

Host

Notes

Output Created		12-JUL-2026 11:40:50
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression ANOVA Table\SPSS_Output\sav\regression_anova_table_analysis_data_with_predictions.sav
	Active Dataset	RegressionANOVATableData
	Filter	<none>
	Weight	<none>
	Split File	<none>
	Syntax	HOST COMMAND=["if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output""].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.07

Host

Notes

Output Created		12-JUL-2026 11:40:50
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression ANOVA Table\SPSS_Output\sav\regression_anova_table_analysis_data_with_predictions.sav
	Active Dataset	RegressionANOVATableData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=["if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\sav" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\sav""].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.05

Host

Notes

Output Created		12-JUL-2026 11:40:51
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression ANOVA Table\SPSS_Output\sav\regression_anova_table_analysis_data_with_predictions.sav
	Active Dataset	RegressionANOVATableData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=["if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\spv" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\spv""].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.06

Host

Notes

Output Created		12-JUL-2026 11:40:51
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression ANOVA Table\SPSS_Output\sav\regression_anova_table_analysis_data_with_predictions.sav
	Active Dataset	RegressionANOVATableData
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=["if not exist "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\pdf" mkdir "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\pdf""].
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.07

Host

Notes

Output Created		12-JUL-2026 11:40:51
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression ANOVA Table\SPSS_Output\sav\r egression_anova_table_a nalysis_data_with_predicti ons.sav
	Active Dataset	RegressionANOVATableD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['del /Q "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav*.sav" 2>nul'].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.10

Host

Notes

Output Created		12-JUL-2026 11:40:51
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression ANOVA Table\SPSS_Output\sav\r egression_anova_table_a nalysis_data_with_predicti ons.sav
	Active Dataset	RegressionANOVATableD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['del /Q "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\spv*.spv" 2>nul'].
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.07

Host

Notes

Output Created		12-JUL-2026 11:40:51
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression ANOVA Table\SPSS_Output\sav\r egression_anova_table_a nalysis_data_with_predicti ons.sav
	Active Dataset	RegressionANOVATableD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		HOST COMMAND=['del /Q "D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\pdf*.pdf" 2>nul']. .
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.14

Regression Assumptions

Regression Assumptions
Import dataset.csv

Regression Assumptions

Regression Assumptions
Descriptive statistics and correlations

Descriptives

Notes

Output Created		12-JUL-2026 11:40:52
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\sav\regression_assumptions_analysis_data.sav
	Active Dataset	RegressionAssumptionsData
	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 SKEWNESS KURTOSIS.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.05

[RegressionAssumptionsData] D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Output\sav\regression_assumptions_analysis_data.sav

Regression Assumptions
Descriptive statistics and correlations

Descriptive Statistics

	N Statistic	Minimum Statistic	Maximum Statistic	Mean Statistic	Std. Deviation Statistic	Skewness Statistic
Final grade outcome	649	.00	19.00	11.9060	3.23066	-.913
First period grade predictor	649	.00	19.00	11.3991	2.74527	-.003
Second period grade predictor	649	.00	19.00	11.5701	2.91364	-.360
Weekly study time predictor	649	1.00	4.00	1.9307	.82951	.700
Past class failures predictor	649	.00	3.00	.2219	.59324	3.093
School absences predictor	649	.00	32.00	3.6595	4.64076	2.021
Student age predictor	649	15.00	22.00	16.7442	1.21814	.417
Valid N (listwise)	649					

Descriptive Statistics

	Skewness	Kurtosis	
	Std. Error	Statistic	Std. Error
Final grade outcome	.096	2.712	.192
First period grade predictor	.096	.037	.192
Second period grade predictor	.096	1.662	.192
Weekly study time predictor	.096	.038	.192
Past class failures predictor	.096	9.824	.192
School absences predictor	.096	5.781	.192
Student age predictor	.096	.072	.192
Valid N (listwise)			

