Results

Linear Regression

Model Fit Measures

			Overall Model Test			
Model	**R**	**R^2**	**F**	**df1**	**df2**	**p**
1	0.08352	0.00697	2.77916	3	1187	0.03999

Model Coefficients - log_VAR

Predictor	**Estimate**	**SE**	**t**	**p**
Intercept	-1.13001	0.03988	-28.33863	< .00001
EPS	-0.00134	0.00061	-2.20959	0.02732
SPS	-0.00002	0.00072	-0.02246	0.98209
GPS	0.00081	0.00056	1.45684	0.14542

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	**DW Statistic**	**p**
0.02698	1.94557	0.35400

[3]

Collinearity Statistics

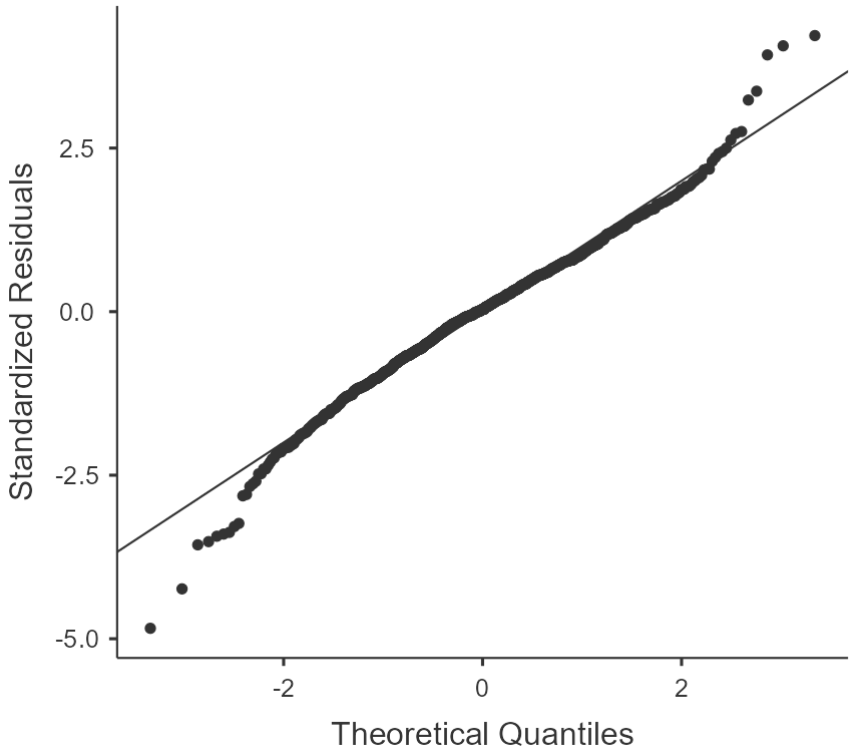
	VIF	**Tolerance**
EPS	1.89387	0.52802
SPS	1.94621	0.51382
GPS	1.21179	0.82523

[3]

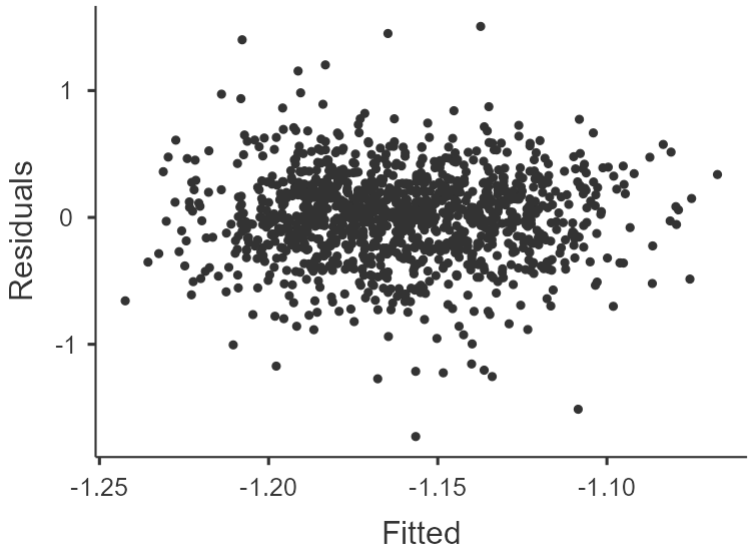
Normality Test (Shapiro-Wilk)

