Host

Notes

Output Created		12-JUL-2026 12:31:08
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\sav\regression_coefficients_analysis_data_with_predictions.sav
	Active Dataset	RegressionCoefficientsData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output"'].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.06

Host

Notes

Output Created		12-JUL-2026 12:31:08
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\sav\regression_coefficients_analysis_data_with_predictions.sav
	Active Dataset	RegressionCoefficientsData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav"'].
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.05

Host

Notes

Output Created		12-JUL-2026 12:31:08
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\sav\regression_coefficients_analysis_data_with_predictions.sav
	Active Dataset	RegressionCoefficientsData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\spv" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\spv"'].
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.05

Host

Notes

Output Created		12-JUL-2026 12:31:08
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\sav\regression_coefficients_analysis_data_with_predictions.sav
	Active Dataset	RegressionCoefficientsData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\pdf" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\pdf" '].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.03

Host

Notes

Output Created		12-JUL-2026 12:31:08
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\sav\regression_coefficients_analysis_data_with_predictions.sav
	Active Dataset	RegressionCoefficientsData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['del /Q "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav*.sav" 2>nul'].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.05

Host

Notes

Output Created		12-JUL-2026 12:31:08
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\sav\regression_coefficients_analysis_data_with_predictions.sav
	Active Dataset	RegressionCoefficientsData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['del /Q "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\spv*.spv" 2>nul'].
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.03

Host

Notes

Output Created		12-JUL-2026 12:31:08
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\sav\regression_coefficients_analysis_data_with_predictions.sav
	Active Dataset	RegressionCoefficientsData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['del /Q "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\pdf*.pdf" 2>nul'].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.06

Regression Confidence Interval
Import dataset.csv

Descriptives

Notes

Output Created		12-JUL-2026 12:31:08
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
	Active Dataset	RegressionConfidenceIntervalData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=G3 G1 G2 studytime failures absences age /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.01

```
[RegressionConfidenceIntervalData] D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
```

Regression Confidence Interval
Descriptive statistics and correlations

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Final grade outcome	649	.00	19.00	11.9060	3.23066
First-period grade predictor	649	.00	19.00	11.3991	2.74527
Second-period grade predictor	649	.00	19.00	11.5701	2.91364
Weekly study-time category	649	1.00	4.00	1.9307	.82951
Past class failures	649	.00	3.00	.2219	.59324
School absences	649	.00	32.00	3.6595	4.64076
Student age	649	15.00	22.00	16.7442	1.21814
Valid N (listwise)	649				

Correlations

Notes

Output Created		12-JUL-2026 12:31:09
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
	Active Dataset	RegressionConfidenceIntervalData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.

Regression Confidence Interval
Descriptive statistics and correlations

Notes

Syntax		CORRELATIONS /VARIABLES=G3 G1 G2 studytime failures absences age /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

Correlations

		Final grade outcome	First-period grade predictor	Second-period grade predictor
Final grade outcome	Pearson Correlation	1	.826**	.919**
	Sig. (2-tailed)		.000	.000
	N	649	649	649
First-period grade predictor	Pearson Correlation	.826**	1	.865**
	Sig. (2-tailed)	.000		.000
	N	649	649	649
Second-period grade predictor	Pearson Correlation	.919**	.865**	1
	Sig. (2-tailed)	.000	.000	
	N	649	649	649
Weekly study-time category	Pearson Correlation	.250**	.261**	.240**
	Sig. (2-tailed)	.000	.000	.000
	N	649	649	649
Past class failures	Pearson Correlation	-.393**	-.384**	-.386**
	Sig. (2-tailed)	.000	.000	.000
	N	649	649	649
School absences	Pearson Correlation	-.091*	-.147**	-.125**
	Sig. (2-tailed)	.020	.000	.001
	N	649	649	649
Student age	Pearson Correlation	-.107**	-.174**	-.107**
	Sig. (2-tailed)	.007	.000	.006
	N	649	649	649

Regression Confidence Interval
Descriptive statistics and correlations

Correlations

		Weekly study-time category	Past class failures	School absences
Final grade outcome	Pearson Correlation	.250**	-.393**	-.091*
	Sig. (2-tailed)	.000	.000	.020
	N	649	649	649
First-period grade predictor	Pearson Correlation	.261**	-.384**	-.147**
	Sig. (2-tailed)	.000	.000	.000
	N	649	649	649
Second-period grade predictor	Pearson Correlation	.240**	-.386**	-.125**
	Sig. (2-tailed)	.000	.000	.001
	N	649	649	649
Weekly study-time category	Pearson Correlation	1	-.147**	-.118**
	Sig. (2-tailed)		.000	.003
	N	649	649	649
Past class failures	Pearson Correlation	-.147**	1	.123**
	Sig. (2-tailed)	.000		.002
	N	649	649	649
School absences	Pearson Correlation	-.118**	.123**	1
	Sig. (2-tailed)	.003	.002	
	N	649	649	649
Student age	Pearson Correlation	-.008	.320**	.150**
	Sig. (2-tailed)	.831	.000	.000
	N	649	649	649

Regression Confidence Interval
Descriptive statistics and correlations

Correlations

		Student age
Final grade outcome	Pearson Correlation	-.107**
	Sig. (2-tailed)	.007
	N	649
First-period grade predictor	Pearson Correlation	-.174**
	Sig. (2-tailed)	.000
	N	649
Second-period grade predictor	Pearson Correlation	-.107**
	Sig. (2-tailed)	.006
	N	649
Weekly study-time category	Pearson Correlation	-.008
	Sig. (2-tailed)	.831
	N	649
Past class failures	Pearson Correlation	.320**
	Sig. (2-tailed)	.000
	N	649
School absences	Pearson Correlation	.150**
	Sig. (2-tailed)	.000
	N	649
Student age	Pearson Correlation	1
	Sig. (2-tailed)	
	N	649

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

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

Regression Confidence Interval
OLS coefficients with 95% confidence intervals

Regression

Notes

Output Created		12-JUL-2026 12:31:09
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
	Active Dataset	RegressionConfidenceIntervalData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
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.