Correlations

Regression Assumptions
Descriptive statistics and correlations

Notes

Output Created		12-JUL-2026 11:40:52
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	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.
Syntax		CORRELATIONS /VARIABLES=G3 G1 G2 studytime failures absences age /PRINT=TWOTAIL SIG /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.10

Regression Assumptions
Descriptive statistics and correlations

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 predictor	Pearson Correlation	.250	.261	.240
	Sig. (2-tailed)	.000	.000	.000
	N	649	649	649
Past class failures predictor	Pearson Correlation	-.393	-.384	-.386
	Sig. (2-tailed)	.000	.000	.000
	N	649	649	649
School absences predictor	Pearson Correlation	-.091	-.147	-.125
	Sig. (2-tailed)	.020	.000	.001
	N	649	649	649
Student age predictor	Pearson Correlation	-.107	-.174	-.107
	Sig. (2-tailed)	.007	.000	.006
	N	649	649	649

Regression Assumptions
Descriptive statistics and correlations

Correlations

		Weekly study time predictor	Past class failures predictor	School absences predictor
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 predictor	Pearson Correlation	1	-.147	-.118
	Sig. (2-tailed)		.000	.003
	N	649	649	649
Past class failures predictor	Pearson Correlation	-.147	1	.123
	Sig. (2-tailed)	.000		.002
	N	649	649	649
School absences predictor	Pearson Correlation	-.118	.123	1
	Sig. (2-tailed)	.003	.002	
	N	649	649	649
Student age predictor	Pearson Correlation	-.008	.320	.150
	Sig. (2-tailed)	.831	.000	.000
	N	649	649	649

Regression Assumptions
Descriptive statistics and correlations

Correlations

		Student age predictor
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 predictor	Pearson Correlation	-.008
	Sig. (2-tailed)	.831
	N	649
Past class failures predictor	Pearson Correlation	.320
	Sig. (2-tailed)	.000
	N	649
School absences predictor	Pearson Correlation	.150
	Sig. (2-tailed)	.000
	N	649
Student age predictor	Pearson Correlation	1
	Sig. (2-tailed)	
	N	649

Regression Assumptions

Regression Assumptions
Primary OLS model with assumption and influence diagnostics

Regression

Notes

Output Created		12-JUL-2026 11:40:52
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	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 Assumptions

Primary OLS model with assumption and influence diagnostics

Notes

Syntax	REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA CHANGE CI(95) COLLIN TOL DW /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT G3 /METHOD=ENTER G1 G2 studytime failures absences age /CASEWISE PLOT (ZRESID) OUTLIERS(3) /SAVE PRED mdl_pred RESID mdl_resid ZPRED mdl_zpred ZRESID mdl_zresid SRESID mdl_sresid COOK mdl_cook LEVER...
Resources	Processor Time 00:00:00.00
	Elapsed Time 00:00:00.01

Warnings

Invalid keyword on a REGRESSION subcommand. Text found:
DW.

Execution of this command stops.

WARNING REGRESSION syntax scan continues. Further
diagnostics from this command may be misleading - interpret
with care.

Regression Assumptions

Regression Assumptions
Residual normality and outlier diagnostics

Explore

Notes

Output Created		12-JUL-2026 11:40:52
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
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=mdl_resid mdl_zresid mdl_sresid /PLOT BOXPLOT HISTOGRAM NPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES EXTREME /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

Regression Assumptions
Residual normality and outlier diagnostics

Warnings

Text: mdl_resid Command: EXAMINE

An undefined variable name, or a scratch or system variable was specified in a variable list which accepts only standard variables. Check spelling and verify the existence of this variable.

Execution of this command stops.

No dependent variables were specified. EXAMINE requires a set of dependent variables for analysis. Check your EXAMINE command.

