000	-.609
		MODCONSC	-.609	1.000
	Covariances	MODEXTRAV	.000	.000
		MODCONSC	.000	.000

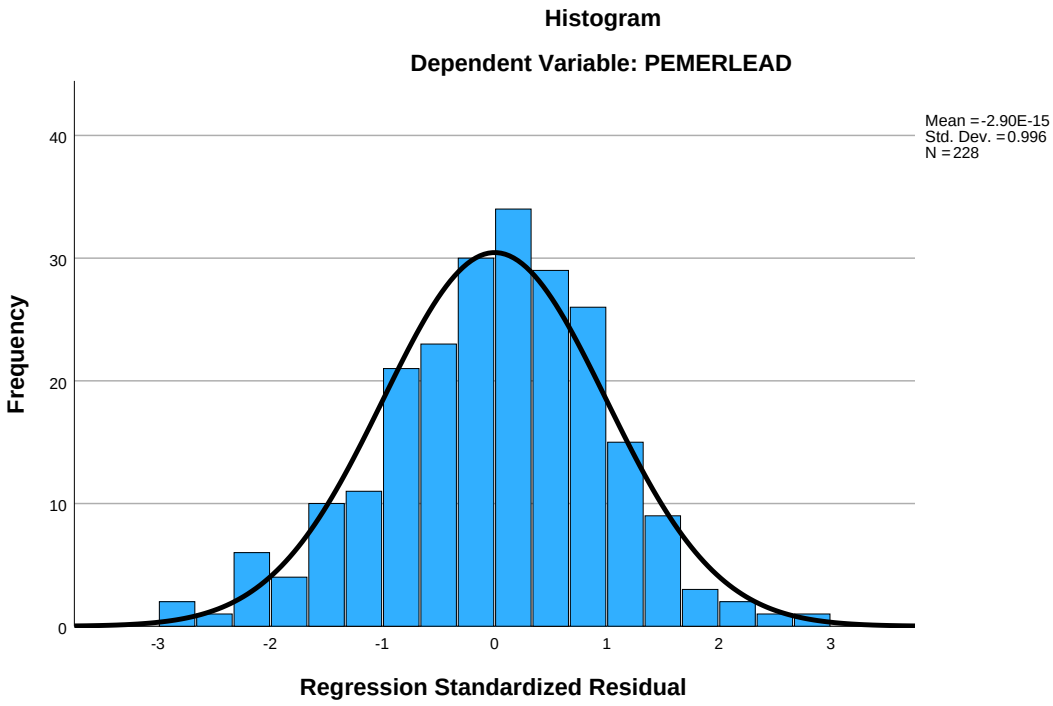
a. Dependent Variable: PEMERLEAD

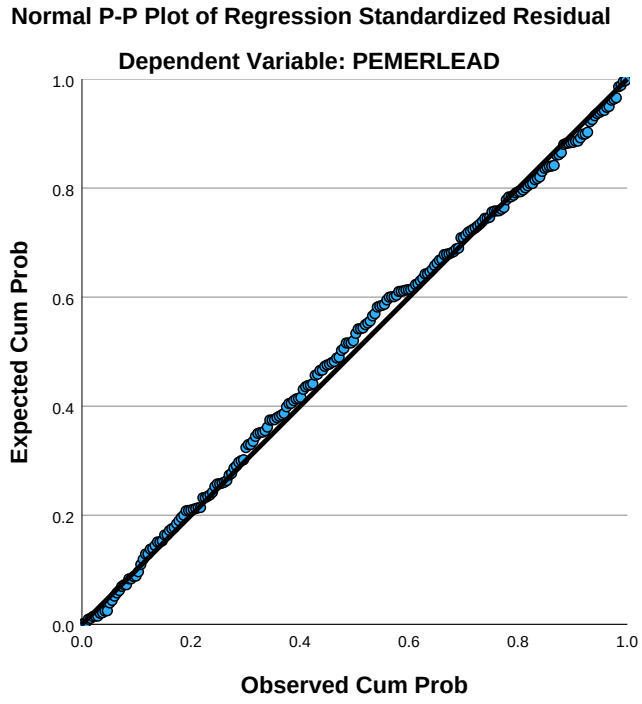
Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	2.0528	4.9866	3.7533	.48319	228
Residual	-1.87593	1.79114	.00000	.63383	228
Std. Predicted Value	-3.519	2.552	.000	1.000	228
Std. Residual	-2.947	2.813	.000	.996	228

a. Dependent Variable: PEMERLEAD

Charts


Histogram
Dependent Variable: PEMERLEAD
Mean =-2.90E-15
Std. Dev. =0.996
N =228
Frequency
Regression Standardized Residual


Normal P-P Plot of Regression Standardized Residual
Dependent Variable: PEMERLEAD
Expected Cum Prob
Observed Cum Prob

