

Host

Notes

Output Created		12-JUL-2026 12:21:19
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\sav\regression_assumptions_analysis_data_with_diagnostics.sav
	Active Dataset	RegressionAssumptionsData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=["if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output"].
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.05

Host

Notes

Output Created		12-JUL-2026 12:21:19
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\sav\regression_assumptions_analysis_data_with_diagnostics.sav
	Active Dataset	RegressionAssumptionsData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=[if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\sav" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\sav"]].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.05

Host

Notes

Output Created		12-JUL-2026 12:21:19
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\sav\regression_assumptions_analysis_data_with_diagnostics.sav
	Active Dataset	RegressionAssumptionsData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=["if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\spv" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\spv""].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.03

Host

Notes

Output Created		12-JUL-2026 12:21:19
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\sav\regression_assumptions_analysis_data_with_diagnostics.sav
	Active Dataset	RegressionAssumptionsData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=["if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\pdf" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\pdf""].
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03

Host

Notes

Output Created		12-JUL-2026 12:21:19
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data_with_ diagnostics.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['del /Q "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output \sav*.sav" 2>nul']. .
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.04

Host

Notes

Output Created		12-JUL-2026 12:21:19
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data_with_ diagnostics.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['del /Q "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output \spv*.spv" 2>nul']. .
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.03

Host

Notes

Output Created		12-JUL-2026 12:21:19
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data_with_ diagnostics.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['del /Q "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output \pdf*.pdf" 2>nul'].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.03

Regression Coefficients

Regression Coefficients
Import dataset.csv

Regression Coefficients

Regression Coefficients
Descriptive statistics and zero-order correlations

Descriptives

Notes		
Output Created		12-JUL-2026 12:21:19
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\sav\regression_coefficients_analysis_data.sav
	Active Dataset	RegressionCoefficientsData
	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	00:00:00.00
	Elapsed Time	00:00:00.00

[RegressionCoefficientsData] D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output\sav\regression_coefficients_analysis_data.sav

Regression Coefficients

Descriptive statistics and zero-order 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 12:21:20
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output \sav\regression_coefficient s_analysis_data.sav
	Active Dataset	RegressionCoefficientsDat a
	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 Coefficients
Descriptive statistics and zero-order correlations

Notes

Syntax	CORRELATIONS /VARIABLES=G3 G1 G2 studytime failures absences age /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.	
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02

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 Coefficients
Descriptive statistics and zero-order 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 Coefficients
Descriptive statistics and zero-order 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 Coefficients

>Warning # 2004. Command name: SUBTITLE

>The subtitle given exceeds 60 characters in length. The first 60 characters
>will be used.

Regression Coefficients
Unstandardized B, standardized Beta, confidence intervals, p

Regression

Notes

Output Created		12-JUL-2026 12:21:20
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output \sav\regression_coefficient s_analysis_data.sav
	Active Dataset	RegressionCoefficientsDat a
	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.
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...

Regression Coefficients
Unstandardized B, standardized Beta, confidence intervals, p

Notes

Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.03
	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_value	Centered Leverage Value

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.

Regression Coefficients
Unstandardized B, standardized Beta, confidence intervals, p

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

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

Regression Coefficients
Unstandardized B, standardized Beta, confidence intervals, p

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

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

Regression Coefficients
Unstandardized B, standardized Beta, confidence intervals, p

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

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	(Constant)	Variance Proportions	
					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

Regression Coefficients
Unstandardized B, standardized Beta, confidence intervals, p

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

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 Coefficients

Regression Coefficients
Saved values and residual diagnostics

Descriptives

Notes

Output Created		12-JUL-2026 12:21:20
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output \sav\regression_coefficient s_analysis_data.sav
	Active Dataset	RegressionCoefficientsDat a
	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_G 3 residual_G3 zpred_G3 zresid_G3 cooks_distance leverage_value /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

Regression Coefficients
Saved values and residual diagnostics

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Unstandardized Predicted Value	649	.31032	19.57851	11.9060092	2.97962542
Unstandardized Residual	649	-9.04462	5.81680	.0000000	1.24858805
Standardized Predicted Value	649	-3.89166	2.57499	.0000000	1.00000000
Standardized Residual	649	-7.21026	4.63709	.0000000	.99535960
Cook's Distance	649	.00000	.17695	.0018629	.00984723
Centered Leverage Value	649	.00064	.10177	.0092450	.01001647
Valid N (listwise)	649				

Explore

Notes

Output Created		12-JUL-2026 12:21:20
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output \sav\regression_coefficient s_analysis_data.sav
	Active Dataset	RegressionCoefficientsDat a
	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 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.

