Results

Linear Regression

Model Fit Measures

			Overall Model Test			
Model	**R**	**R^2**	**F**	**df1**	**df2**	**p**
1	0.24830	0.06165	25.97468	3	1186	< .00001

Model Coefficients - log_VAR

Predictor	**Estimate**	**SE**	**t**	**p**
Intercept	-1.43852	0.04353	-33.05006	< .00001
EPS	-0.00398	0.00066	-6.07604	< .00001
SPS	-0.00092	0.00075	-1.22090	0.22237
GPS	0.00109	0.00058	1.88414	0.05979

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	**DW Statistic**	**p**
-0.02379	2.04744	0.44000

[3]

Collinearity Statistics

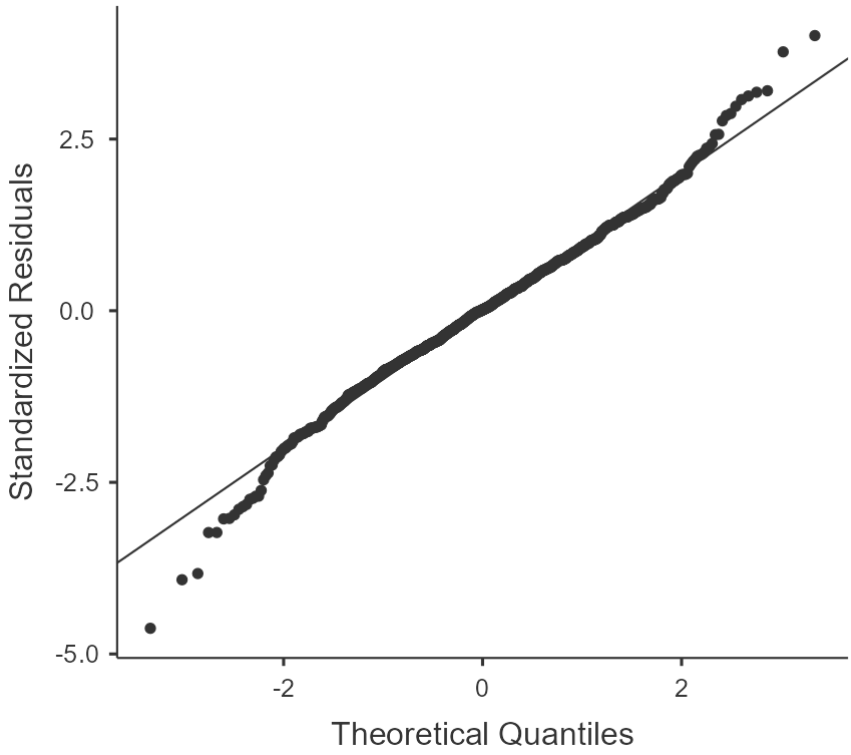
	VIF	**Tolerance**
EPS	1.81683	0.55041
SPS	1.83582	0.54472
GPS	1.17491	0.85113

[3]

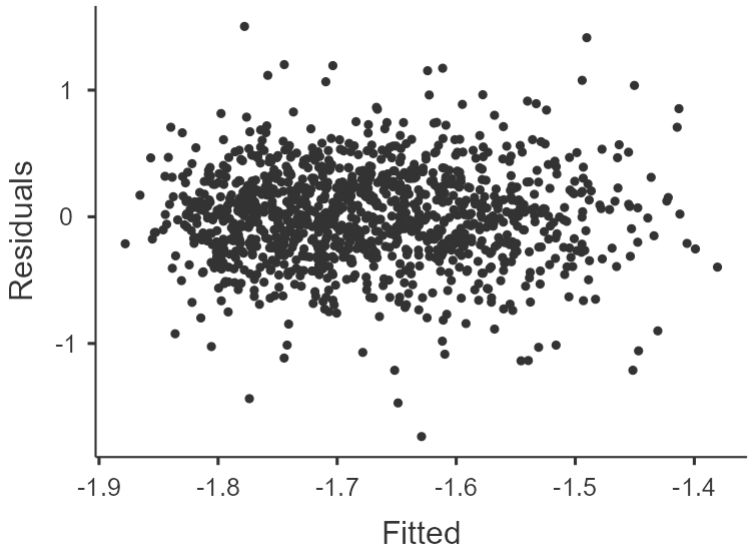
Normality Test (Shapiro-Wilk)

