

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.21213	0.04500	18.69121	3	1190	< .00001

Model Coefficients - log_VAR

Predictor	Estimate	SE	t	p
Intercept	-1.53865	0.03828	-40.19578	< .00001
EPS	-0.00341	0.00067	-5.08857	< .00001
SPS	-0.00012	0.00081	-0.15164	0.87950
GPS	0.00018	0.00063	0.27879	0.78045

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.00845	1.98101	0.77800

[3]

Collinearity Statistics

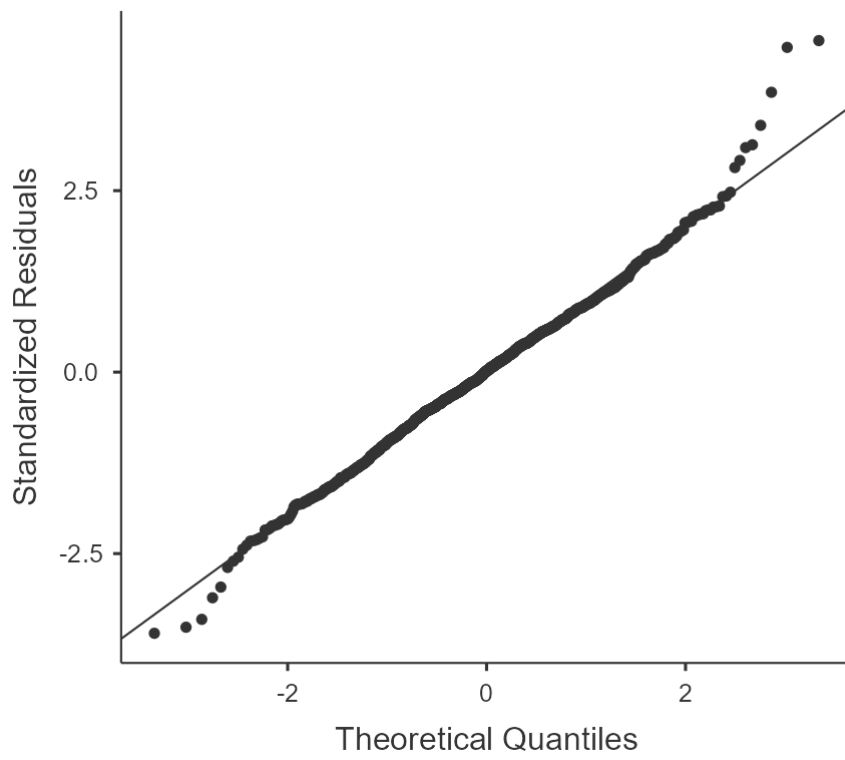
	VIF	Tolerance
EPS	2.15270	0.46453
SPS	2.16746	0.46137
GPS	1.31461	0.76068

[3]

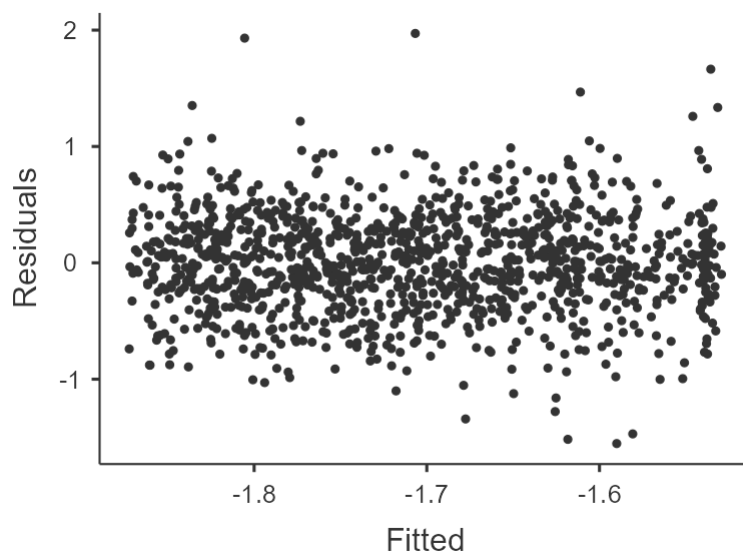
Normality Test (Shapiro-Wilk)