Regression Confidence Interval
OLS coefficients with 95% confidence intervals

Notes

Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA CHANGE CI(95) COLLIN TOL ZPP /CRITERIA=PIN(.05) POUT(.10) TOLERANCE(.0001) /NOORIGIN /DEPENDENT G3 /METHOD=ENTER G1 G2 studytime failures absences age /SAVE PRED (predicted_G3) RESID (residual_G3) ZPRED (zpred_G3) ZRESID (zresid_G3) COOK (cooks_distance) LEVER...
Resources	Processor Time	00:00:00.11
	Elapsed Time	00:00:00.05
	Memory Required	6768 bytes
	Additional Memory Required for Residual Plots	0 bytes
Variables Created or Modified	predicted_G3	Unstandardized Predicted Value
	residual_G3	Unstandardized Residual
	zpred_G3	Standardized Predicted Value
	zresid_G3	Standardized Residual
	cooks_distance	Cook's Distance
	leverage_centered	Centered Leverage Value

Regression Confidence Interval
OLS coefficients with 95% confidence intervals

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Student age, Weekly study-time category, School absences, Second-period grade predictor, Past class failures, First-period grade predictor[b]	.	Enter

a. Dependent Variable: Final grade outcome

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics		
					R Square Change	F Change	df1
1	.922[a]	.851	.849	1.25441	.851	609.353	6

Model Summary[b]

Model	Change Statistics	
	df2	Sig. F Change
1	642	.000

a. Predictors: (Constant), Student age, Weekly study-time category, School absences, Second-period grade predictor, Past class failures, First-period grade predictor

b. Dependent Variable: Final grade outcome

Regression Confidence Interval
OLS coefficients with 95% confidence intervals

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5753.053	6	958.842	609.353	.000[b]
	Residual	1010.214	642	1.574		
	Total	6763.267	648			

a. Dependent Variable: Final grade outcome

b. Predictors: (Constant), Student age, Weekly study-time category, School absences, Second-period grade predictor, Past class failures, First-period grade predictor

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.545	.763		-.715	.475
	First-period grade predictor	.142	.037	.121	3.886	.000
	Second-period grade predictor	.883	.034	.797	25.823	.000
	Weekly study-time category	.095	.062	.024	1.526	.127
	Past class failures	-.233	.095	-.043	-2.456	.014
	School absences	.023	.011	.033	2.086	.037
	Student age	.024	.043	.009	.544	.587

Regression Confidence Interval
OLS coefficients with 95% confidence intervals

Coefficients[a]

Model		95.0% Confidence Interval for B		Correlations		
		Lower Bound	Upper Bound	Zero-order	Partial	Part
1	(Constant)	-2.043	.952			
	First-period grade predictor	.070	.214	.826	.152	.059
	Second-period grade predictor	.816	.951	.919	.714	.394
	Weekly study-time category	-.027	.216	.250	.060	.023
	Past class failures	-.420	-.047	-.393	-.096	-.037
	School absences	.001	.044	-.091	.082	.032
	Student age	-.062	.109	-.107	.021	.008

Coefficients[a]

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	First-period grade predictor	.241	4.155
	Second-period grade predictor	.244	4.091
	Weekly study-time category	.919	1.088
	Past class failures	.766	1.306
	School absences	.954	1.049
	Student age	.866	1.155

a. Dependent Variable: Final grade outcome

Regression Confidence Interval
OLS coefficients with 95% confidence intervals

Collinearity Diagnostics[a]

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	First-period grade predictor	Second-period grade predictor
1	1	5.344	1.000	.00	.00	.00
	2	.921	2.409	.00	.00	.00
	3	.567	3.071	.00	.00	.00
	4	.116	6.798	.00	.01	.01
	5	.043	11.188	.02	.06	.08
	6	.008	26.235	.00	.87	.89
	7	.002	49.066	.97	.06	.02

Collinearity Diagnostics[a]

Model	Dimension	Variance Proportions			
		Weekly study-time category	Past class failures	School absences	Student age
1	1	.00	.00	.01	.00
	2	.00	.64	.03	.00
	3	.01	.10	.88	.00
	4	.97	.00	.02	.00
	5	.01	.21	.05	.03
	6	.00	.00	.00	.00
	7	.00	.04	.00	.96

a. Dependent Variable: Final grade outcome

Regression Confidence Interval
OLS coefficients with 95% confidence intervals

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	.3103	19.5785	11.9060	2.97963	649
Std. Predicted Value	-3.892	2.575	.000	1.000	649
Standard Error of Predicted Value	.059	.403	.122	.045	649
Adjusted Predicted Value	.3211	19.5896	11.9069	2.97865	649
Residual	-9.04462	5.81680	.00000	1.24859	649
Std. Residual	-7.210	4.637	.000	.995	649
Stud. Residual	-7.277	4.651	.000	1.002	649
Deleted Residual	-9.23401	5.85106	-.00090	1.26478	649
Stud. Deleted Residual	-7.591	4.727	-.003	1.019	649
Mahal. Distance	.414	65.945	5.991	6.491	649
Cook's Distance	.000	.177	.002	.010	649
Centered Leverage Value	.001	.102	.009	.010	649

a. Dependent Variable: Final grade outcome

Regression Confidence Interval

Descriptives

Notes

Output Created		12-JUL-2026 12:31:09
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
	Active Dataset	RegressionConfidenceIntervalData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=predicted_G3 residual_G3 mean_ci95_lower mean_ci95_upper prediction_interval95_lower prediction_interval95_upper mean_ci95_width prediction_interval95_width residual_mse t_critical_95 leverage_hat /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

Regression Confidence Interval
Saved values and interval summaries

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Unstandardized Predicted Value	649	.310323	19.578513	11.90600924	2.979625419
Unstandardized Residual	649	-9.044619	5.816804	.00000000	1.248588051
mean_ci95_lower	649	-.184891	19.241211	11.66571781	3.007300820
mean_ci95_upper	649	.761278	19.915815	12.14630068	2.954303301
prediction_interval95_lower	649	-2.193856	17.092286	9.42955034	2.983525389
prediction_interval95_upper	649	2.814502	22.064740	14.38246815	2.975769978
mean_ci95_width	649	.230041	1.583452	.48058288	.175675499
prediction_interval95_width	649	4.931848	5.174701	4.95291782	.024307856
residual_mse	649	1.573542	1.573542	1.57354196	.000000000
t_critical_95	649	1.963666	1.963666	1.96366597	.000000000
leverage_hat	649	.002180	.103309	.01078582	.010016472
Valid N (listwise)	649				

Frequencies

Regression Confidence Interval
Saved values and interval summaries

Notes

Output Created		12-JUL-2026 12:31:09
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
	Active Dataset	RegressionConfidenceIntervalData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=inside_mean_ci95 inside_prediction_interval95 /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.01

Statistics

		inside_mean_ci95	inside_prediction_interval95
N	Valid	649	649
	Missing	0	0

Frequency Table

Regression Confidence Interval
Saved values and interval summaries

inside_mean_ci95

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Outside interval	554	85.4	85.4	85.4
	Inside interval	95	14.6	14.6	100.0
	Total	649	100.0	100.0	

inside_prediction_interval95

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Outside interval	18	2.8	2.8	2.8
	Inside interval	631	97.2	97.2	100.0
	Total	649	100.0	100.0	

