

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.23367	0.05460	22.85136	3	1187	< .00001

Model Coefficients - log_VAR

Predictor	Estimate	SE	t	p
Intercept	-1.34191	0.04245	-31.61339	< .00001
EPS	-0.00332	0.00065	-5.07509	< .00001
SPS	-0.00064	0.00077	-0.82964	0.40691
GPS	-0.00049	0.00060	-0.81828	0.41336

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.00006	2.00009	1.00000

[3]

Collinearity Statistics

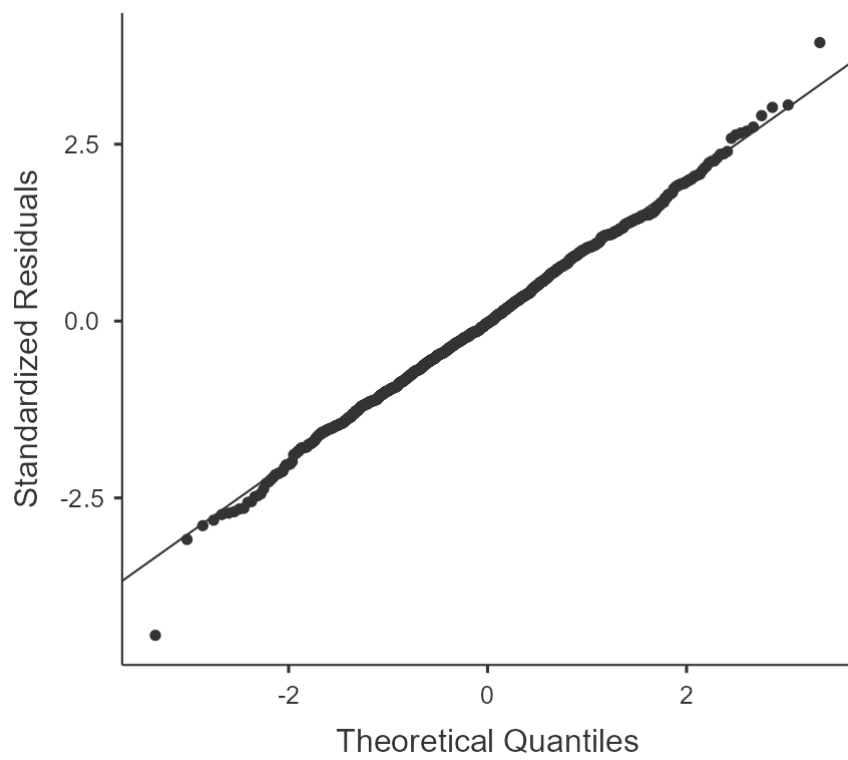
	VIF	Tolerance
EPS	1.92204	0.52028
SPS	1.96948	0.50775
GPS	1.22422	0.81685

[3]

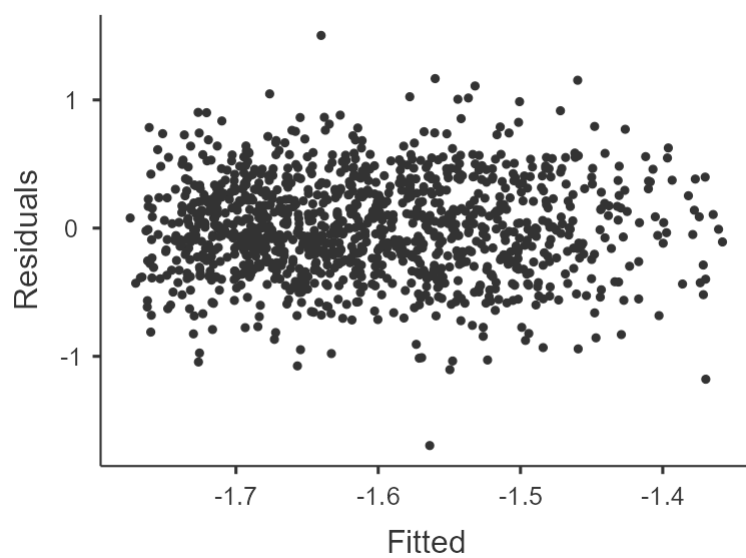
Normality Test (Shapiro-Wilk)