Regression Coefficients
Saved values and residual diagnostics

Notes

Syntax		EXAMINE VARIABLES=residual_G3 zresid_G3 /PLOT BOXPLOT HISTOGRAM NPLOT /STATISTICS DESCRIPTIVES EXTREME /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:02.86
	Elapsed Time	00:00:02.78

Case Processing Summary

	Valid		Cases 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 Coefficients
Saved values and residual diagnostics

Descriptives

			Statistic	Std. Error
Unstandardized Residual	Mean		.0000000	.04901137
	95% Confidence Interval for Mean	Lower Bound	-.0962403	
		Upper Bound	.0962403	
	5% Trimmed Mean		.0701572	
	Median		-.0682603	
	Variance		1.559	
	Std. Deviation		1.24858805	
	Minimum		-9.04462	
	Maximum		5.81680	
	Range		14.86142	
	Interquartile Range		1.08233	
	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 Coefficients
Saved values and residual diagnostics

Extreme Values

			Case Number	Value
Unstandardized Residual	Highest	1	62	5.81680
		2	308	2.67302
		3	355	2.57845
		4	390	2.55834
		5	359	2.53695
	Lowest	1	173	-9.04462
		2	164	-9.02294
		3	587	-8.25028
		4	640	-7.54332
		5	520	-7.34324
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

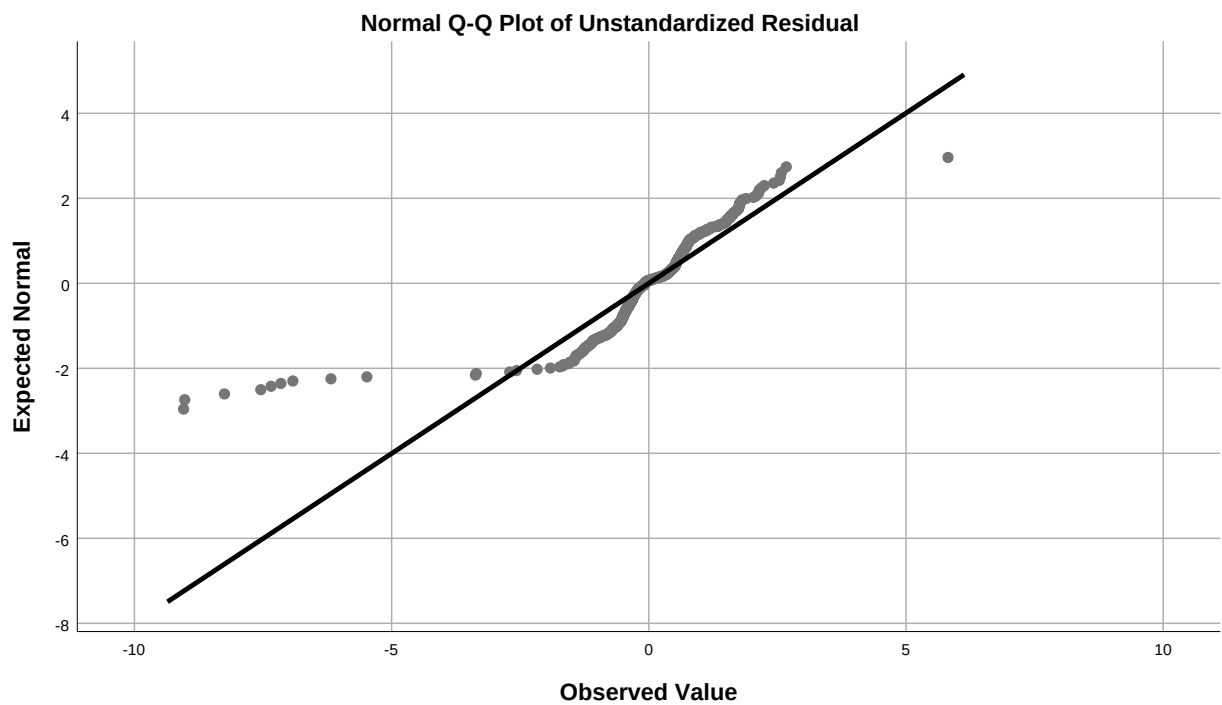
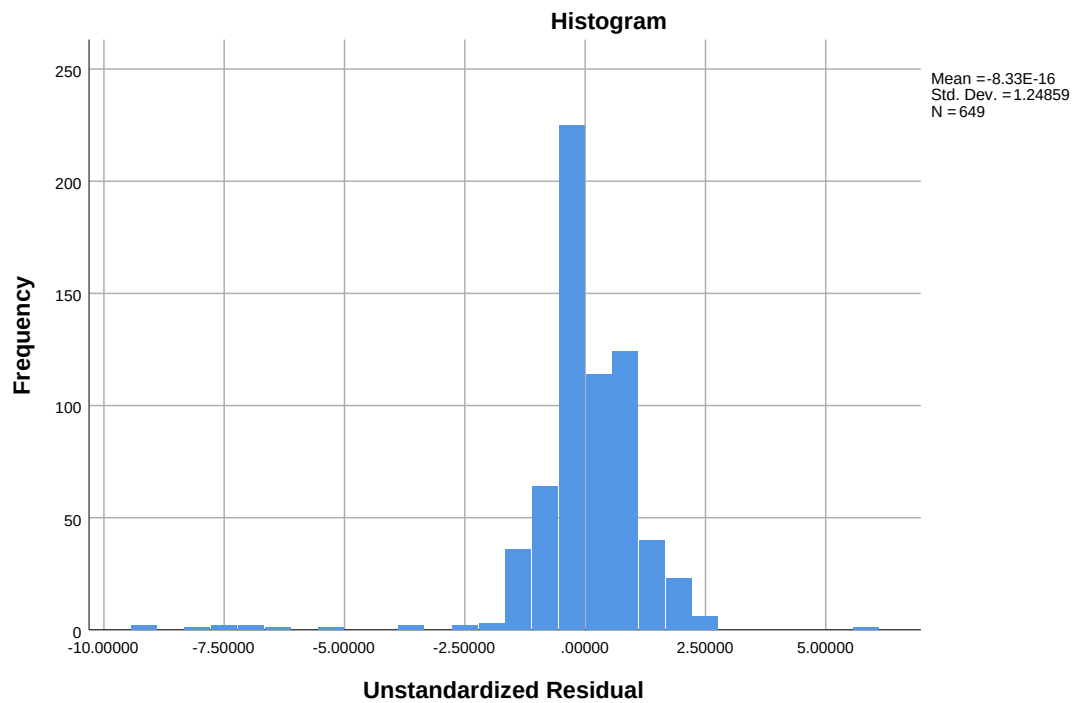
Kolmogorov-Smirnov ^a				Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Unstandardized Residual	.155	649	.000	.755	649	.000
Standardized Residual	.155	649	.000	.755	649	.000