Explore

Notes

Output Created		12-JUL-2026 12:31:10
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
	Active Dataset	RegressionConfidenceIntervalData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649

Regression Confidence Interval
Saved values and interval summaries

Notes

Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=residual_G3 zresid_G3 /PLOT BOXPLOT HISTOGRAM NPPLOT /STATISTICS DESCRIPTIVES EXTREME /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:02.34
	Elapsed Time	00:00:01.98

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Unstandardized Residual	649	100.0%	0	0.0%	649	100.0%
Standardized Residual	649	100.0%	0	0.0%	649	100.0%

Regression Confidence Interval
Saved values and interval summaries

Descriptives

			Statistic	Std. Error
Unstandardized Residual	Mean		.00000000	.049011368
	95% Confidence Interval for Mean	Lower Bound	-.09624027	
		Upper Bound	.09624027	
	5% Trimmed Mean		.07015724	
	Median		-.06826035	
	Variance		1.559	
	Std. Deviation		1.248588051	
	Minimum		-9.044619	
	Maximum		5.816804	
	Range		14.861423	
	Interquartile Range		1.082331	
	Skewness		-2.864	.096
	Kurtosis		18.667	.192
Standardized Residual	Mean		.0000000	.03907128
	95% Confidence Interval for Mean	Lower Bound	-.0767216	
		Upper Bound	.0767216	
	5% Trimmed Mean		.0559285	
	Median		-.0544163	
	Variance		.991	
	Std. Deviation		.99535960	
	Minimum		-7.21026	
	Maximum		4.63709	
	Range		11.84735	
	Interquartile Range		.86282	
	Skewness		-2.864	.096
	Kurtosis		18.667	.192

Regression Confidence Interval
Saved values and interval summaries

Extreme Values

			Case Number	Value
Unstandardized Residual	Highest	1	62	5.816804
		2	308	2.673016
		3	355	2.578449
		4	390	2.558341
		5	359	2.536953
	Lowest	1	173	-9.044619
		2	164	-9.022936
		3	587	-8.250282
		4	640	-7.543323
		5	520	-7.343242
Standardized Residual	Highest	1	62	4.63709
		2	308	2.13090
		3	355	2.05551
		4	390	2.03948
		5	359	2.02243
	Lowest	1	173	-7.21026
		2	164	-7.19298
		3	587	-6.57703
		4	640	-6.01345
		5	520	-5.85395

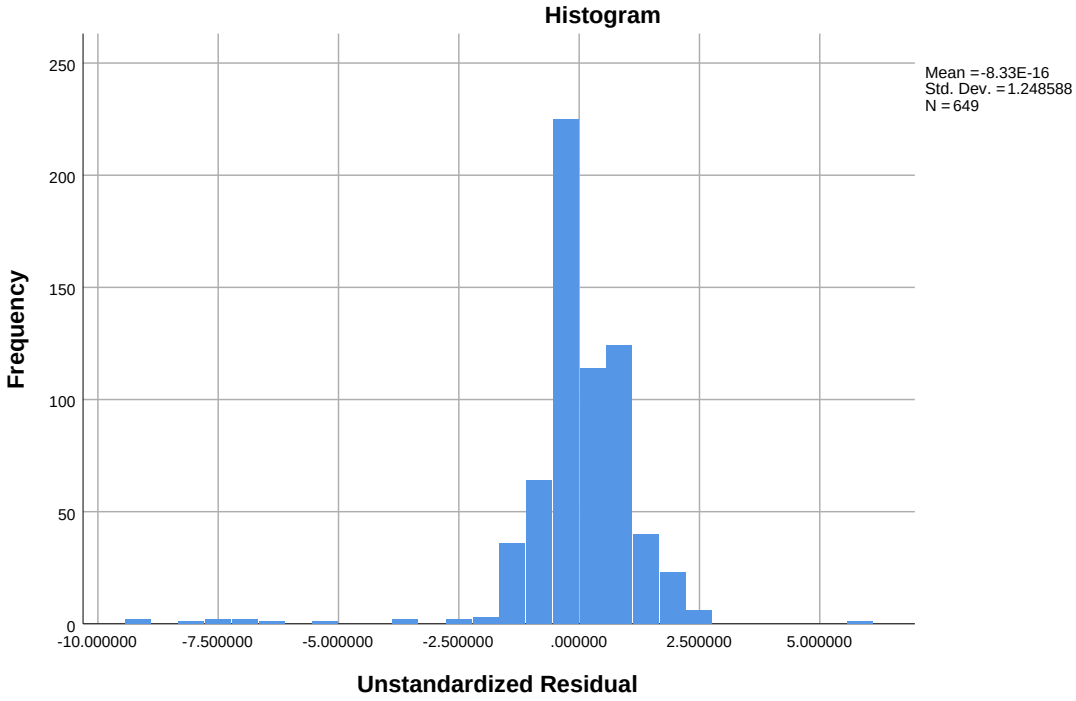
Tests of Normality

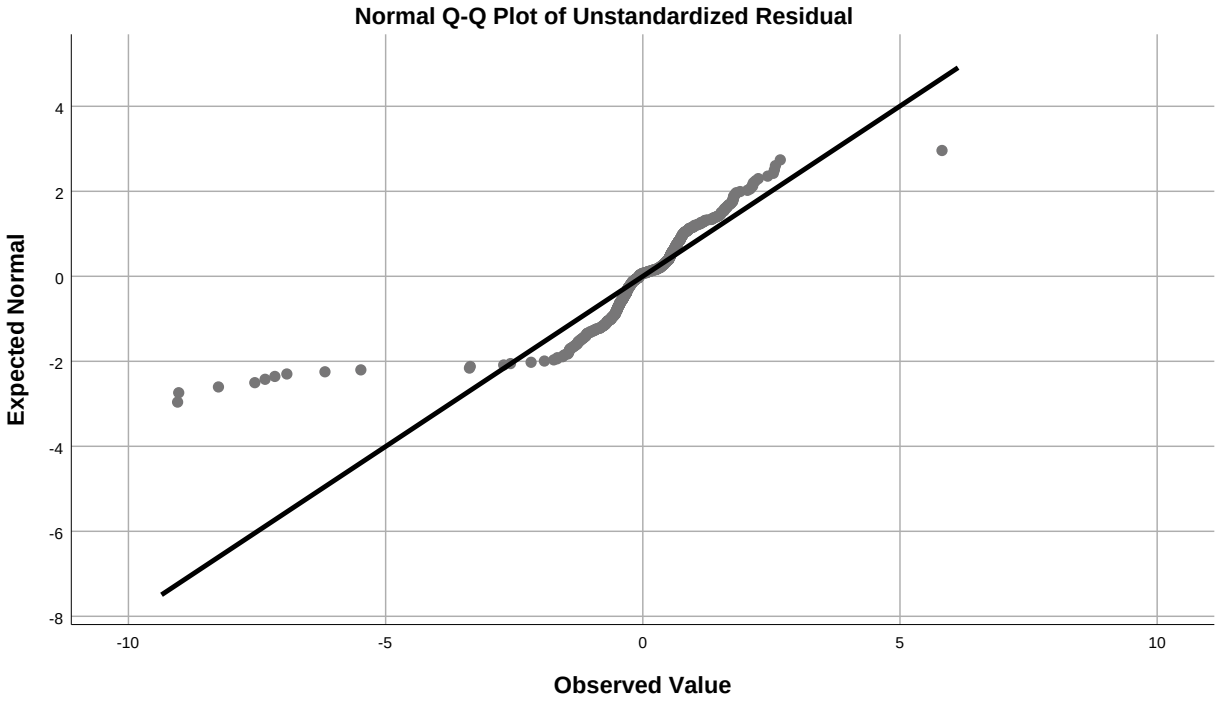
	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.155	649	.000	.755	649	.000
Standardized Residual	.155	649	.000	.755	649	.000