Regression

Notes

Output Created		16-AUG-2024 13:50:06
Comments		
Input	Data	C:\Users\bcumbie\Downloads\twoOfBIG5-direct-and-mods.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	228
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.
Syntax		REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS BCOV R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.10) TOLERANCE(.0001) /NOORIGIN /DEPENDENT PEMERLEAD /METHOD=ENTER OBS UNIV COURSE TEAM SIZE EXP GENDER EDU ETHNICITY CONSC EXTRAV PCOGCOMP /RESIDUALS HISTOGRAM(ZRESID) NORMPROB(ZRESID).
Resources	Processor Time	00:00:00.39
	Elapsed Time	00:00:00.32
	Memory Required	11552 bytes
	Additional Memory Required for Residual Plots	464 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
PEMERLEAD	3.7533	.79701	228
OBS	128.63	71.514	228
UNIV	1.40	.492	228
COURSE	3.04	1.390	228
TEAM	5.69	3.167	228
SIZE	4.48	.619	228
EXP	1.65	.477	228
GENDER	1.60	.582	228
EDU	2.61	.958	228
ETHNICITY	3.11	1.814	228
CONSC	4.1091	.59199	228
EXTRAV	3.4119	.77423	228
PCOGCOMP	4.1099	.55851	228

Correlations

		PEMERLEAD	OBS	UNIV	COURSE	TEAM
Pearson Correlation	PEMERLEAD	1.000	.045	.114	.076	-.144
	OBS	.045	1.000	.837	.978	.106
	UNIV	.114	.837	1.000	.866	-.032
	COURSE	.076	.978	.866	1.000	-.016
	TEAM	-.144	.106	-.032	-.016	1.000
	SIZE	.020	.008	.023	.034	-.393
	EXP	-.119	.202	.223	.193	.121
	GENDER	.051	.008	.079	.003	.108
	EDU	.108	.455	.476	.475	-.007
	ETHNICITY	.062	.503	.585	.501	.003
	CONSC	.071	.165	.183	.178	-.043
	EXTRAV	.201	.234	.212	.239	.014
	PCOGCOMP	.764	-.014	.094	.015	-.159
Sig. (1-tailed)	PEMERLEAD	.	.250	.043	.128	.015
	OBS	.250	.	.000	.000	.056
	UNIV	.043	.000	.	.000	.315
	COURSE	.128	.000	.000	.	.404
	TEAM	.015	.056	.315	.404	.
	SIZE	.384	.454	.363	.304	.000
	EXP	.037	.001	.000	.002	.034
	GENDER	.221	.451	.118	.479	.051
	EDU	.052	.000	.000	.000	.459
	ETHNICITY	.174	.000	.000	.000	.481

Correlations

		SIZE	EXP	GENDER	EDU	ETHNICITY
Pearson Correlation	PEMERLEAD	.020	-.119	.051	.108	.062
	OBS	.008	.202	.008	.455	.503
	UNIV	.023	.223	.079	.476	.585
	COURSE	.034	.193	.003	.475	.501
	TEAM	-.393	.121	.108	-.007	.003
	SIZE	1.000	-.058	.005	.029	.108
	EXP	-.058	1.000	.034	-.143	.122
	GENDER	.005	.034	1.000	.024	.223
	EDU	.029	-.143	.024	1.000	.196
	ETHNICITY	.108	.122	.223	.196	1.000
	CONSC	.134	-.063	-.102	.249	-.042
	EXTRAV	.002	-.142	-.004	.251	.048
	PCOGCOMP	.119	-.167	.076	.108	.048
Sig. (1-tailed)	PEMERLEAD	.384	.037	.221	.052	.174
	OBS	.454	.001	.451	.000	.000
	UNIV	.363	.000	.118	.000	.000
	COURSE	.304	.002	.479	.000	.000
	TEAM	.000	.034	.051	.459	.481
	SIZE	.	.192	.472	.330	.052
	EXP	.192	.	.306	.015	.033
	GENDER	.472	.306	.	.357	.000
	EDU	.330	.015	.357	.	.002
	ETHNICITY	.052	.033	.000	.002	.

Correlations

		CONSC	EXTRAV	PCOGCOMP
Pearson Correlation	PEMERLEAD	.071	.201	.764
	OBS	.165	.234	-.014
	UNIV	.183	.212	.094
	COURSE	.178	.239	.015
	TEAM	-.043	.014	-.159
	SIZE	.134	.002	.119
	EXP	-.063	-.142	-.167
	GENDER	-.102	-.004	.076
	EDU	.249	.251	.108
	ETHNICITY	-.042	.048	.048
	CONSC	1.000	.360	.002
	EXTRAV	.360	1.000	.150
	PCOGCOMP	.002	.150	1.000
Sig. (1-tailed)	PEMERLEAD	.142	.001	<.001
	OBS	.006	.000	.419
	UNIV	.003	.001	.078
	COURSE	.004	.000	.413
	TEAM	.261	.415	.008
	SIZE	.022	.487	.036
	EXP	.174	.016	.006
	GENDER	.063	.475	.128
	EDU	.000	.000	.051
	ETHNICITY	.265	.237	.235

