

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.17717	0.03139	12.82173	3	1187	< .00001

Model Coefficients - log_VAR

Predictor	Estimate	SE	t	p
Intercept	-1.45114	0.03766	-38.53641	< .00001
EPS	-0.00207	0.00059	-3.52671	0.00044
SPS	-0.00101	0.00070	-1.43931	0.15033
GPS	0.00044	0.00054	0.80928	0.41852

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.00157	2.00136	0.99600

[3]

Collinearity Statistics

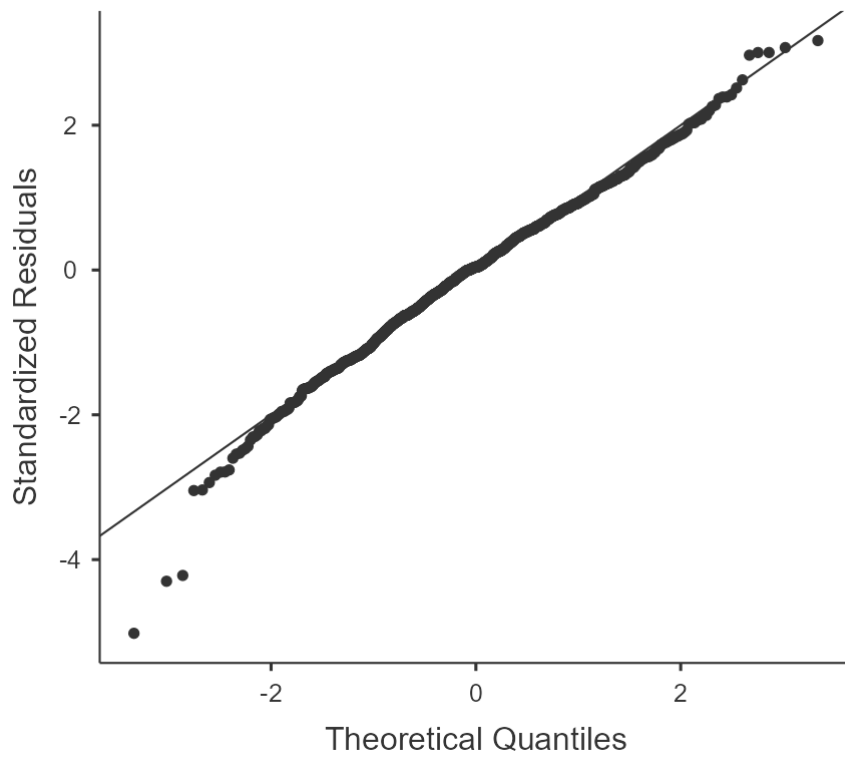
	VIF	Tolerance
EPS	1.96466	0.50899
SPS	2.00687	0.49829
GPS	1.22643	0.81538

[3]

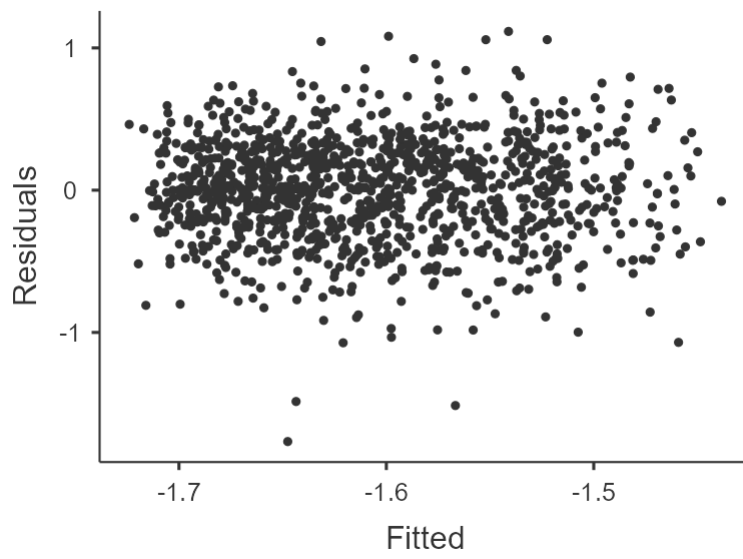
Normality Test (Shapiro-Wilk)