a. Lilliefors Significance Correction

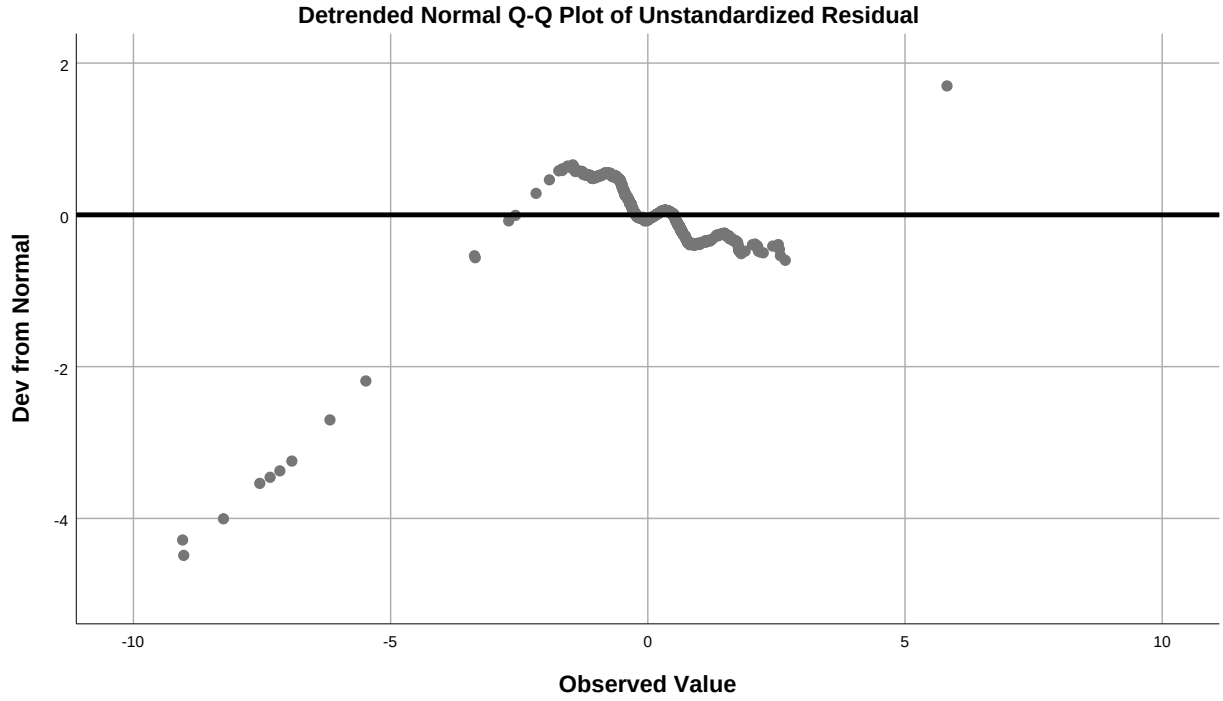
Unstandardized Residual

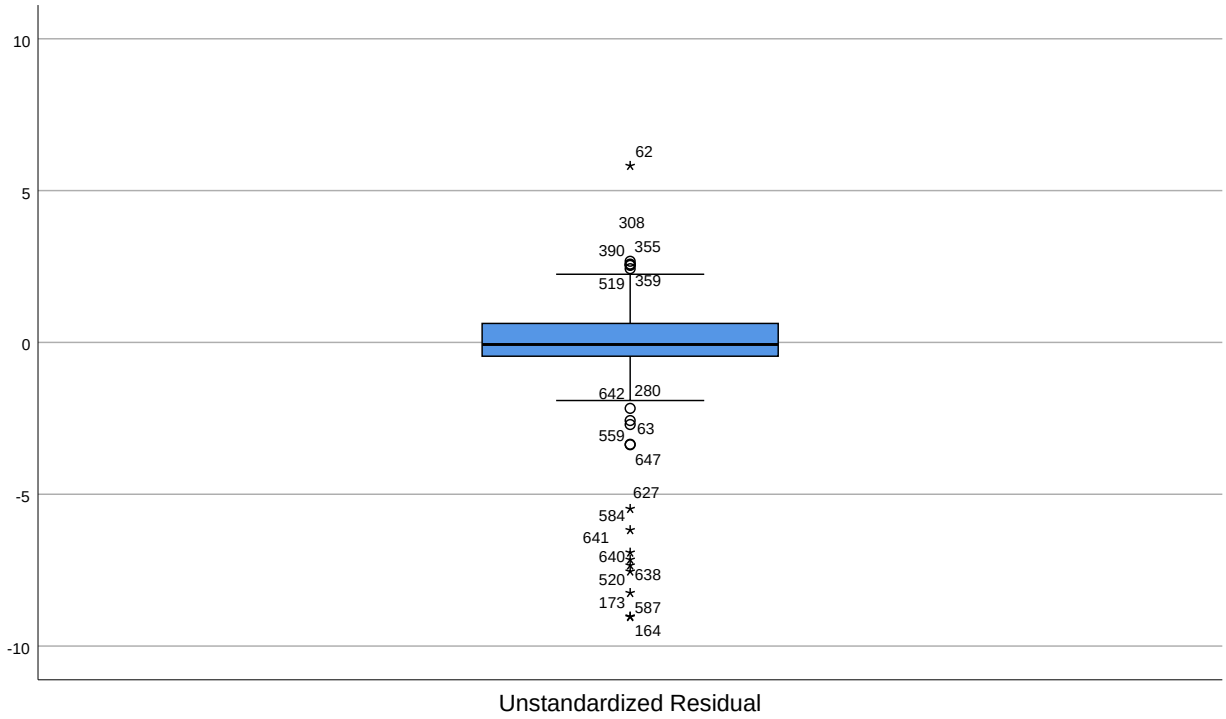
Regression Confidence Interval
Saved values and interval summaries



