

Regression

[数据集1] D:\任务\留守儿童文献\leftbehind children.sav

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	gender, grade2, social, resilien ^b	.	Enter

a. Dependent Variable: emotion

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
1	.610 ^a	.372	.361	.529	.372	32.045

Model Summary^b

Model	df1	df2	Sig. F Change
1	4	216	.000

a. Predictors: (Constant), gender, grade2, social, resilien

b. Dependent Variable: emotion

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	35.929	4	8.982	32.045	.000 ^b
	Residual	60.544	216	.280		
	Total	96.473	220			

a. Dependent Variable: emotion

b. Predictors: (Constant), gender, grade2, social, resilien

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	4.453	.330		13.503	.000
	social	-.021	.010	-.127	-2.069	.040
	resilien	-.625	.075	-.515	-8.380	.000
	grade2	-.125	.075	-.093	-1.679	.095
	gender	.228	.073	.172	3.140	.002

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	social	.777	1.287
	resilien	.769	1.300
	grade2	.944	1.060
	gender	.968	1.034

a. Dependent Variable: emotion

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	social	resilien	grade2
1	1	4.805	1.000	.00	.00	.00	.00
	2	.090	7.320	.00	.00	.00	.56
	3	.082	7.670	.00	.04	.06	.17
	4	.015	17.751	.01	.86	.53	.02
	5	.009	23.231	.98	.09	.41	.26

Collinearity Diagnostics^a

Model	Dimension	Variance ...
		gender
1	1	.00
	2	.38
	3	.48
	4	.02
	5	.11

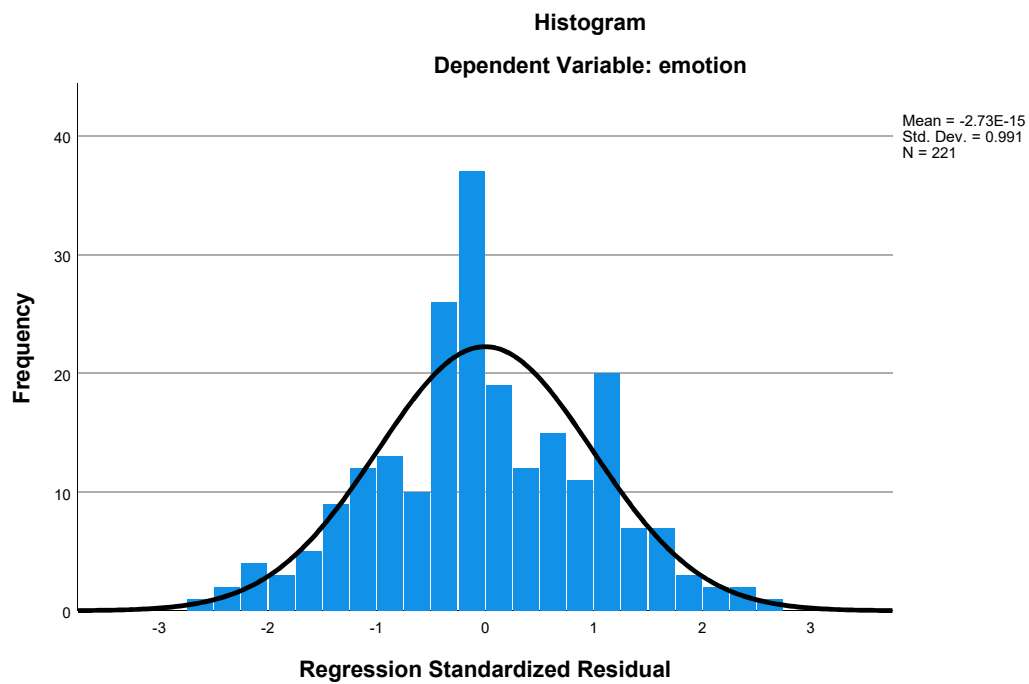
a. Dependent Variable: emotion

Residuals Statistics^a

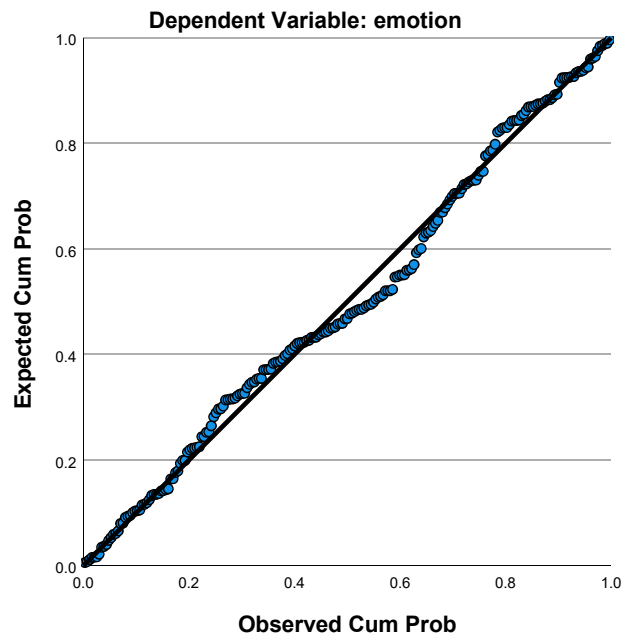
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.03	3.54	2.07	.404	221
Residual	-1.335	1.414	.000	.525	221
Std. Predicted Value	-2.562	3.648	.000	1.000	221
Std. Residual	-2.521	2.671	.000	.991	221