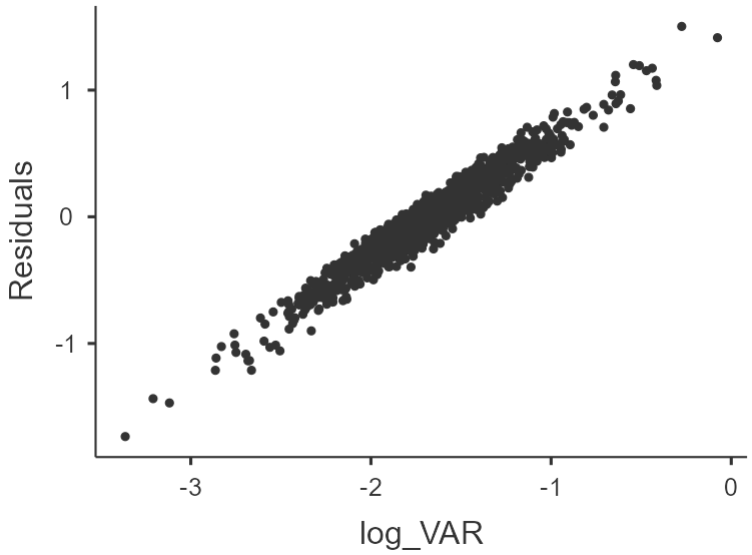
Statistic	**p**
0.99001	< .00001

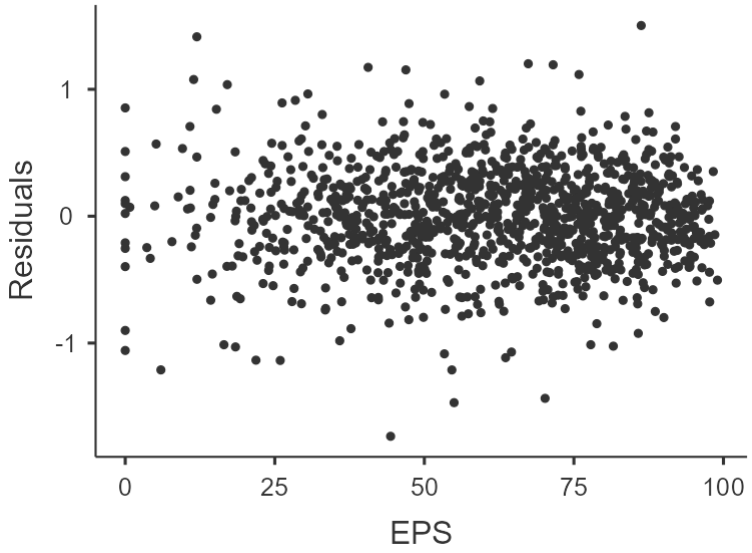
Q-Q Plot

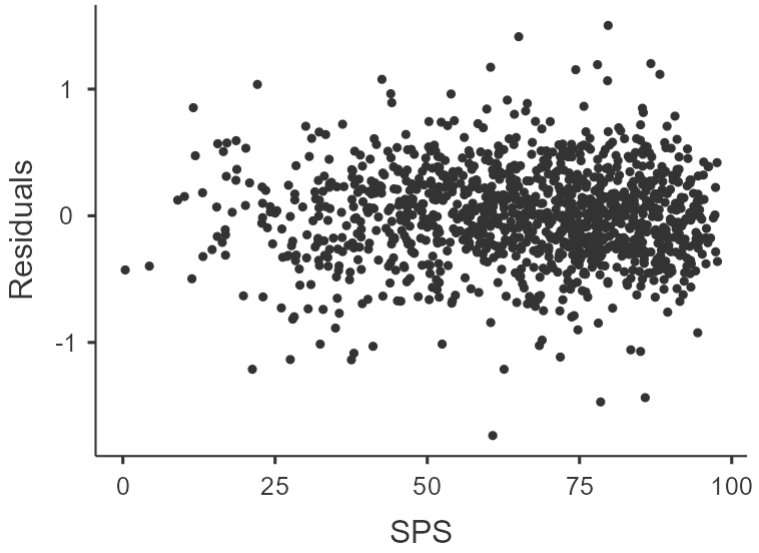


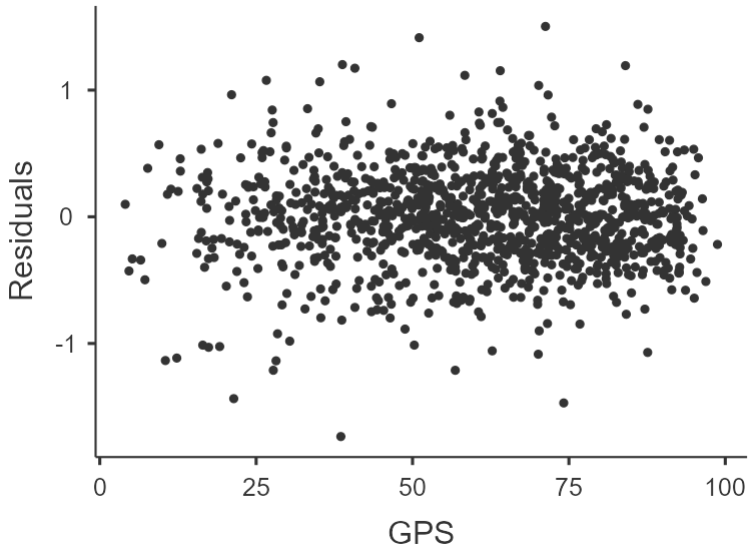
Residuals Plots




Residuals
1
0
-1
-3
-2
-1
0
log_VAR


Residuals
1
0
-1
0
25
50
75
100
EPS


Residuals
1
0
-1
0
25
50
75
100
SPS



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[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from https://www.jamovi.org.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from https://cran.r-project.org. (R packages retrieved from MRAN snapshot 2022-01-01).

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