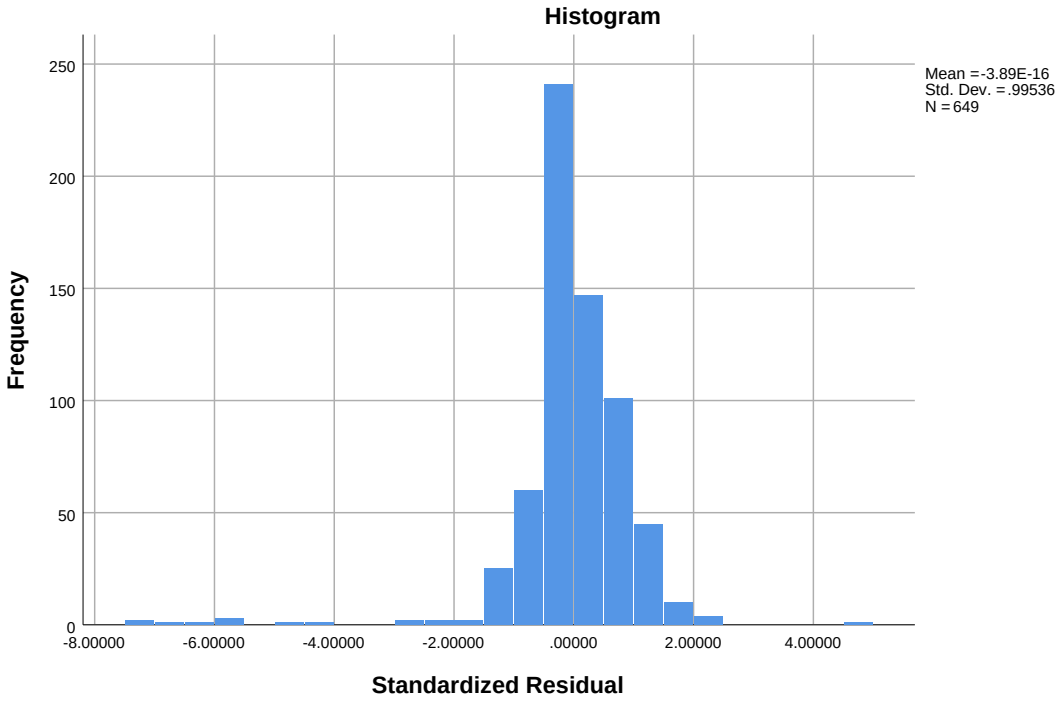


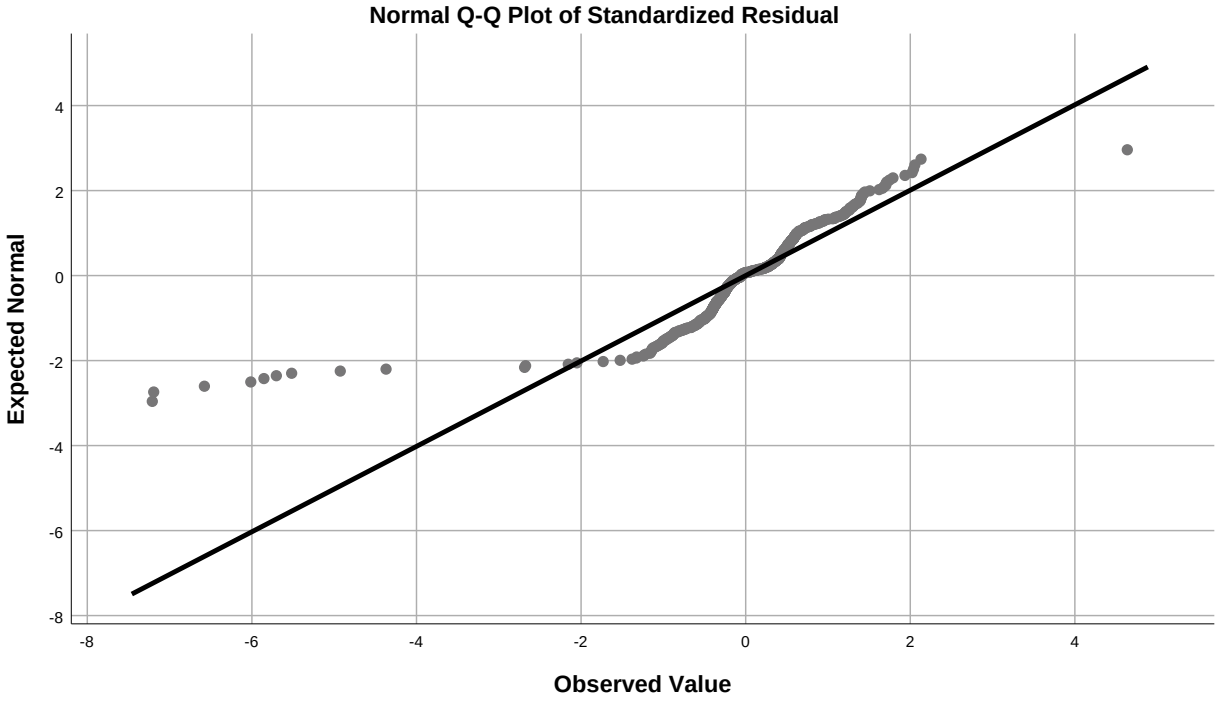
Regression Confidence Interval
Saved values and interval summaries