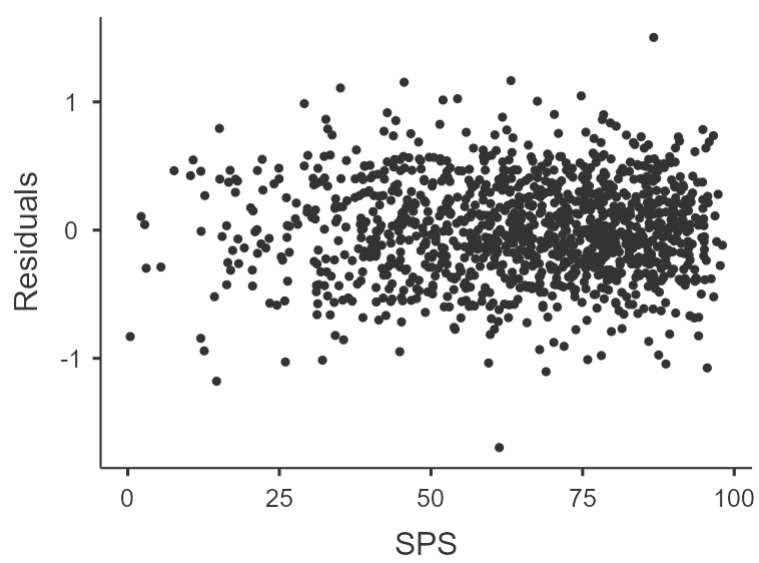
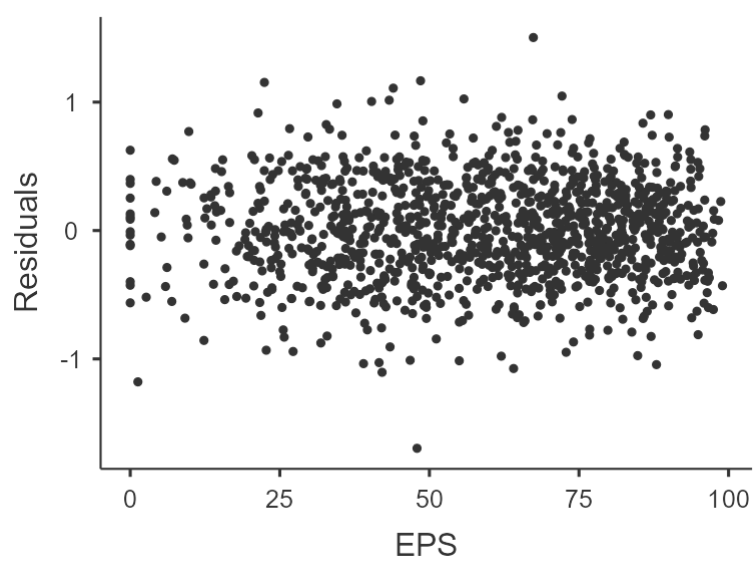
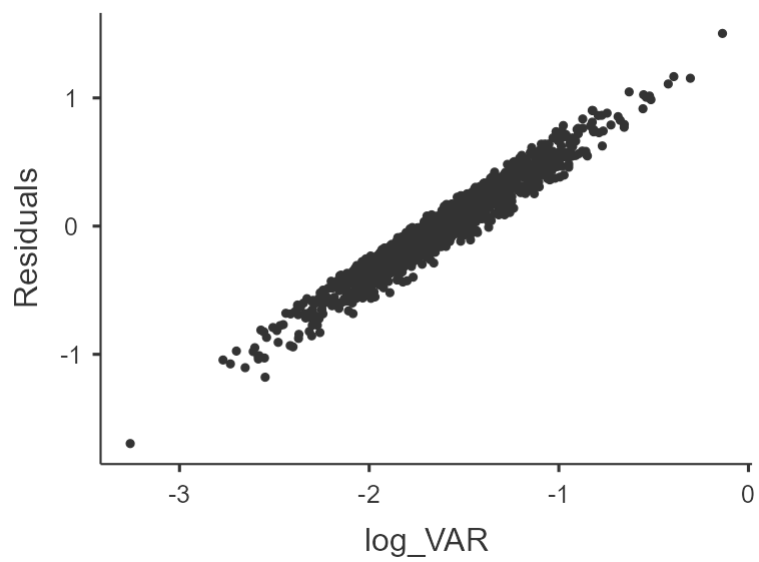
Statistic	p
0.99786	0.12558

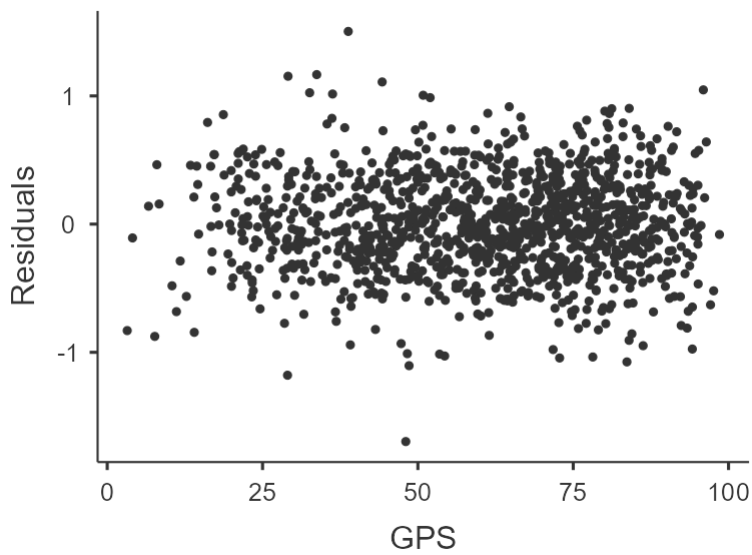
Q-Q Plot



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>.