Regression Assumptions

Regression Assumptions

Linearity and homoscedasticity plots

Graph

Notes

Output Created		12-JUL-2026 11:40:52
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		GRAPH /SCATTERPLOT(BIVAR) =mdl_zpred WITH mdl_zresid /MISSING=LISTWISE.
Resources	Processor Time	00:00:00.09
	Elapsed Time	00:00:00.23

```
>Error # 701 in column 23. Text: mdl_zpred
>An undefined variable name, or a scratch or system variable was specified in a
>variable list which accepts only standard variables. Check spelling and
>verify the existence of this variable.
>Execution of this command stops.
```

Graph

Regression Assumptions Linearity and homoscedasticity plots

Notes

Output Created		12-JUL-2026 11:40:53
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		GRAPH /SCATTERPLOT(BIVAR) =mdl_pred WITH G3 /MISSING=LISTWISE.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.14

```
>Error # 701 in column 23. Text: mdl_pred
>An undefined variable name, or a scratch or system variable was specified in
a
>variable list which accepts only standard variables. Check spelling and
>verify the existence of this variable.
>Execution of this command stops.
```

Graph

Regression Assumptions Linearity and homoscedasticity plots

Notes

Output Created		12-JUL-2026 11:40:54
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		GRAPH /HISTOGRAM(NORMAL) =mdl_resid.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.08

```
>Error # 701 in column 22.  Text: mdl_resid
>An undefined variable name, or a scratch or system variable was specified in
a
>variable list which accepts only standard variables.  Check spelling and
>verify the existence of this variable.
>Execution of this command stops.
```