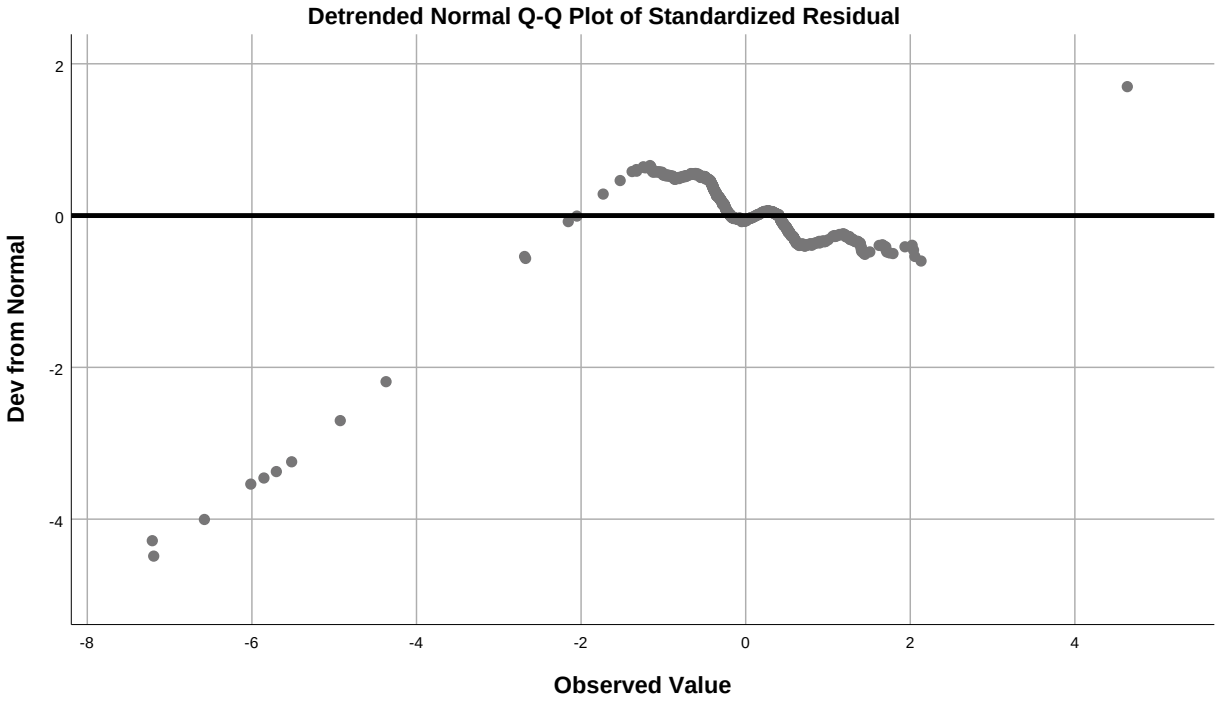


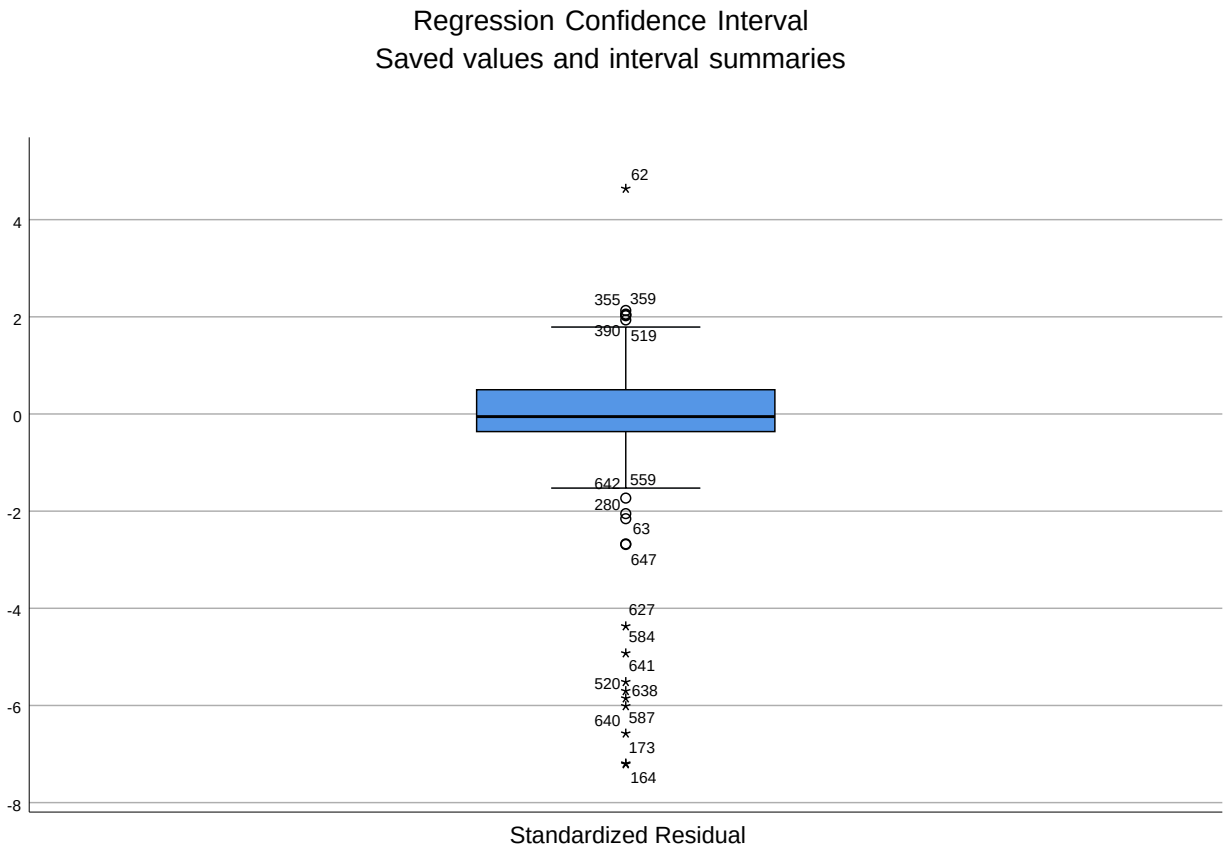


Standardized Residual




Normal Q-Q Plot of Standardized Residual
Expected Normal
Observed Value
4
2
0
-2
-4
-6
-8
-8
-6
-4
-2
0
2
4


Detrended Normal Q-Q Plot of Standardized Residual
Dev from Normal
Observed Value
2
0
-2
-4
-8
-6
-4
-2
0
2
4


Regression Confidence Interval
Saved values and interval summaries
62
4
355
359
2
390
519
0
642
559
280
-2
63
647
-4
627
584
641
520
638
-6
640
587
173
164
-8
Standardized Residual