a. Lilliefors Significance Correction

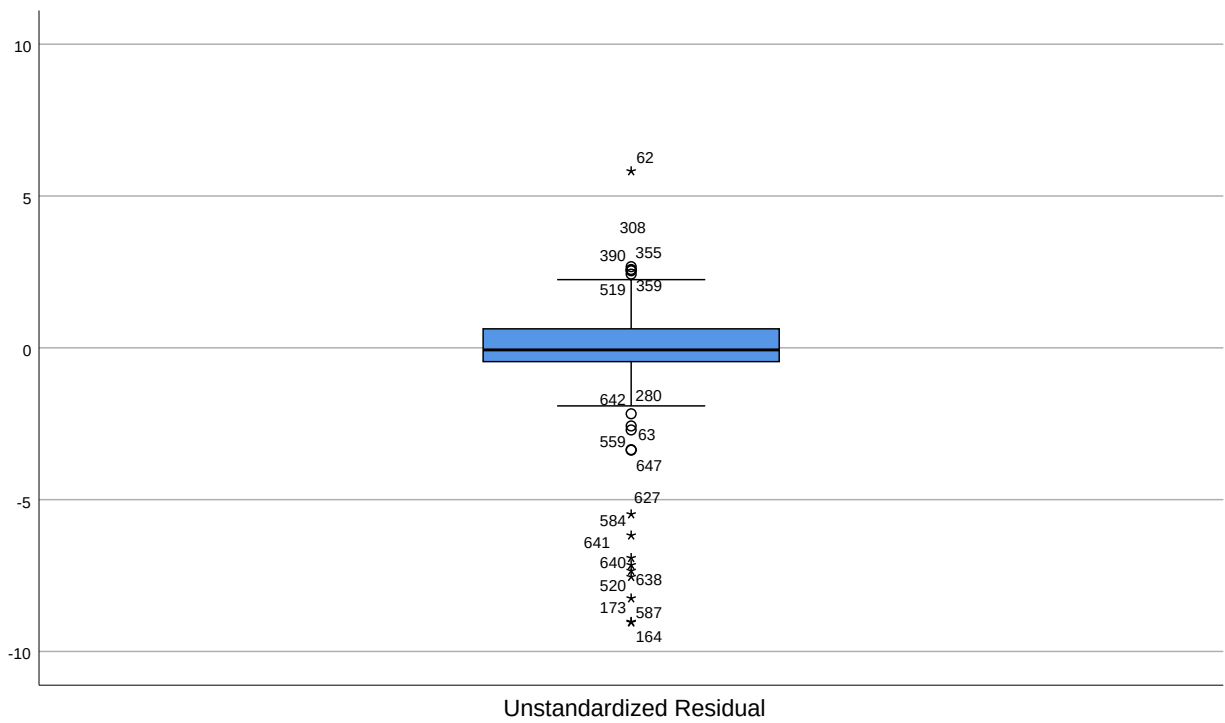
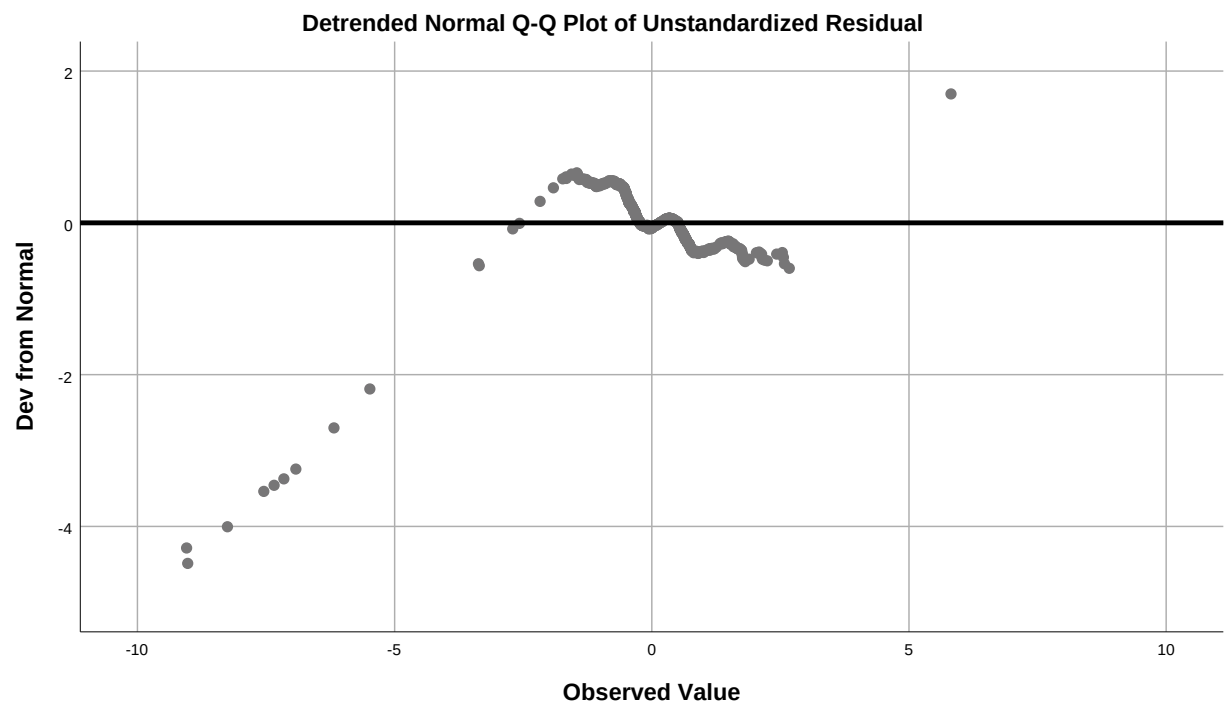
Unstandardized Residual