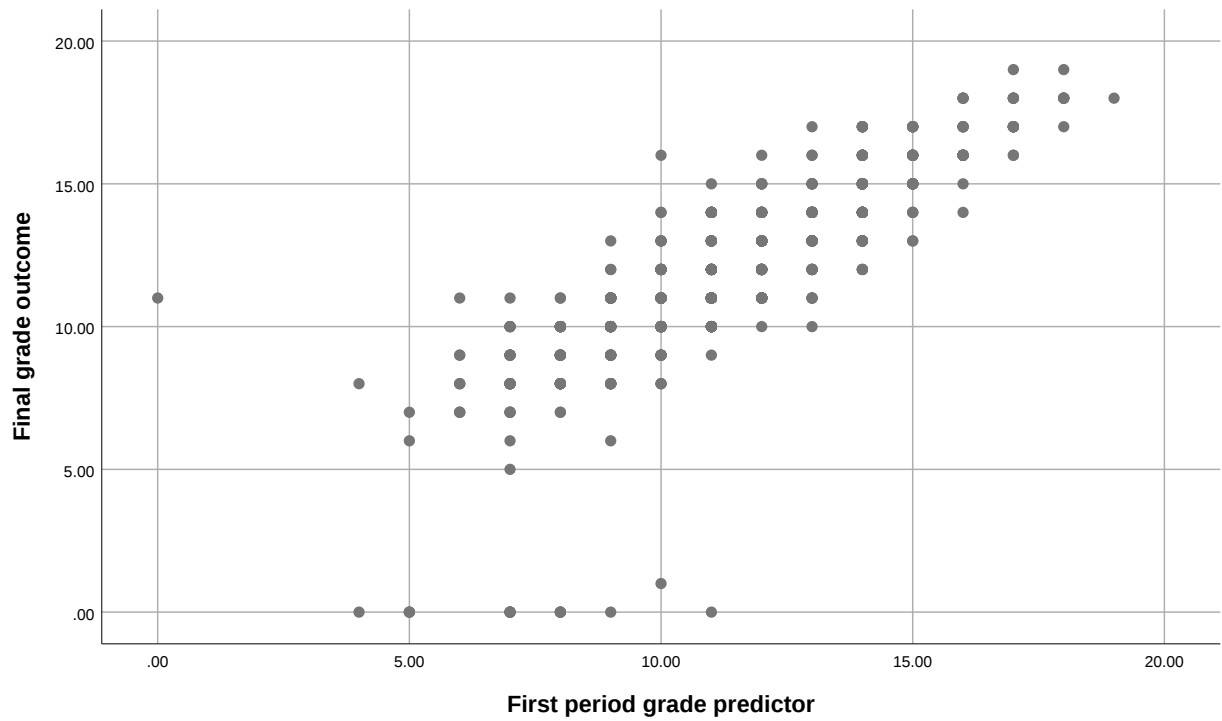
Graph

Regression Assumptions
Linearity and homoscedasticity plots

Notes

Output Created		12-JUL-2026 11:40:54
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Syntax		GRAPH /SCATTERPLOT(BIVAR) =G1 WITH G3 /MISSING=LISTWISE.
Resources	Processor Time	00:00:00.69
	Elapsed Time	00:00:01.08

Regression Assumptions
Linearity and homoscedasticity plots



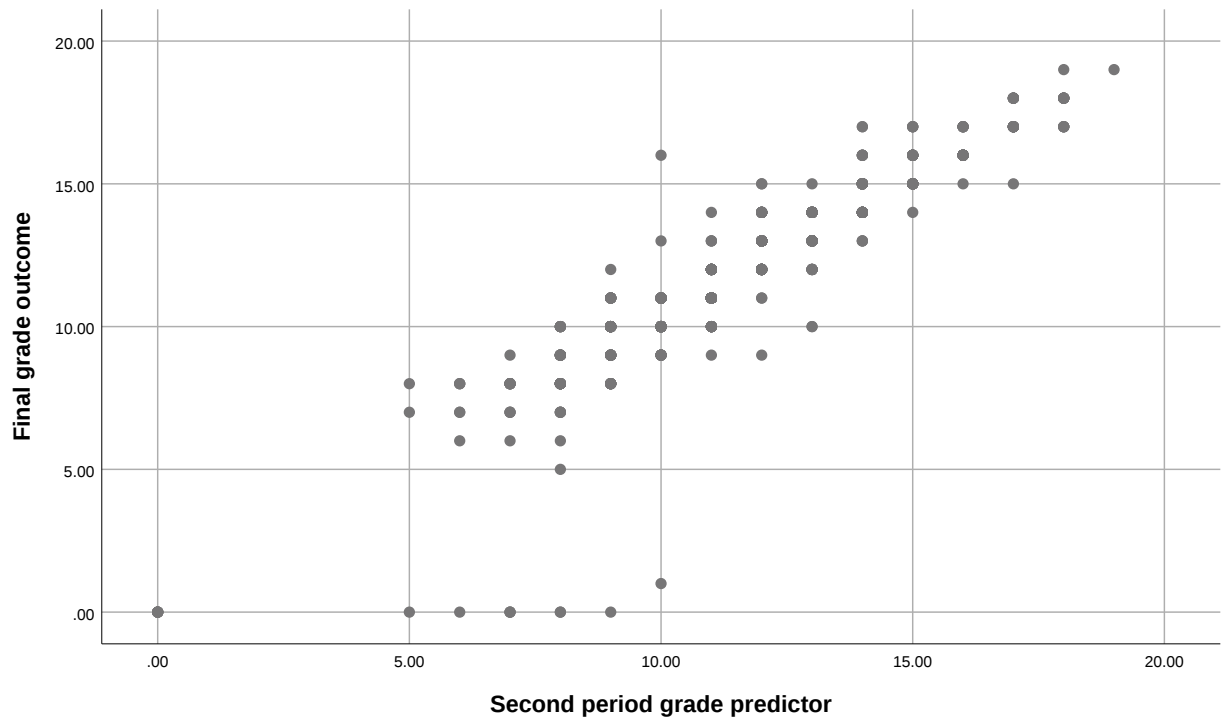
Graph

Regression Assumptions
Linearity and homoscedasticity plots

Notes

Output Created		12-JUL-2026 11:40:55
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	649
Syntax		GRAPH /SCATTERPLOT(BIVAR) =G2 WITH G3 /MISSING=LISTWISE.
Resources	Processor Time	00:00:00.47
	Elapsed Time	00:00:00.47