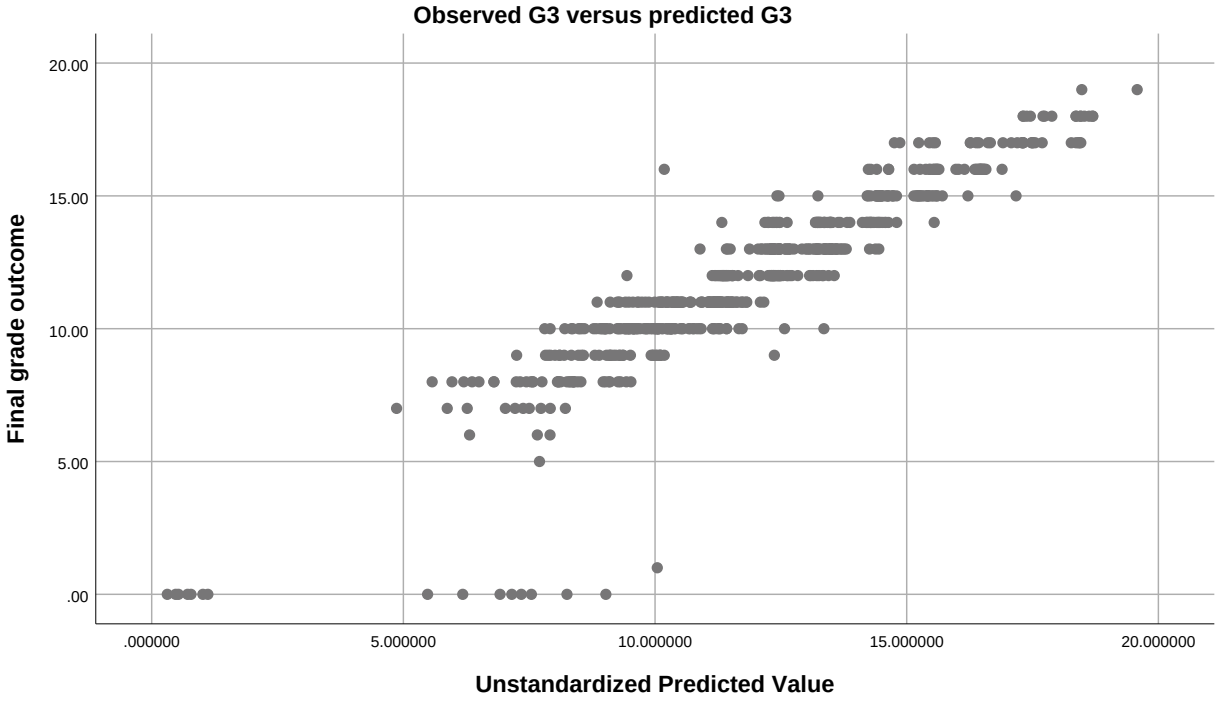
Graph

Regression Confidence Interval
Saved values and interval summaries

Notes

Output Created		12-JUL-2026 12:31:12
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
	Active Dataset	RegressionConfidenceIntervalData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Syntax		GRAPH /SCATTERPLOT(BIVAR)=predicted_G3 WITH G3 /TITLE='Observed G3 versus predicted G3'.
Resources	Processor Time	00:00:00.30
	Elapsed Time	00:00:00.29

Regression Confidence Interval
Saved values and interval summaries



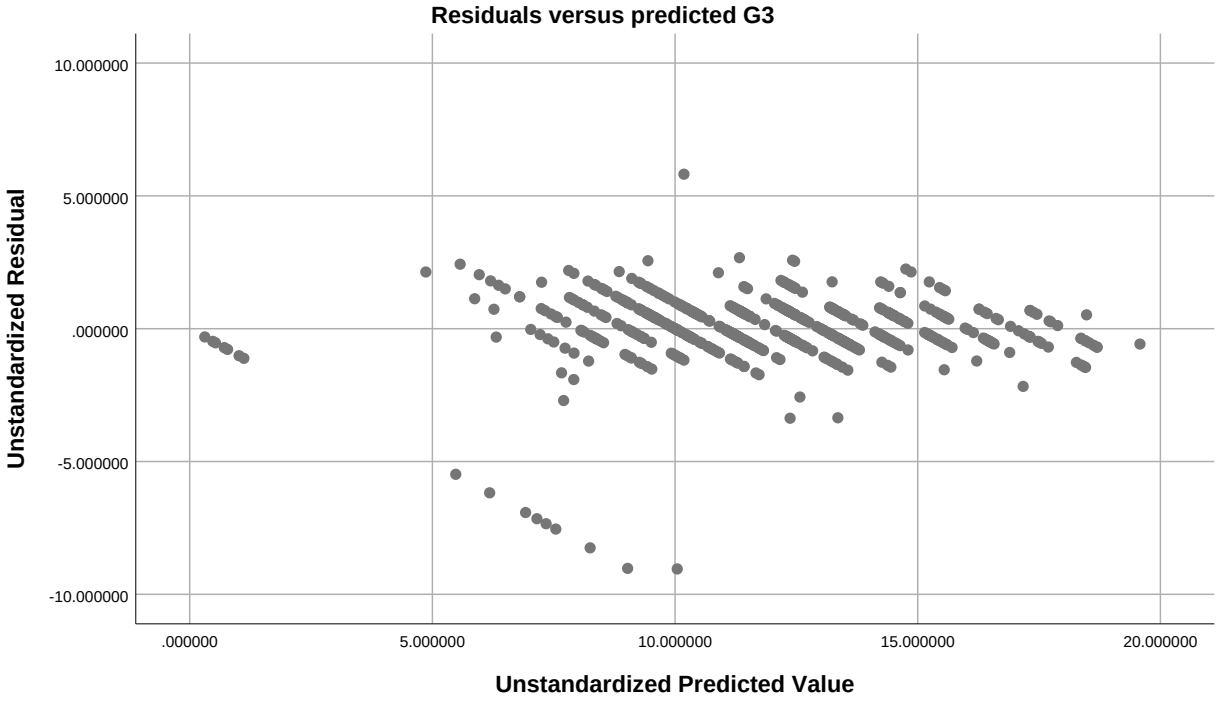
Graph

Regression Confidence Interval
Saved values and interval summaries

Notes

Output Created		12-JUL-2026 12:31:12
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
	Active Dataset	RegressionConfidenceIntervalData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Syntax		GRAPH /SCATTERPLOT(BIVAR)=predicted_G3 WITH residual_G3 /TITLE='Residuals versus predicted G3'.
Resources	Processor Time	00:00:00.25
	Elapsed Time	00:00:00.25

