

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.25625	0.06566	27.87767	3	1190	< .00001

Model Coefficients - log_VAR

Predictor	Estimate	SE	t	p
Intercept	-1.20686	0.04492	-26.86402	< .00001
EPS	-0.00408	0.00067	-6.06341	< .00001
SPS	-0.00071	0.00078	-0.90796	0.36408
GPS	-0.00015	0.00060	-0.25806	0.79640

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.03437	1.93021	0.21200

[3]

Collinearity Statistics

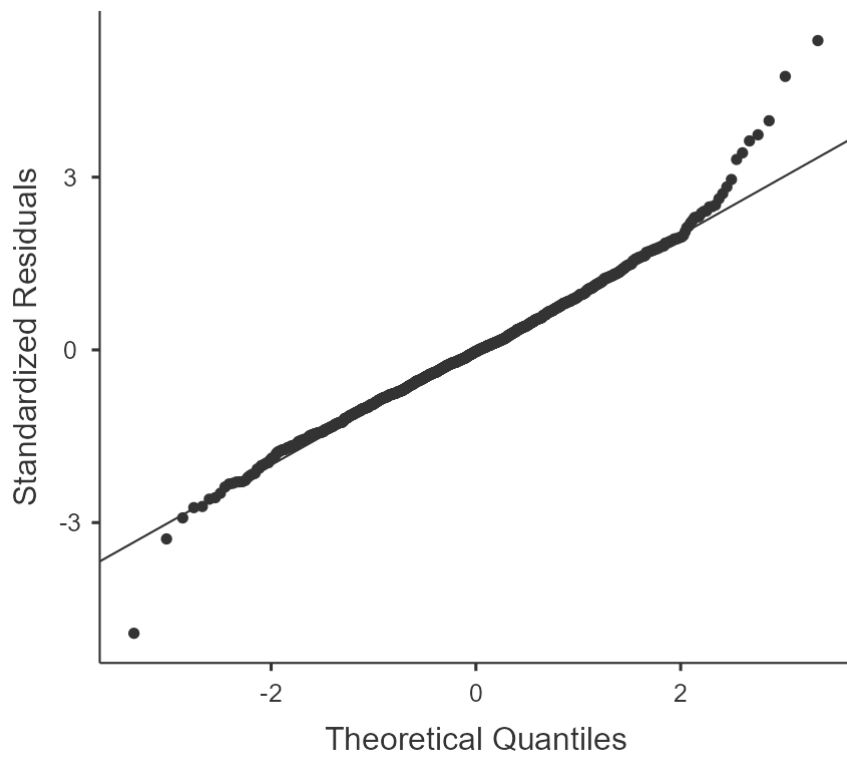
	VIF	Tolerance
EPS	1.81869	0.54985
SPS	1.84972	0.54062
GPS	1.17173	0.85344

[3]

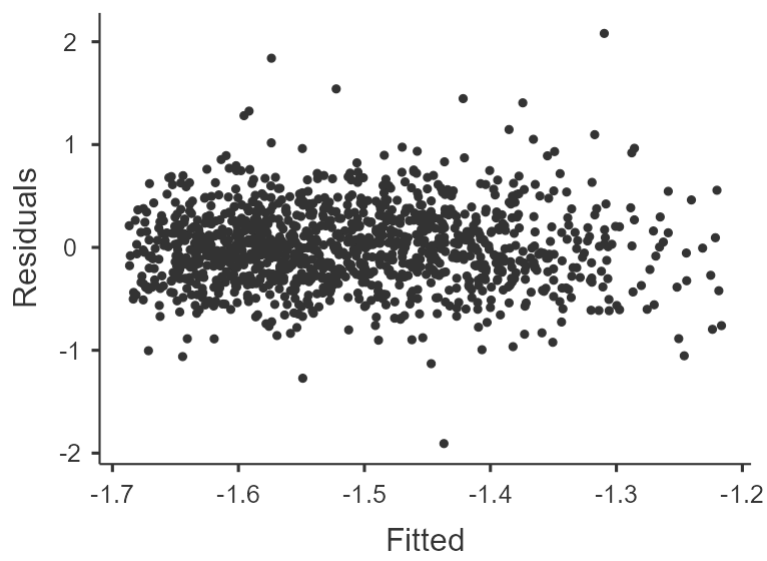
Normality Test (Shapiro-Wilk)