a. Dependent Variable: emotion

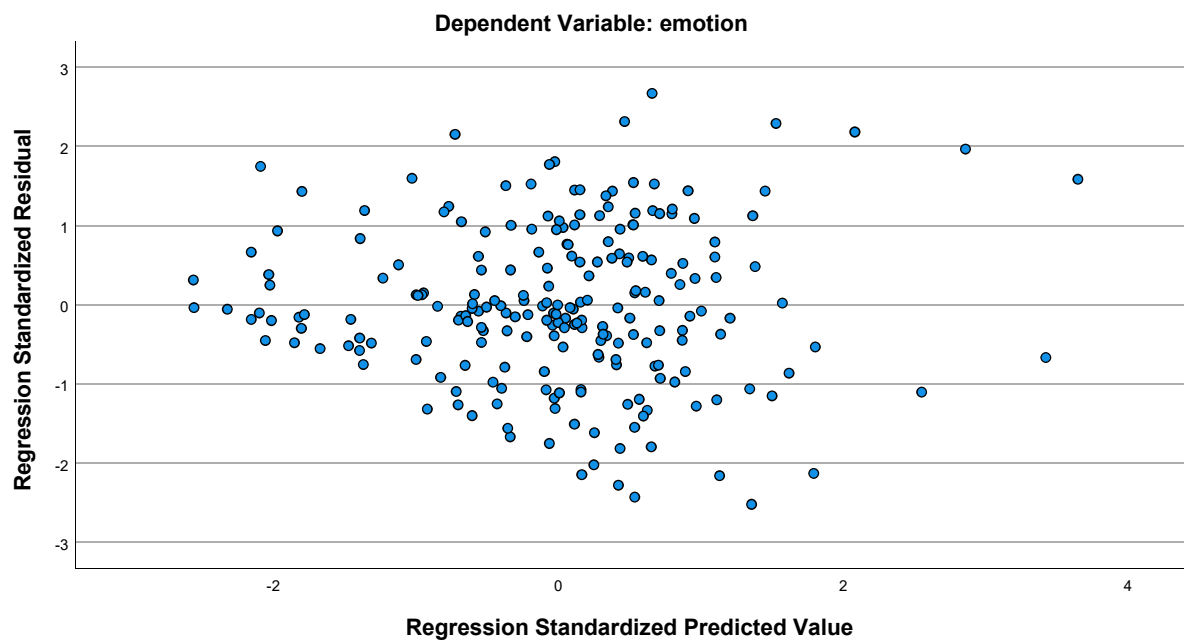
Charts



Normal P-P Plot of Regression Standardized Residual



Scatterplot



Matrix

Run MATRIX procedure:

***** PROCESS Procedure for SPSS Version 4.1 *****

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 Documentation available in Hayes (2022). www.guilford.com/p/hayes3

Model : 4
Y : emotion
X : social
M : resilien

Covariates:
grade2 gender

Sample
Size: 221

OUTCOME VARIABLE:
resilien

Model Summary

R	R-sq	MSE	F	df1	df2	p
.4804	.2308	.2321	21.7016	3.0000	217.0000	.0000

Model

	coeff	se	t	p	LLCI	ULCI
constant	2.3570	.2539	9.2841	.0000	1.8566	2.8573
social	.0600	.0085	7.0552	.0000	.0432	.0767
grade2	-.1195	.0674	-1.7729	.0777	-.2524	.0134
gender	-.1613	.0651	-2.4779	.0140	-.2896	-.0330

Standardized coefficients

	coeff
social	.4298
grade2	-.1079
gender	-.1479

OUTCOME VARIABLE:
emotion

Model Summary

R	R-sq	MSE	F	df1	df2	p
.6103	.3724	.2803	32.0452	4.0000	216.0000	.0000

Model

	coeff	se	t	p	LLCI	ULCI
constant	4.4527	.3298	13.5028	.0000	3.8028	5.1027
social	-.0214	.0104	-2.0692	.0397	-.0418	-.0010
resilien	-.6251	.0746	-8.3803	.0000	-.7722	-.4781
grade2	-.1253	.0746	-1.6787	.0947	-.2724	.0218
gender	.2278	.0725	3.1405	.0019	.0848	.3708

Standardized coefficients

	coeff
social	-.1265
resilien	-.5150
grade2	-.0932

gender .1721

***** TOTAL EFFECT MODEL *****

OUTCOME VARIABLE:

emotion

Model Summary

R	R-sq	MSE	F	df1	df2	p
.4103	.1684	.3697	14.6451	3.0000	217.0000	.0000

Model

	coeff	se	t	p	LLCI	ULCI
constant	2.9793	.3204	9.2984	.0000	2.3478	3.6108
social	-.0589	.0107	-5.4923	.0000	-.0801	-.0378
grade2	-.0505	.0851	-.5940	.5531	-.2183	.1172
gender	.3286	.0822	4.0003	.0001	.1667	.4906

Standardized coefficients

	coeff
social	-.3479
grade2	-.0376
gender	.2483

***** TOTAL, DIRECT, AND INDIRECT EFFECTS OF X ON Y *****

Total effect of X on Y

Effect	se	t	p	LLCI	ULCI	c_cs
-.0589	.0107	-5.4923	.0000	-.0801	-.0378	-.3479

Direct effect of X on Y

Effect	se	t	p	LLCI	ULCI	c'_cs
-.0214	.0104	-2.0692	.0397	-.0418	-.0010	-.1265

Indirect effect(s) of X on Y:

	Effect	BootSE	BootLLCI	BootULCI
resilien	-.0375	.0080	-.0543	-.0235

Completely standardized indirect effect(s) of X on Y:

	Effect	BootSE	BootLLCI	BootULCI
resilien	-.2214	.0417	-.3060	-.1455

***** ANALYSIS NOTES AND ERRORS *****

Level of confidence for all confidence intervals in output:

95.0000

Number of bootstrap samples for percentile bootstrap confidence intervals:

5000

----- END MATRIX -----