

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.19270	0.03713	15.28425	3	1189	< .00001

Model Coefficients - log_VAR

Predictor	Estimate	SE	t	p
Intercept	-1.49985	0.03580	-41.89227	< .00001
EPS	-0.00276	0.00063	-4.39997	0.00001
SPS	-0.00012	0.00076	-0.15882	0.87384
GPS	-0.00015	0.00059	-0.24695	0.80499

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.04295	1.91296	0.15800

[3]

Collinearity Statistics

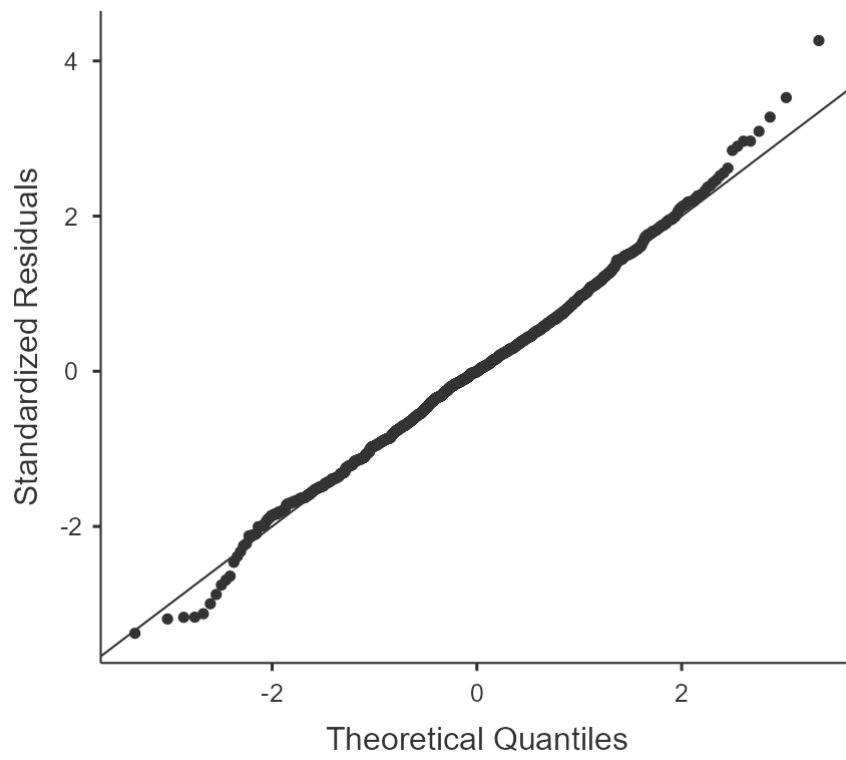
	VIF	Tolerance
EPS	2.16035	0.46289
SPS	2.16986	0.46086
GPS	1.31543	0.76021

[3]

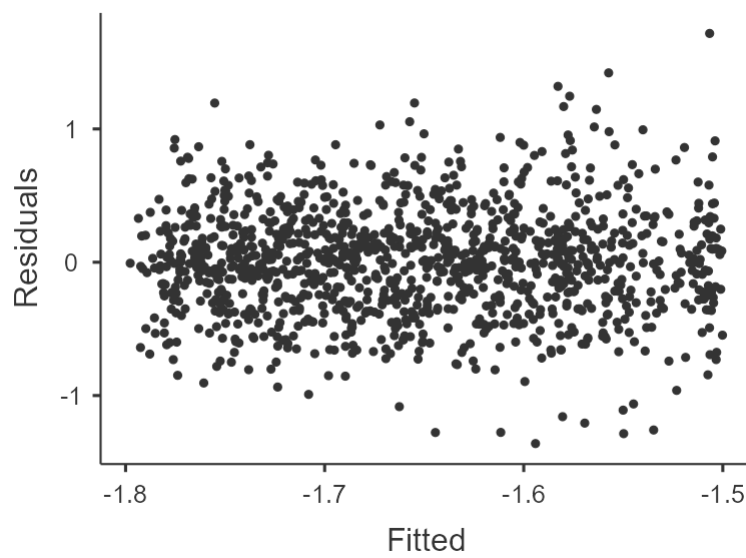
Normality Test (Shapiro-Wilk)