Correlations

		PEMERLEAD	OBS	UNIV	COURSE	TEAM
	CONSC	.142	.006	.003	.004	.261
	EXTRAV	.001	.000	.001	.000	.415
	PCOGCOMP	.000	.419	.078	.413	.008
N	PEMERLEAD	228	228	228	228	228
	OBS	228	228	228	228	228
	UNIV	228	228	228	228	228
	COURSE	228	228	228	228	228
	TEAM	228	228	228	228	228
	SIZE	228	228	228	228	228
	EXP	228	228	228	228	228
	GENDER	228	228	228	228	228
	EDU	228	228	228	228	228
	ETHNICITY	228	228	228	228	228
	CONSC	228	228	228	228	228
	EXTRAV	228	228	228	228	228
	PCOGCOMP	228	228	228	228	228

Correlations

		SIZE	EXP	GENDER	EDU	ETHNICITY
	CONSC	.022	.174	.063	.000	.265
	EXTRAV	.487	.016	.475	.000	.237
	PCOGCOMP	.036	.006	.128	.051	.235
N	PEMERLEAD	228	228	228	228	228
	OBS	228	228	228	228	228
	UNIV	228	228	228	228	228
	COURSE	228	228	228	228	228
	TEAM	228	228	228	228	228
	SIZE	228	228	228	228	228
	EXP	228	228	228	228	228
	GENDER	228	228	228	228	228
	EDU	228	228	228	228	228
	ETHNICITY	228	228	228	228	228
	CONSC	228	228	228	228	228
	EXTRAV	228	228	228	228	228
	PCOGCOMP	228	228	228	228	228

Correlations

		CONSC	EXTRAV	PCOGCOMP
	CONSC	.	.000	.486
	EXTRAV	.000	.	.012
	PCOGCOMP	.486	.012	.
N	PEMERLEAD	228	228	228
	OBS	228	228	228
	UNIV	228	228	228
	COURSE	228	228	228
	TEAM	228	228	228
	SIZE	228	228	228
	EXP	228	228	228
	GENDER	228	228	228
	EDU	228	228	228
	ETHNICITY	228	228	228
	CONSC	228	228	228
	EXTRAV	228	228	228
	PCOGCOMP	228	228	228

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	PCOGCOMP, CONSC, ETHNICITY, TEAM, EXP, GENDER, EDU, EXTRAV, SIZE, OBS, UNIV, COURSE[b]	.	Enter

a. Dependent Variable: PEMERLEAD

b. All requested variables entered.

Model Summary[b]

					Change Statistics		
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	R Square Change	F Change	df1
1	.780[a]	.608	.586	.51294	.608	27.753	12

Model Summary[b]

Model	Change Statistics	
	df2	Sig. F Change
1	215	<.001

a. Predictors: (Constant), PCOGCOMP, CONSC, ETHNICITY, TEAM, EXP, GENDER, EDU, EXTRAV, SIZE, OBS, UNIV, COURSE

b. Dependent Variable: PEMERLEAD

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	87.626	12	7.302	27.753	<.001[b]
	Residual	56.569	215	.263		
	Total	144.194	227			

a. Dependent Variable: PEMERLEAD

b. Predictors: (Constant), PCOGCOMP, CONSC, ETHNICITY, TEAM, EXP, GENDER, EDU, EXTRAV, SIZE, OBS, UNIV, COURSE

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.700	.497		-1.409	.160
	OBS	-.002	.003	-.143	-.547	.585
	UNIV	-.168	.158	-.104	-1.069	.286
	COURSE	.145	.159	.253	.913	.362
	TEAM	-.012	.015	-.050	-.844	.399
	SIZE	-.139	.062	-.108	-2.246	.026
	EXP	.029	.079	.017	.366	.715
	GENDER	.006	.062	.004	.100	.921
	EDU	-.013	.044	-.015	-.292	.771
	ETHNICITY	.019	.025	.043	.761	.448
	CONSC	.085	.065	.063	1.318	.189
	EXTRAV	.066	.050	.064	1.323	.187
	PCOGCOMP	1.093	.065	.766	16.881	<.001

a. Dependent Variable: PEMERLEAD

Coefficient Correlations[a]

Model			PCOGCOMP	CONSC	ETHNICITY	TEAM	EXP
1	Correlations	PCOGCOMP	1.000	.092	.027	.064	.141
		CONSC	.092	1.000	.151	-.032	.022
		ETHNICITY	.027	.151	1.000	.007	.069
		TEAM	.064	-.032	.007	1.000	-.105
		EXP	.141	.022	.069	-.105	1.000
		GENDER	-.062	.086	-.204	-.134	-.023
		EDU	-.038	-.119	.098	-.065	.268
		EXTRAV	-.142	-.312	.035	-.029	.137
		SIZE	-.083	-.167	-.140	.388	-.015
		OBS	.043	.022	-.103	-.582	.019
		UNIV	-.160	-.119	-.368	.013	-.194
		COURSE	.006	-.007	.089	.545	-.030
	Covariances	PCOGCOMP	.004	.000	4.279E-5	6.089E-5	.001
		CONSC	.000	.004	.000	-3.035E-5	.000
		ETHNICITY	4.279E-5	.000	.001	2.473E-6	.000
		TEAM	6.089E-5	-3.035E-5	2.473E-6	.000	.000
		EXP	.001	.000	.000	.000	.006
		GENDER	.000	.000	.000	.000	.000
		EDU	.000	.000	.000	-4.223E-5	.001
		EXTRAV	.000	-.001	4.256E-5	-2.122E-5	.001
		SIZE	.000	-.001	.000	.000	-7.236E-5
		OBS	8.150E-6	4.205E-6	-7.434E-6	-2.506E-5	4.471E-6
		UNIV	-.002	-.001	-.001	3.082E-5	-.002
		COURSE	6.283E-5	-7.347E-5	.000	.001	.000