Regression Coefficients

Saved values and residual diagnostics

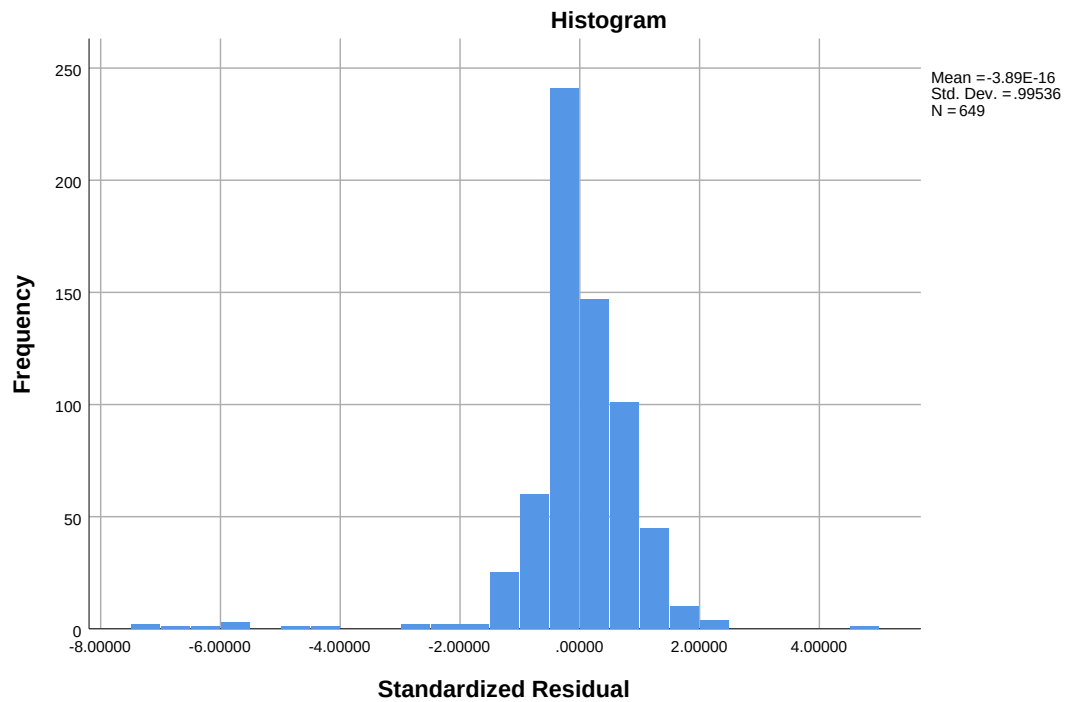


Regression Coefficients