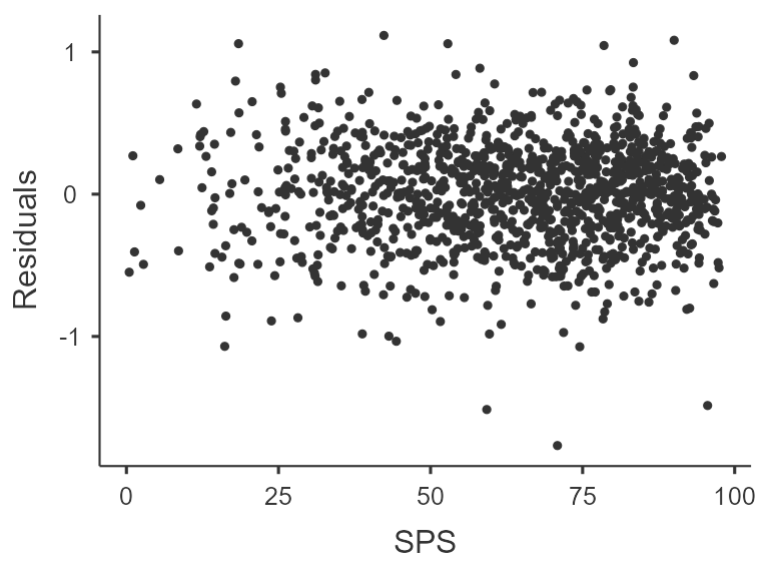
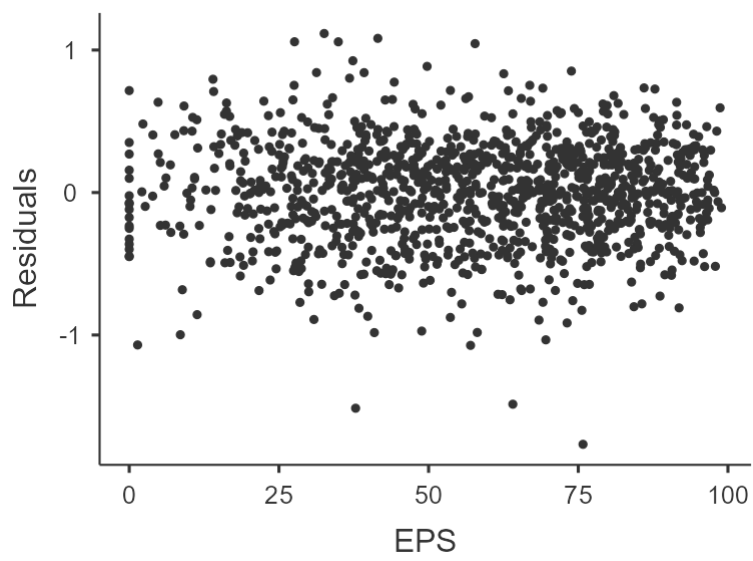
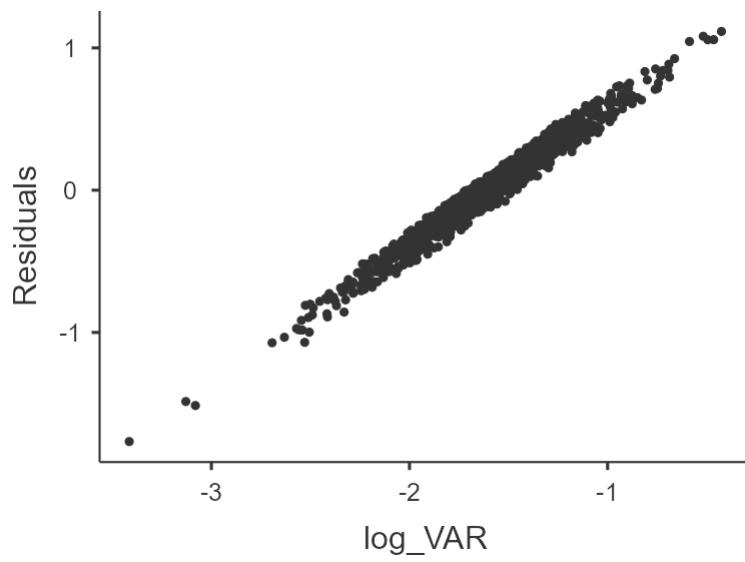
Statistic	p
0.99074	< .00001

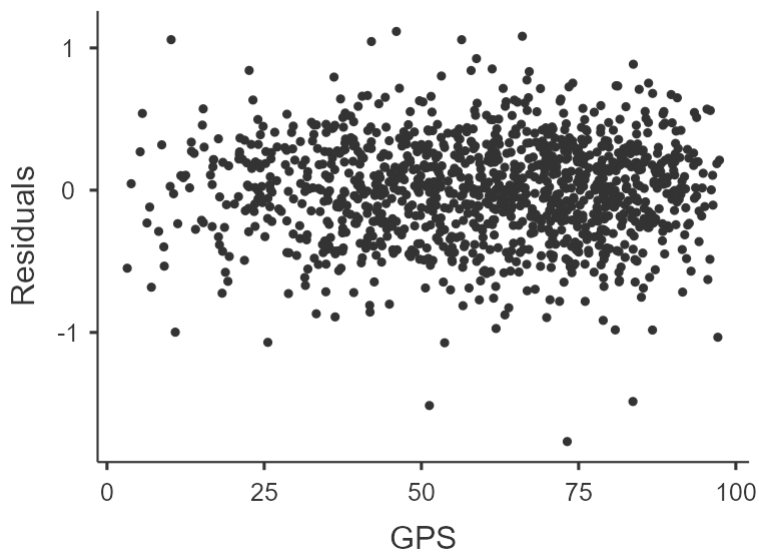
Q-Q Plot



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>.