Coefficient Correlations[a]

Model			GENDER	EDU	EXTRAV	SIZE	OBS
1	Correlations	PCOGCOMP	-.062	-.038	-.142	-.083	.043
		CONSC	.086	-.119	-.312	-.167	.022
		ETHNICITY	-.204	.098	.035	-.140	-.103
		TEAM	-.134	-.065	-.029	.388	-.582
		EXP	-.023	.268	.137	-.015	.019
		GENDER	1.000	-.035	-.029	-.044	.065
		EDU	-.035	1.000	-.048	-.016	.039
		EXTRAV	-.029	-.048	1.000	.052	-.015
		SIZE	-.044	-.016	.052	1.000	-.134
		OBS	.065	.039	-.015	-.134	1.000
		UNIV	-.056	-.185	.010	.095	.096
		COURSE	-.020	-.083	-.025	.110	-.947
	Covariances	PCOGCOMP	.000	.000	.000	.000	8.150E-6
		CONSC	.000	.000	-.001	-.001	4.205E-6
		ETHNICITY	.000	.000	4.256E-5	.000	-7.434E-6
		TEAM	.000	-4.223E-5	-2.122E-5	.000	-2.506E-5
		EXP	.000	.001	.001	-7.236E-5	4.471E-6
		GENDER	.004	-9.406E-5	-8.708E-5	.000	1.167E-5
		EDU	-9.406E-5	.002	.000	-4.425E-5	4.942E-6
		EXTRAV	-8.708E-5	.000	.002	.000	-2.190E-6
		SIZE	.000	-4.425E-5	.000	.004	-2.421E-5
		OBS	1.167E-5	4.942E-6	-2.190E-6	-2.421E-5	8.509E-6
		UNIV	-.001	-.001	8.133E-5	.001	4.396E-5
		COURSE	.000	-.001	.000	.001	.000

Coefficient Correlations[a]

Model			UNIV	COURSE
1	Correlations	PCOGCOMP	-.160	.006
		CONSC	-.119	-.007
		ETHNICITY	-.368	.089
		TEAM	.013	.545
		EXP	-.194	-.030
		GENDER	-.056	-.020
		EDU	-.185	-.083
		EXTRAV	.010	-.025
		SIZE	.095	.110
		OBS	.096	-.947
		UNIV	1.000	-.328
		COURSE	-.328	1.000
	Covariances	PCOGCOMP	-.002	6.283E-5
		CONSC	-.001	-7.347E-5
		ETHNICITY	-.001	.000
		TEAM	3.082E-5	.001
		EXP	-.002	.000
		GENDER	-.001	.000
		EDU	-.001	-.001
		EXTRAV	8.133E-5	.000
		SIZE	.001	.001
		OBS	4.396E-5	.000
		UNIV	.025	-.008
		COURSE	-.008	.025