Saved values and residual diagnostics

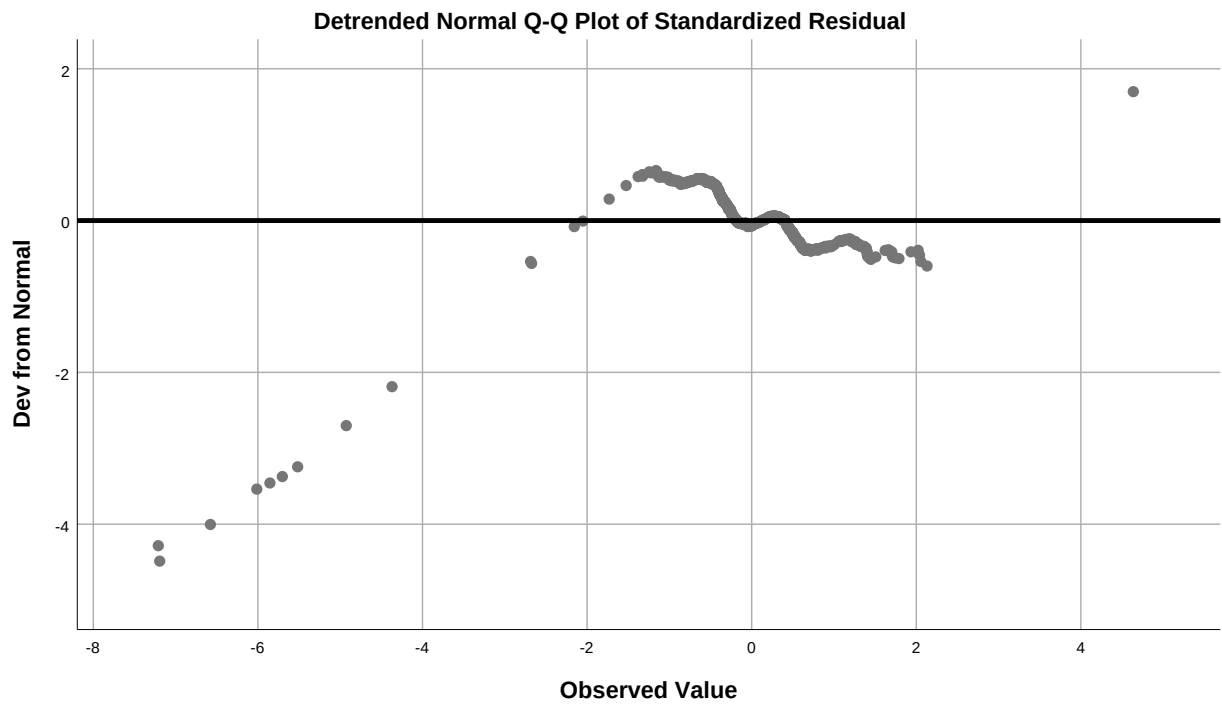
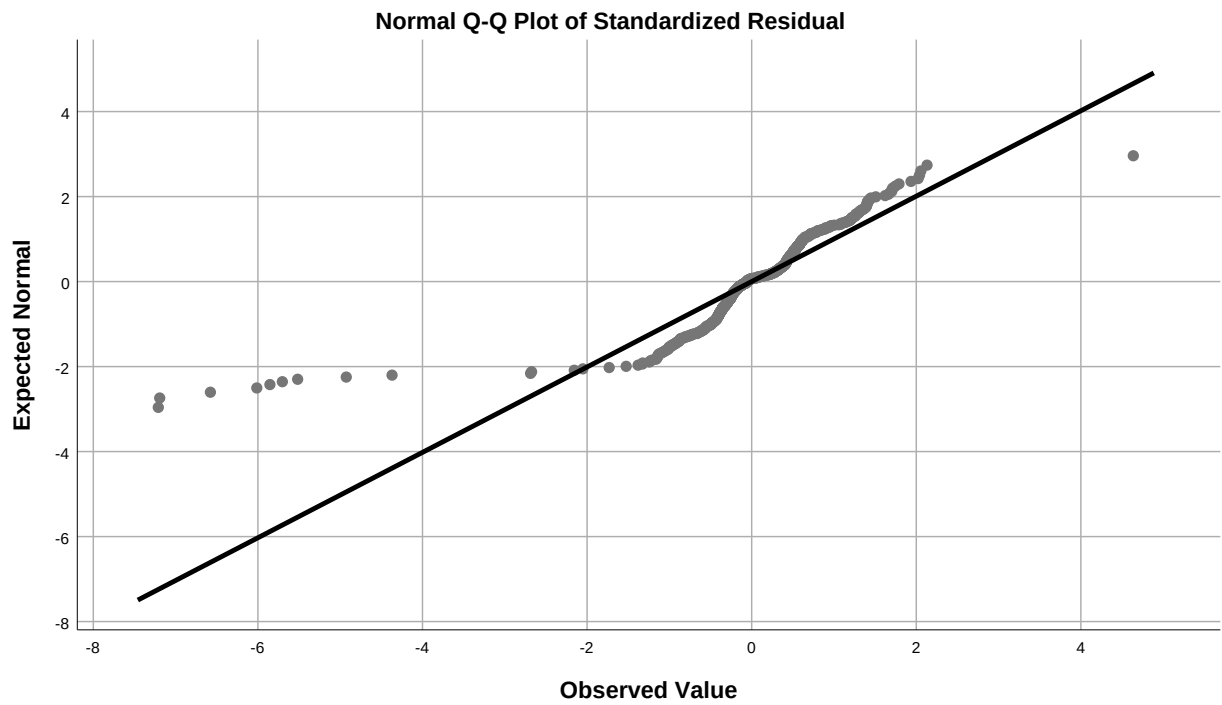