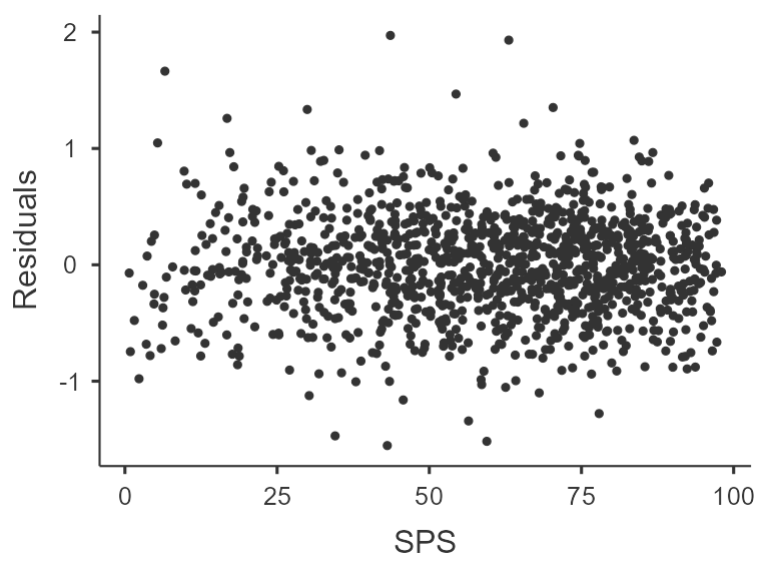
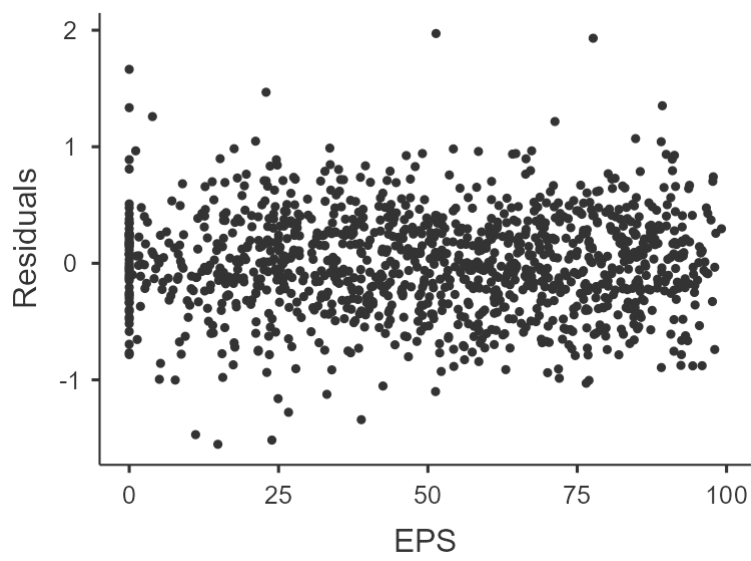
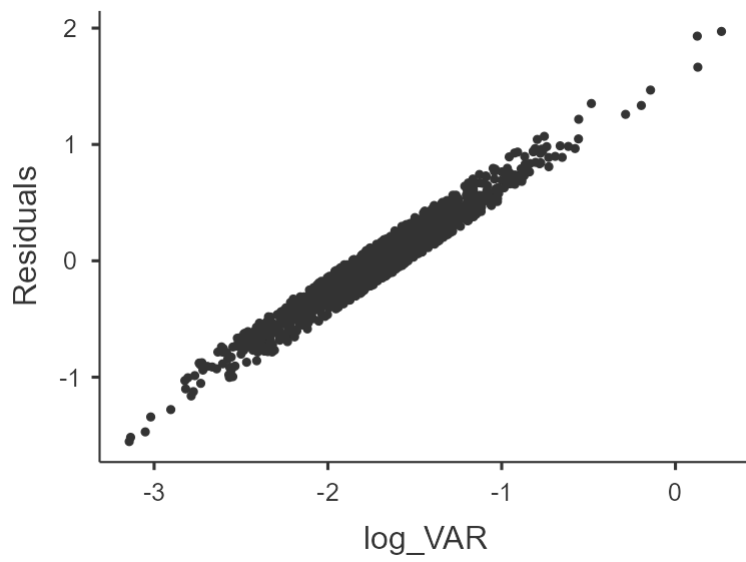
Statistic	p
0.99320	0.00003

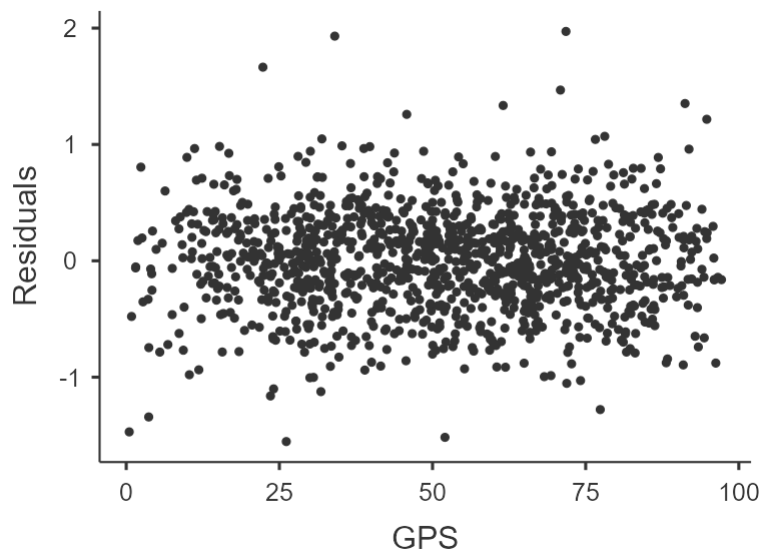
Q-Q Plot



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>.