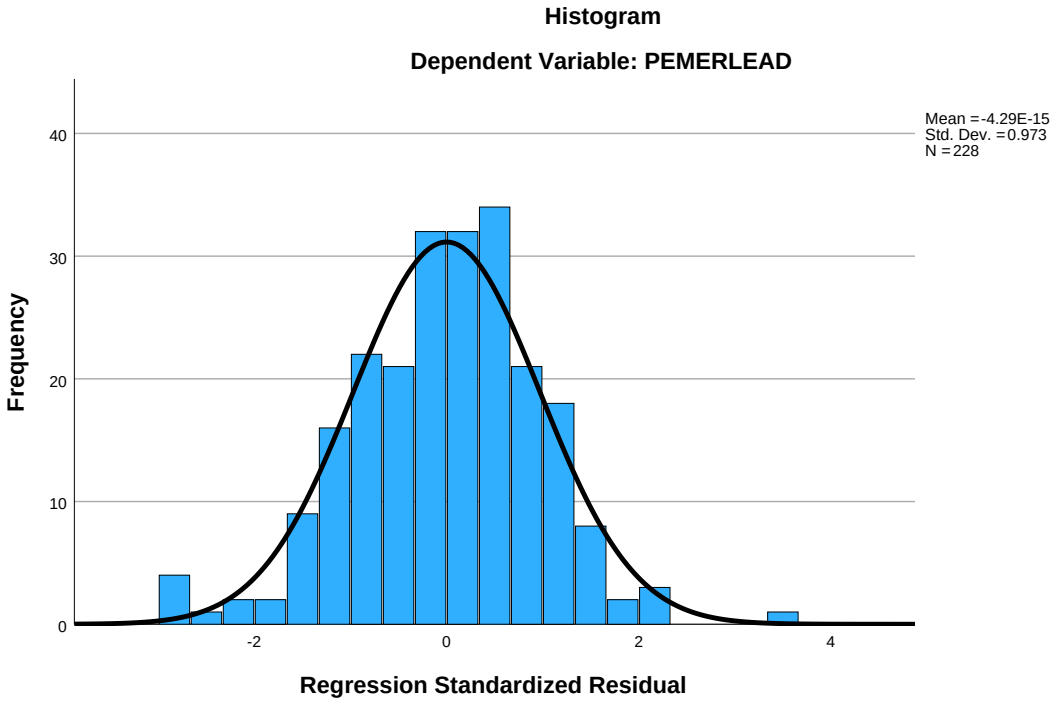
a. Dependent Variable: PEMERLEAD

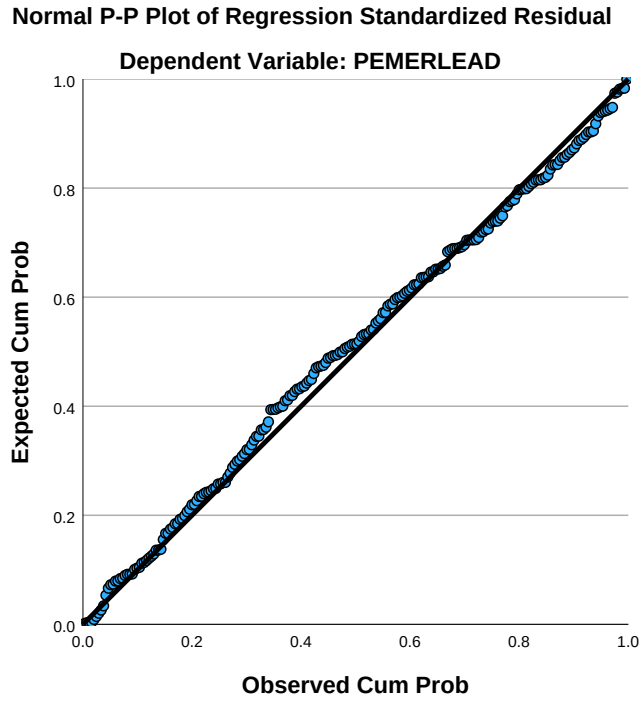
Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.5859	4.9630	3.7533	.62130	228
Residual	-1.51727	1.71346	.00000	.49920	228
Std. Predicted Value	-5.098	1.947	.000	1.000	228
Std. Residual	-2.958	3.340	.000	.973	228

a. Dependent Variable: PEMERLEAD

Charts


Histogram
Dependent Variable: PEMERLEAD
Mean =-4.29E-15
Std. Dev. =0.973
N =228
Frequency
Regression Standardized Residual


Normal P-P Plot of Regression Standardized Residual
Dependent Variable: PEMERLEAD
Expected Cum Prob
Observed Cum Prob

Regression

Notes

Output Created		16-AUG-2024 13:50:39
Comments		
Input	Data	C:\Users\bcumbie\Downloads\twoOfBIG5-direct-and-mods.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	228
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.
Syntax		REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS BCOV R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.10) TOLERANCE(.0001) /NOORIGIN /DEPENDENT PEMERLEAD /METHOD=ENTER SIZE PCOGCOMP /RESIDUALS HISTOGRAM(ZRESID) NORMPROB(ZRESID).
Resources	Processor Time	00:00:00.36
	Elapsed Time	00:00:00.31
	Memory Required	3392 bytes
	Additional Memory Required for Residual Plots	624 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
PEMERLEAD	3.7533	.79701	228
SIZE	4.48	.619	228
PCOGCOMP	4.1099	.55851	228

Correlations

		PEMERLEAD	SIZE	PCOGCOMP
Pearson Correlation	PEMERLEAD	1.000	.020	.764
	SIZE	.020	1.000	.119
	PCOGCOMP	.764	.119	1.000
Sig. (1-tailed)	PEMERLEAD	.	.384	<.001
	SIZE	.384	.	.036
	PCOGCOMP	.000	.036	.
N	PEMERLEAD	228	228	228
	SIZE	228	228	228
	PCOGCOMP	228	228	228

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	PCOGCOMP, SIZE[b]	.	Enter

a. Dependent Variable: PEMERLEAD

b. All requested variables entered.