Regression Coefficients
Saved values and residual diagnostics

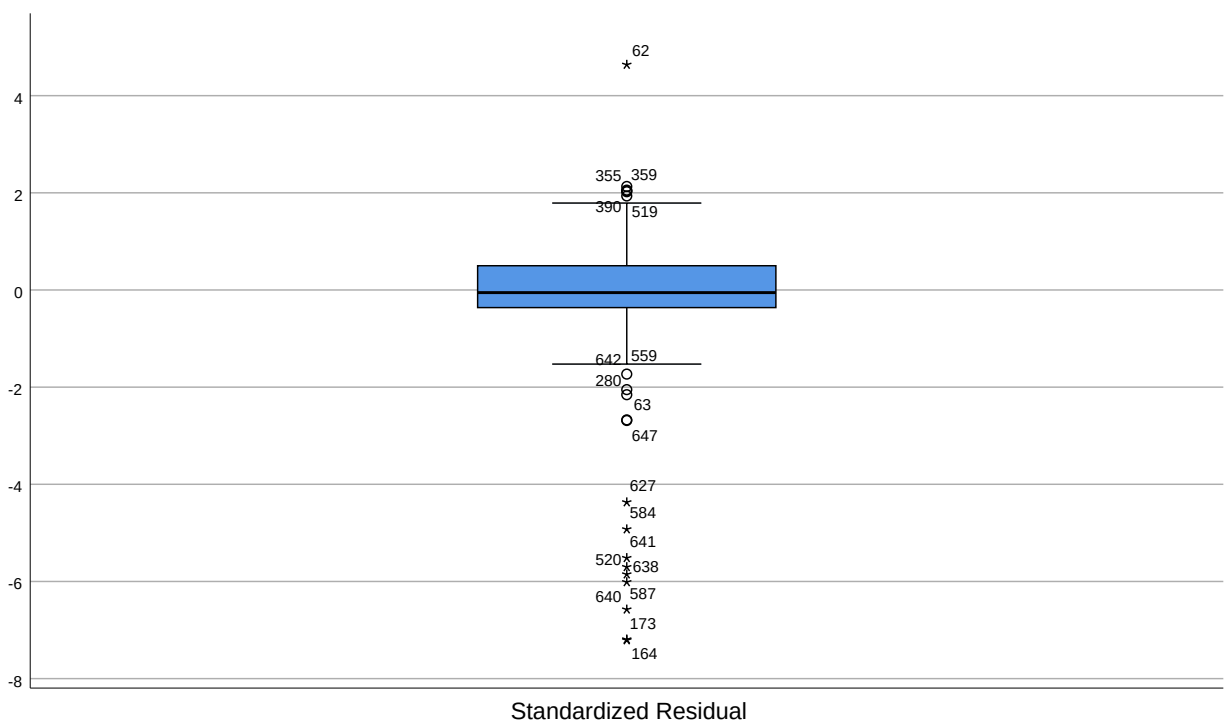
Standardized Residual



Regression Coefficients
Saved values and residual diagnostics



Regression Coefficients
Saved values and residual diagnostics



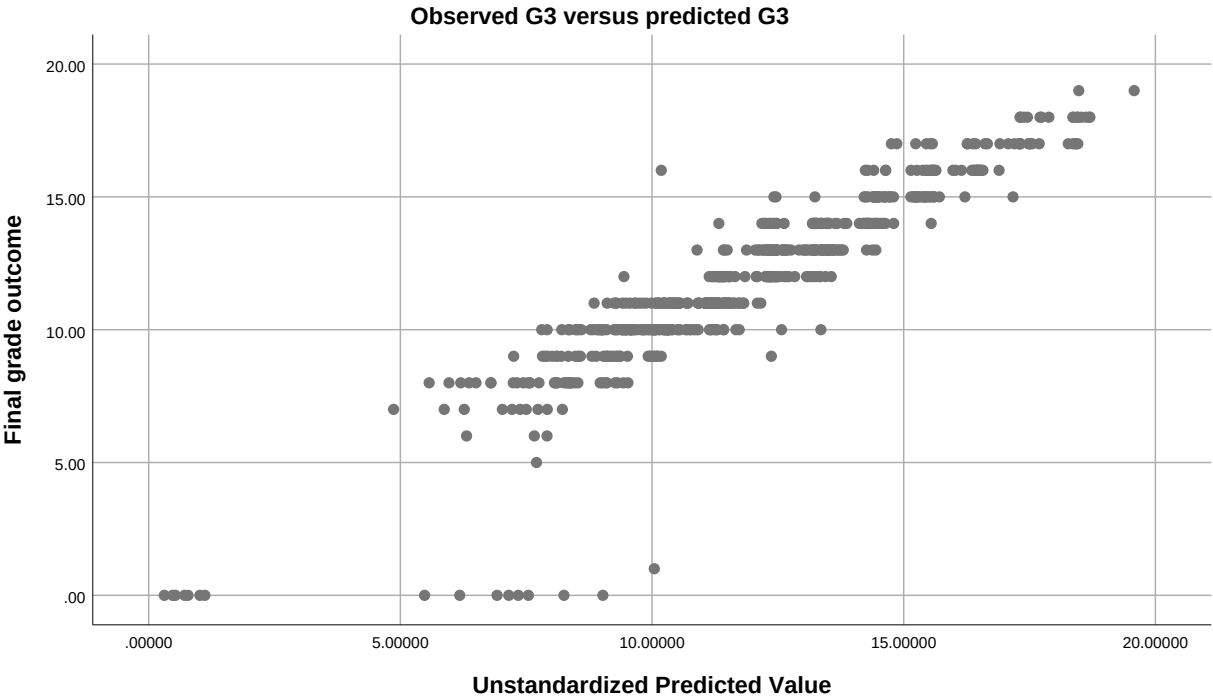
Graph

Regression Coefficients
Saved values and residual diagnostics

Notes

Output Created		12-JUL-2026 12:21:23
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output \sav\regression_coefficient s_analysis_data.sav
	Active Dataset	RegressionCoefficientsDat a
	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	00:00:00.27
	Elapsed Time	00:00:00.25