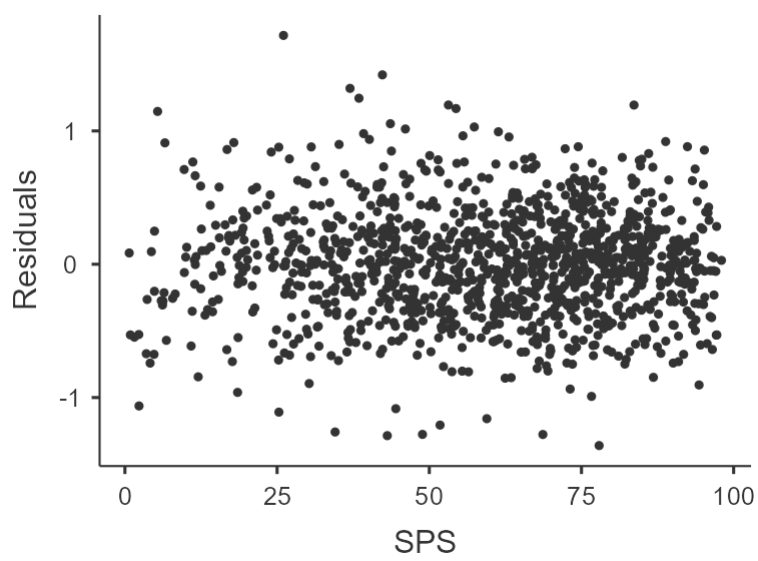
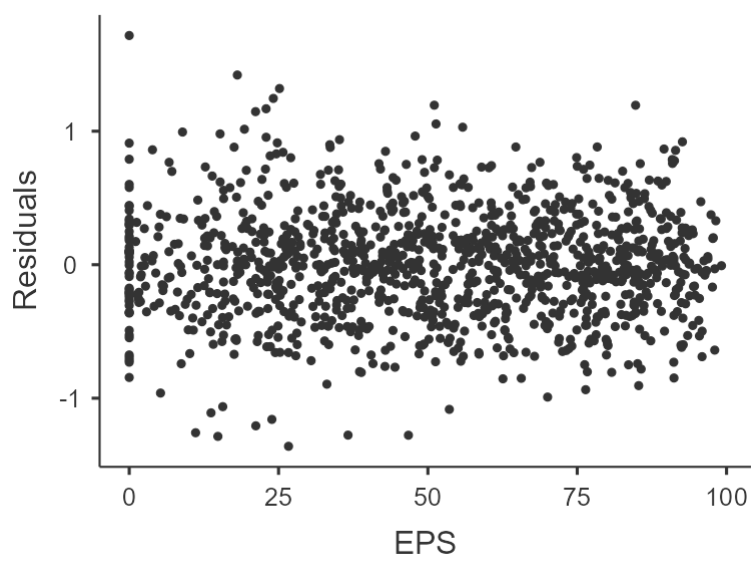
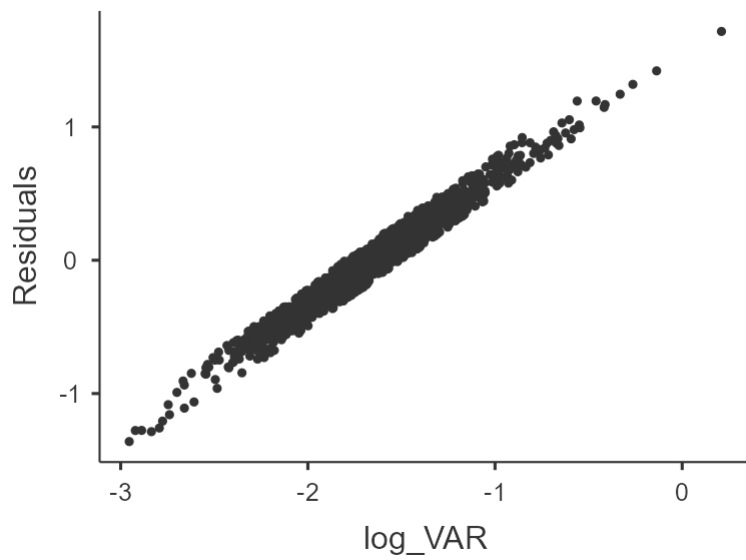
Statistic	p
0.99536	0.00104

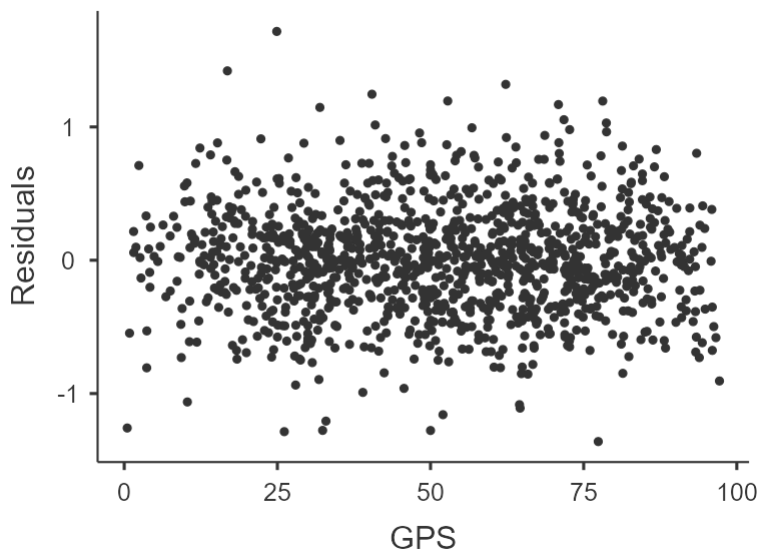
Q-Q Plot



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>.