Model Summary[b]

					Change Statistics		
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	R Square Change	F Change	df1
1	.768[a]	.589	.586	.51307	.589	161.379	2

Model Summary[b]

	Change Statistics	
Model	df2	Sig. F Change
1	225	<.001

a. Predictors: (Constant), PCOGCOMP, SIZE

b. Dependent Variable: PEMERLEAD

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	84.964	2	42.482	161.379	<.001[b]
	Residual	59.230	225	.263		
	Total	144.194	227			

a. Dependent Variable: PEMERLEAD

b. Predictors: (Constant), PCOGCOMP, SIZE

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients		
		B	Std. Error	Beta	t	Sig.
1	(Constant)	-.360	.334		-1.077	.283
	SIZE	-.094	.055	-.073	-1.690	.092
	PCOGCOMP	1.103	.061	.773	17.960	<.001

a. Dependent Variable: PEMERLEAD

Coefficient Correlations[a]

Model			PCOGCOMP	SIZE
1	Correlations	PCOGCOMP	1.000	-.119
		SIZE	-.119	1.000
	Covariances	PCOGCOMP	.004	.000
		SIZE	.000	.003

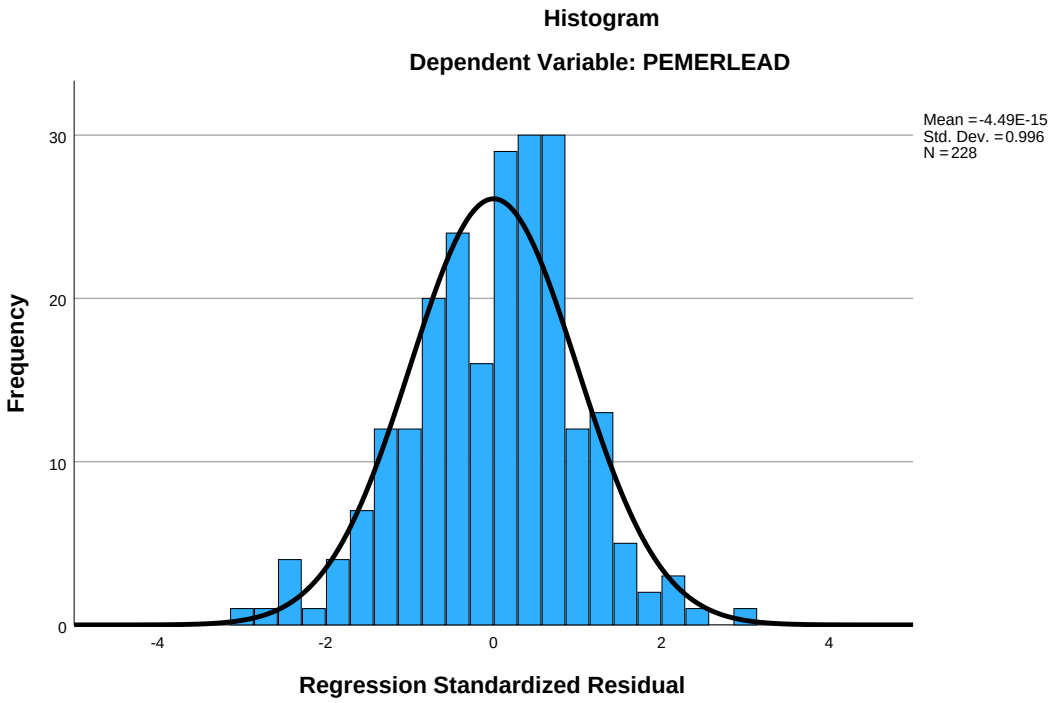
a. Dependent Variable: PEMERLEAD

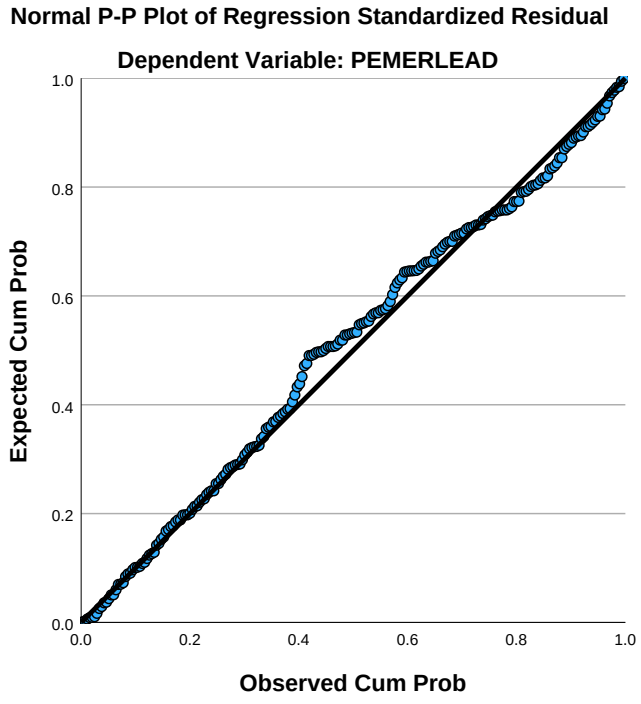
Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.3685	4.8739	3.7533	.61179	228
Residual	-1.55938	1.59390	.00000	.51081	228
Std. Predicted Value	-5.533	1.832	.000	1.000	228
Std. Residual	-3.039	3.107	.000	.996	228

a. Dependent Variable: PEMERLEAD

Charts


Histogram
Dependent Variable: PEMERLEAD
Mean =-4.49E-15
Std. Dev. =0.996
N =228
Frequency
30
20
10
0
-4
-2
0
2
4
Regression Standardized Residual