Regression Coefficients
Saved values and residual diagnostics



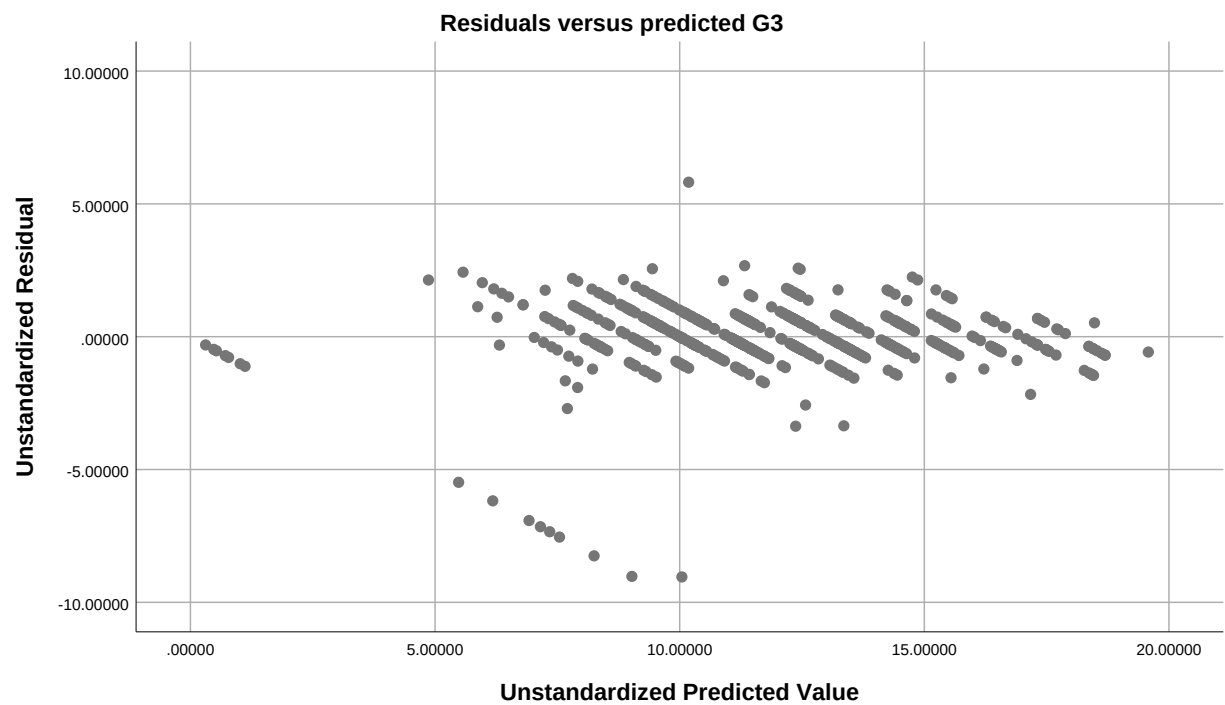
Graph

Regression Coefficients
Saved values and residual diagnostics

Notes

Output Created		12-JUL-2026 12:21:23
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output \sav\regression_coefficient s_analysis_data.sav
	Active Dataset	RegressionCoefficientsDat a
	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	00:00:00.23
	Elapsed Time	00:00:00.22

Regression Coefficients
Saved values and residual diagnostics



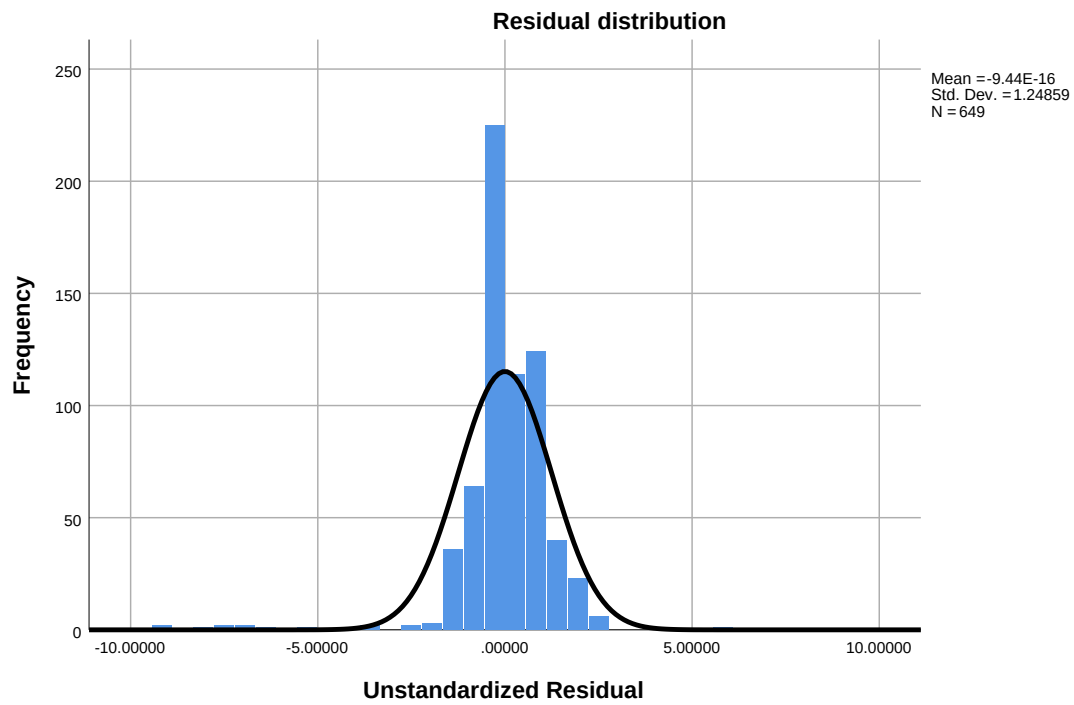
Graph

Regression Coefficients
Saved values and residual diagnostics

Notes

Output Created		12-JUL-2026 12:21:23
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output \sav\regression_coefficient s_analysis_data.sav
	Active Dataset	RegressionCoefficientsDat a
	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	00:00:00.23
	Elapsed Time	00:00:00.26

Regression Coefficients
Saved values and residual diagnostics



Graph

Regression Coefficients
Saved values and residual diagnostics

Notes

Output Created		12-JUL-2026 12:21:24
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Coefficients\SPSS_Output \sav\regression_coefficient s_analysis_data.sav
	Active Dataset	RegressionCoefficientsDat a
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Syntax		GRAPH /SCATTERPLOT(BIVAR) =G2 WITH G3 /TITLE='Final grade by second-period grade'.
Resources	Processor Time	00:00:00.33
	Elapsed Time	00:00:00.25

Regression Coefficients
Saved values and residual diagnostics