Regression Confidence Interval
Saved values and interval summaries



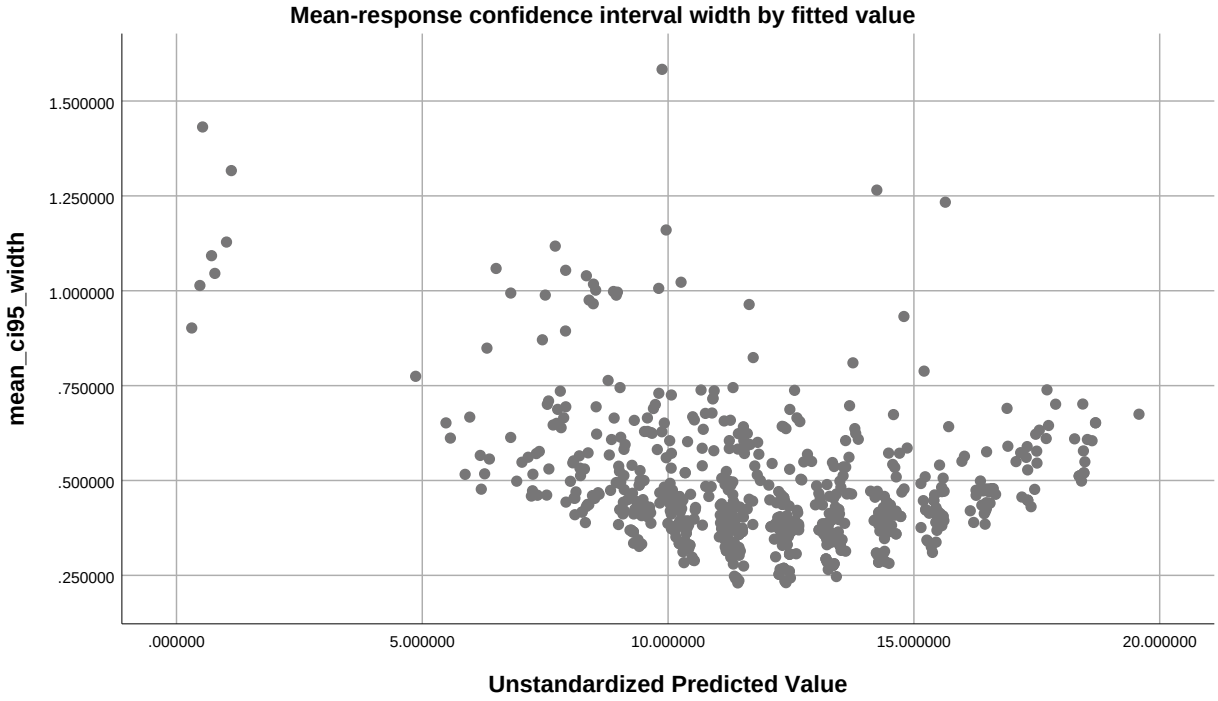
Graph

Regression Confidence Interval
Saved values and interval summaries

Notes

Output Created		12-JUL-2026 12:31:12
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
	Active Dataset	RegressionConfidenceIntervalData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Syntax		GRAPH /SCATTERPLOT(BIVAR)=predicted_G3 WITH mean_ci95_width /TITLE='Mean-response confidence interval width by fitted value'.
Resources	Processor Time	00:00:00.25
	Elapsed Time	00:00:00.24

Regression Confidence Interval
Saved values and interval summaries



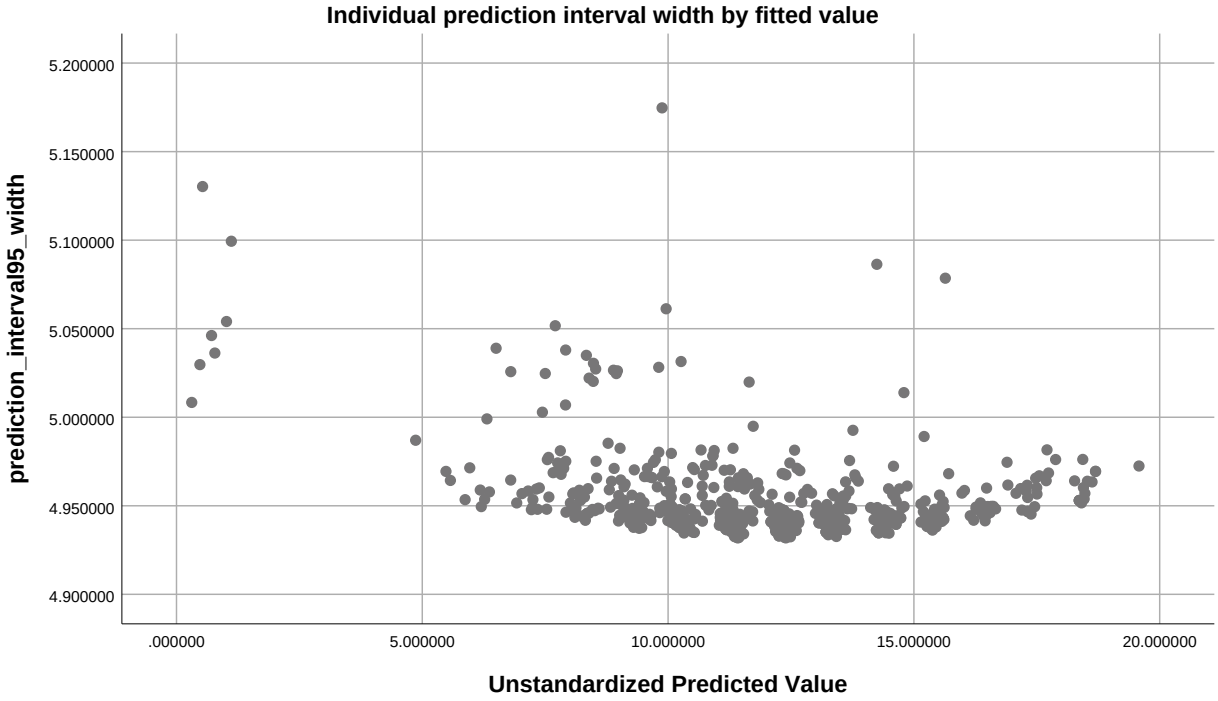
Graph

Regression Confidence Interval
Saved values and interval summaries

Notes

Output Created		12-JUL-2026 12:31:12
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
	Active Dataset	RegressionConfidenceIntervalData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Syntax		GRAPH /SCATTERPLOT(BIVAR)=predicted_G3 WITH prediction_interval95_width /TITLE='Individual prediction interval width by fitted value'.
Resources	Processor Time	00:00:00.25
	Elapsed Time	00:00:00.23

Regression Confidence Interval
Saved values and interval summaries



Graph

Regression Confidence Interval
Saved values and interval summaries

Notes

Output Created		12-JUL-2026 12:31:13
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Confidence Interval\SPSS_Output\sav\regression_confidence_interval_analysis_data.sav
	Active Dataset	RegressionConfidenceIntervalData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Syntax		GRAPH /HISTOGRAM(NORMAL) =residual_G3 /TITLE='Residual distribution'.
Resources	Processor Time	00:00:00.25
	Elapsed Time	00:00:00.22

Regression Confidence Interval
Saved values and interval summaries