Normal P-P Plot of Regression Standardized Residual
Dependent Variable: PEMERLEAD
Expected Cum Prob
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Observed Cum Prob

Regression

Notes

Output Created		16-AUG-2024 13:51:20
Comments		
Input	Data	C:\Users\bcumbie\Downloads\twoOfBIG5-direct-and-mods.sav
	Active Dataset	DataSet2
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	228
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.
Syntax		REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS BCOV R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.10) TOLERANCE(.0001) /NOORIGIN /DEPENDENT PEMERLEAD /METHOD=ENTER CONSC EXTRAV PCOGCOMP MODCONSC MODEXTRAV /RESIDUALS HISTOGRAM(ZRESID) NORMPROB(ZRESID).
Resources	Processor Time	00:00:00.34
	Elapsed Time	00:00:00.30
	Memory Required	5168 bytes
	Additional Memory Required for Residual Plots	576 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
PEMERLEAD	3.7533	.79701	228
CONSC	4.1091	.59199	228
EXTRAV	3.4119	.77423	228
PCOGCOMP	4.1099	.55851	228
MODCONSC	16.8888	3.35192	228
MODEXTRAV	14.0874	3.95950	228

Correlations

		PEMERLEAD	CONSC	EXTRAV	PCOGCOMP	MODCONSC
Pearson Correlation	PEMERLEAD	1.000	.071	.201	.764	.566
	CONSC	.071	1.000	.360	.002	.718
	EXTRAV	.201	.360	1.000	.150	.352
	PCOGCOMP	.764	.002	.150	1.000	.689
	MODCONSC	.566	.718	.352	.689	1.000
	MODEXTRAV	.517	.277	.875	.597	.609
Sig. (1-tailed)	PEMERLEAD	.	.142	.001	<.001	<.001
	CONSC	.142	.	.000	.486	.000
	EXTRAV	.001	.000	.	.012	.000
	PCOGCOMP	.000	.486	.012	.	.000
	MODCONSC	.000	.000	.000	.000	.
	MODEXTRAV	.000	.000	.000	.000	.000
N	PEMERLEAD	228	228	228	228	228
	CONSC	228	228	228	228	228
	EXTRAV	228	228	228	228	228
	PCOGCOMP	228	228	228	228	228
	MODCONSC	228	228	228	228	228
	MODEXTRAV	228	228	228	228	228

Correlations

		MODEXTRAV
Pearson Correlation	PEMERLEAD	.517
	CONSC	.277
	EXTRAV	.875
	PCOGCOMP	.597
	MODCONSC	.609
	MODEXTRAV	1.000
Sig. (1-tailed)	PEMERLEAD	<.001
	CONSC	.000
	EXTRAV	.000
	PCOGCOMP	.000
	MODCONSC	.000
	MODEXTRAV	.
N	PEMERLEAD	228
	CONSC	228
	EXTRAV	228
	PCOGCOMP	228
	MODCONSC	228
	MODEXTRAV	228

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	MODEXTRAV, CONSC, PCOGCOMP, EXTRAV, MODCONSC[b]	.	Enter

a. Dependent Variable: PEMERLEAD

b. All requested variables entered.

Model Summary[b]

					Change Statistics		
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	R Square Change	F Change	df1
1	.776[a]	.603	.594	.50802	.603	67.344	5

Model Summary[b]

Model	Change Statistics	
	df2	Sig. F Change
1	222	<.001

a. Predictors: (Constant), MODEXTRAV, CONSC, PCOGCOMP, EXTRAV, MODCONSC

b. Dependent Variable: PEMERLEAD

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	86.901	5	17.380	67.344	<.001[b]
	Residual	57.294	222	.258		
	Total	144.194	227			

a. Dependent Variable: PEMERLEAD

b. Predictors: (Constant), MODEXTRAV, CONSC, PCOGCOMP, EXTRAV, MODCONSC

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-4.716	1.595		-2.958	.003
	CONSC	.784	.449	.583	1.749	.082
	EXTRAV	.240	.371	.233	.647	.518
	PCOGCOMP	1.957	.391	1.372	5.007	<.001
	MODCONSC	-.179	.108	-.754	-1.661	.098
	MODEXTRAV	-.042	.088	-.208	-.474	.636

a. Dependent Variable: PEMERLEAD

Coefficient Correlations[a]

Model			MODEXTRAV	CONSC	PCOGCOMP	EXTRAV	MODCONSC
1	Correlations	MODEXTRAV	1.000	.532	-.165	-.992	-.522
		CONSC	.532	1.000	.728	-.543	-.991
		PCOGCOMP	-.165	.728	1.000	.149	-.744
		EXTRAV	-.992	-.543	.149	1.000	.527
		MODCONSC	-.522	-.991	-.744	.527	1.000
	Covariances	MODEXTRAV	.008	.021	-.006	-.032	-.005
		CONSC	.021	.201	.128	-.090	-.048
		PCOGCOMP	-.006	.128	.153	.022	-.031
		EXTRAV	-.032	-.090	.022	.137	.021
		MODCONSC	-.005	-.048	-.031	.021	.012