Regression Assumptions
Linearity and homoscedasticity plots



Regression Assumptions

>Warning # 2004. Command name: SUBTITLE

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

Regression Assumptions

Breusch-Pagan-style auxiliary regression of squared residual

```

>Error # 4285 in column 22.  Text: mdl_resid
>Incorrect variable name: either the name is more than 64 characters, or it is
>not defined by a previous command.
>Execution of this command stops.

>Warning # 4461 in column 17.  Text: mdl_resid_sq
>An unknown variable name was specified on the VAR LABELS command.  The name
>and the label will be ignored.

>Error # 4820 in column 9.  Text: mdl_resid_sq
>A variable named on the FORMATS, PRINT FORMATS, or WRITE FORMATS command has
>not yet been defined.
>Execution of this command stops.

```

Regression

Notes

Output Created		12-JUL-2026 11:40:55
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
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 Assumptions

Breusch-Pagan-style auxiliary regression of squared residual

Notes

Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF R ANOVA CI(95) /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT mdl_resid_sq /METHOD=ENTER G1 G2 studytime failures absences age.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.00

Warnings

Text: mdl_resid_sq Command: REGRESSION
An undefined variable name, or a scratch or system variable was specified in a variable list which accepts only standard variables. Check spelling and verify the existence of this variable.
Execution of this command stops.

Regression Assumptions

Regression Assumptions
Influence thresholds and flagged cases

>Error # 4285 in column 36. Text: mdl_sresid
>Incorrect variable name: either the name is more than 64 characters, or it is
>not defined by a previous command.
>Execution of this command stops.

>Error # 4285 in column 29. Text: mdl_leverage
>Incorrect variable name: either the name is more than 64 characters, or it is
>not defined by a previous command.
>Execution of this command stops.

>Error # 4285 in column 26. Text: mdl_cook
>Incorrect variable name: either the name is more than 64 characters, or it is
>not defined by a previous command.
>Execution of this command stops.

>Error # 4285 in column 32. Text: residual_outlier_flag
>Incorrect variable name: either the name is more than 64 characters, or it is
>not defined by a previous command.
>Execution of this command stops.

>Warning # 4461 in column 3. Text: residual_outlier_flag
>An unknown variable name was specified on the VAR LABELS command. The name
>and the label will be ignored.

>Warning # 4461 in column 3. Text: high_leverage_flag
>An unknown variable name was specified on the VAR LABELS command. The name
>and the label will be ignored.

>Warning # 4461 in column 3. Text: high_cooks_flag
>An unknown variable name was specified on the VAR LABELS command. The name
>and the label will be ignored.

>Warning # 4461 in column 3. Text: any_influence_flag
>An unknown variable name was specified on the VAR LABELS command. The name
>and the label will be ignored.

>Warning # 4474. Command name: VALUE LABELS
>The (ADD) VALUE LABELS command specifies an unknown variable name. The name
>will be ignored.

Regression Assumptions

Influence thresholds and flagged cases

>The error is associated with 'residual_outlier_flag'

>Warning # 4474. Command name: VALUE LABELS

>The (ADD) VALUE LABELS command specifies an unknown variable name. The name
>will be ignored.

>The error is associated with 'high_leverage_flag'

>Warning # 4474. Command name: VALUE LABELS

>The (ADD) VALUE LABELS command specifies an unknown variable name. The name
>will be ignored.

>The error is associated with 'high_cooks_flag'

>Warning # 4474. Command name: VALUE LABELS

>The (ADD) VALUE LABELS command specifies an unknown variable name. The name
>will be ignored.

>The error is associated with 'any_influence_flag'

>Error # 4820 in column 38. Text: mdl_leverage

>A variable named on the FORMATS, PRINT FORMATS, or WRITE FORMATS command has
>not yet been defined.