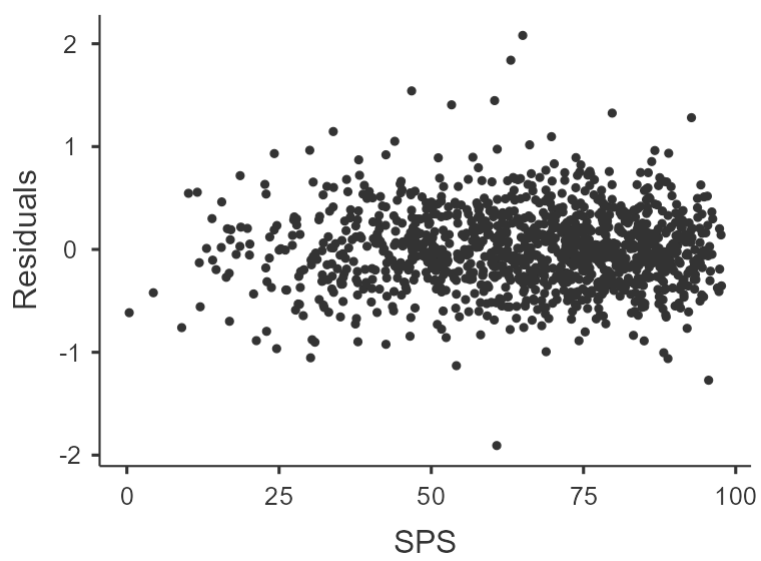
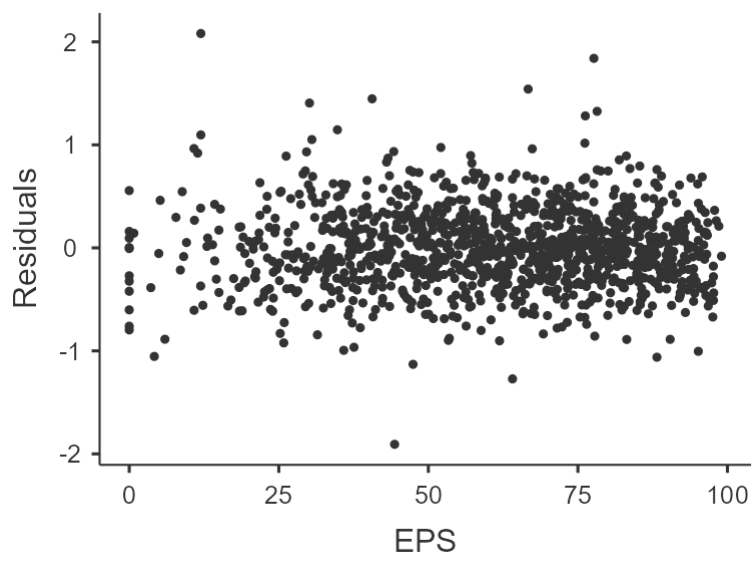
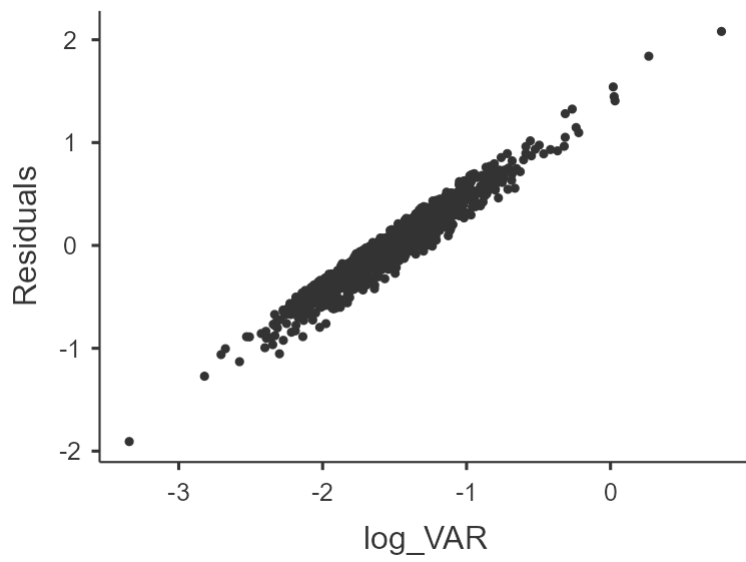
Statistic	p
0.98529	< .00001

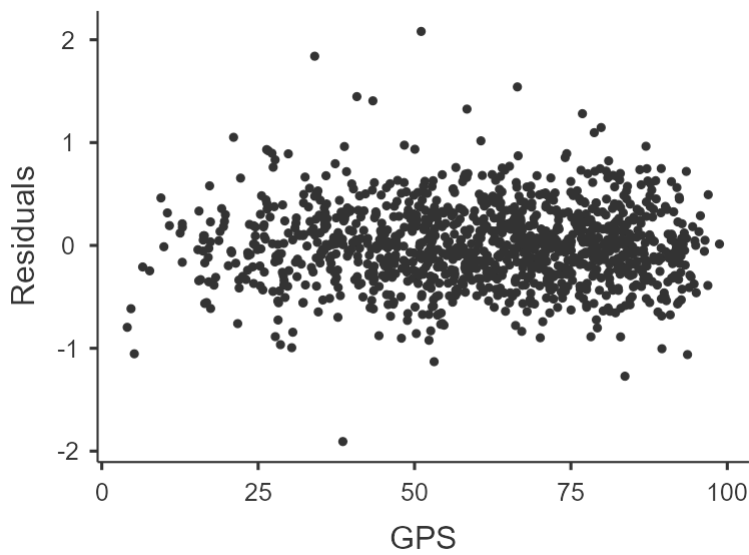
Q-Q Plot



Residuals Plots







References

- [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>.