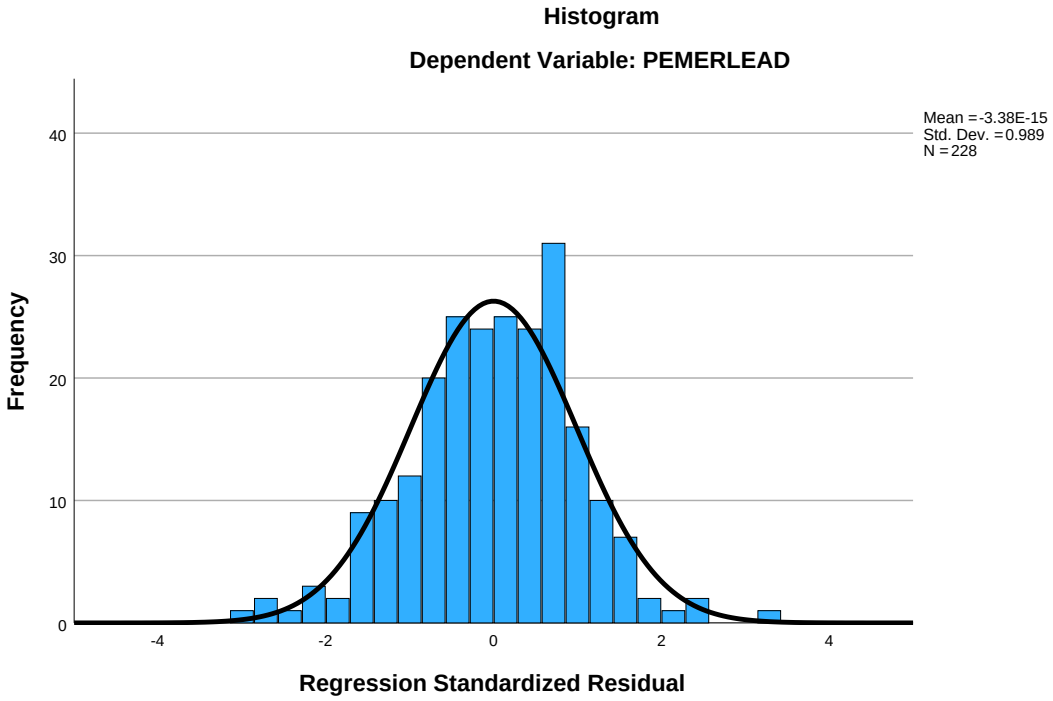
a. Dependent Variable: PEMERLEAD

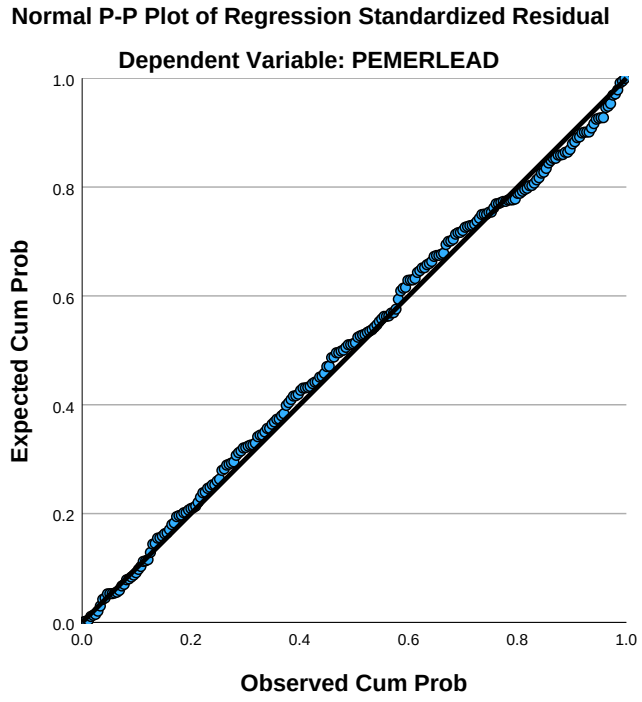
Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.9337	4.7753	3.7533	.61873	228
Residual	-1.54389	1.68652	.00000	.50239	228
Std. Predicted Value	-4.557	1.652	.000	1.000	228
Std. Residual	-3.039	3.320	.000	.989	228

a. Dependent Variable: PEMERLEAD

Charts


Histogram
Dependent Variable: PEMERLEAD
Mean =-3.38E-15
Std. Dev. =0.989
N =228
Frequency
40
30
20
10
0
-4
-2
0
2
4
Regression Standardized Residual


Normal P-P Plot of Regression Standardized Residual
Dependent Variable: PEMERLEAD
Expected Cum Prob
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Observed Cum Prob