>Execution of this command stops.

Frequencies

Regression Assumptions
Influence thresholds and flagged cases

Notes

Output Created		12-JUL-2026 11:40:56
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	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=residual_outl ier_flag high_leverage_flag high_cooks_flag any_influence_flag /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

Regression Assumptions

Influence thresholds and flagged cases

Warnings

Text: residual_outlier_flag Command: FREQUENCIES

An undefined variable name, or a scratch or system variable was specified in a variable list which accepts only standard variables. Check spelling and verify the existence of this variable.

Execution of this command stops.

Text: high_leverage_flag Command: FREQUENCIES

An undefined variable name, or a scratch or system variable was specified in a variable list which accepts only standard variables. Check spelling and verify the existence of this variable.

Text: high_cooks_flag Command: FREQUENCIES

An undefined variable name, or a scratch or system variable was specified in a variable list which accepts only standard variables. Check spelling and verify the existence of this variable.

Text: any_influence_flag Command: FREQUENCIES

An undefined variable name, or a scratch or system variable was specified in a variable list which accepts only standard variables. Check spelling and verify the existence of this variable.

Descriptives

Regression Assumptions

Influence thresholds and flagged cases

Notes

Output Created		12-JUL-2026 11:40:56
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		DESCRIPTIVES VARIABLES=mdl_sresid mdl_leverage mdl_cook /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

Warnings

Text: mdl_sresid Command: DESCRIPTIVES
An undefined variable name, or a scratch or system variable
was specified in a variable list which accepts only standard
variables. Check spelling and verify the existence of this
variable.
Execution of this command stops.

No Variables subcommand.

Graph

Regression Assumptions Influence thresholds and flagged cases

Notes

Output Created		12-JUL-2026 11:40:56
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		GRAPH /SCATTERPLOT(BIVAR) =case_number WITH mdl_cook /MISSING=LISTWISE.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.04

```
>Error # 701 in column 40. Text: mdl_cook
>An undefined variable name, or a scratch or system variable was specified in a
>variable list which accepts only standard variables. Check spelling and
>verify the existence of this variable.
>Execution of this command stops.
```

Graph

Regression Assumptions Influence thresholds and flagged cases

Notes

Output Created		12-JUL-2026 11:40:56
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		GRAPH /SCATTERPLOT(BIVAR) =mdl_leverage WITH mdl_sresid /MISSING=LISTWISE.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.01

```
>Error # 701 in column 23. Text: mdl_leverage
>An undefined variable name, or a scratch or system variable was specified in a
>variable list which accepts only standard variables. Check spelling and
>verify the existence of this variable.
>Execution of this command stops.

>Error # 701 in column 15. Text: mdl_cook
>An undefined variable name, or a scratch or system variable was specified in a
>variable list which accepts only standard variables. Check spelling and
>verify the existence of this variable.
>Execution of this command stops.
```

List

Regression Assumptions Influence thresholds and flagged cases

Notes

Output Created		12-JUL-2026 11:40:56
Comments		
Input	Data	D:\DATA ANALYSIS\H Regression Tests and Models\Regression Assumptions\SPSS_Outp ut\sav\regression_assump tions_analysis_data.sav
	Active Dataset	RegressionAssumptionsD ata
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		LIST VARIABLES=case_numbe r G3 mdl_pred mdl_resid mdl_sresid mdl_leverage mdl_cook /CASES=FROM 1 TO ...
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.00

>Error # 701 in column 31. Text: mdl_pred
>An undefined variable name, or a scratch or system variable was specified in a
>variable list which accepts only standard variables. Check spelling and
>verify the existence of this variable.
>Execution of this command stops.

>Error # 13003 in column 40. Text: mdl_resid
>An unrecognized subcommand has been encountered. Valid subcommands are:
>VARIABLES, CASES, and FORMAT.