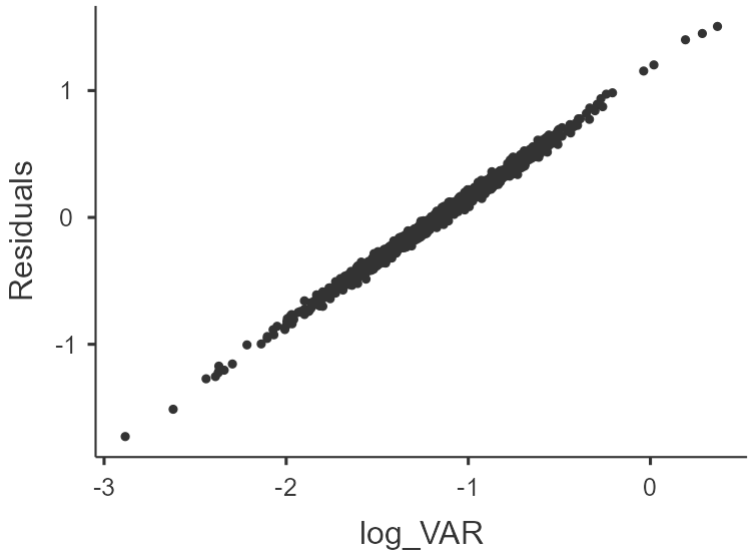
Statistic	**p**
0.98471	< .00001

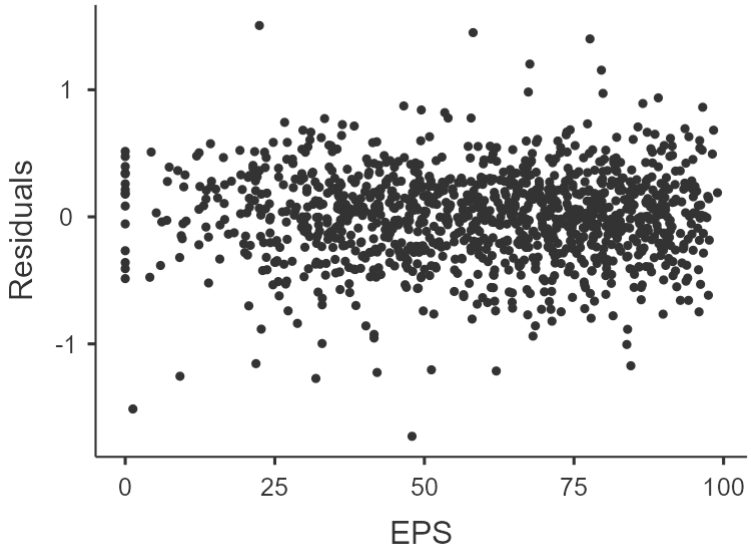
Q-Q Plot

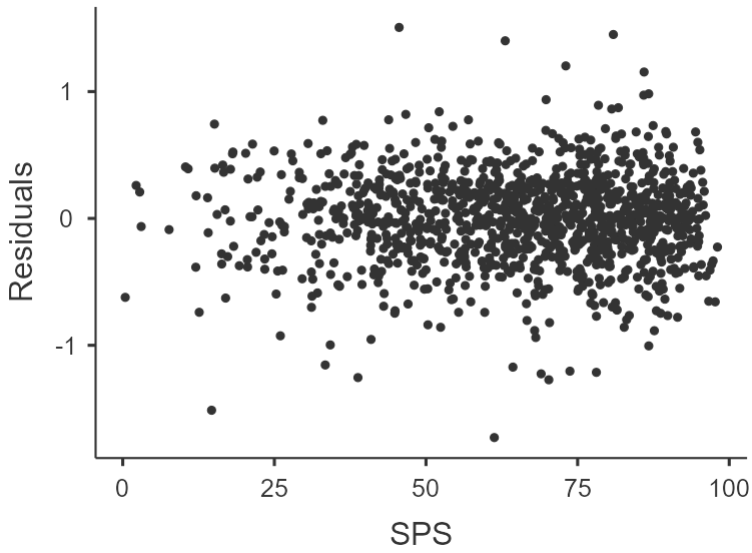


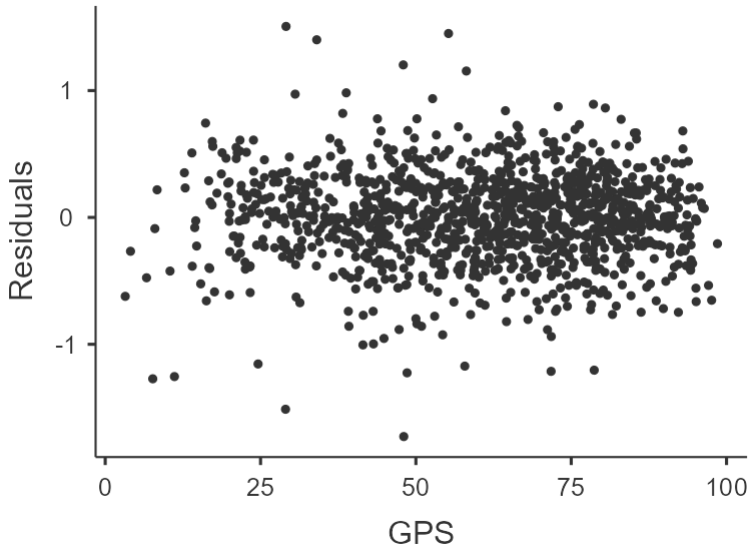
Residuals Plots




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).

[3] Fox, J., & Weisberg, S. (2020). *car: Companion to Applied Regression*. [R package]. Retrieved from https://cran.r-project.org/package=car.