

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.23784	0.05657	23.74402	3	1188	< .00001

Model Coefficients - VOL

Predictor	Estimate	SE	t	p
Intercept	0.18081	0.00654	27.65808	< .00001
EPS	-0.00068	0.00011	-5.97550	< .00001
SPS	-0.00000	0.00014	-0.01943	0.98450
GPS	0.00008	0.00011	0.74223	0.45809

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.00373	1.99139	0.89000

[3]

Collinearity Statistics

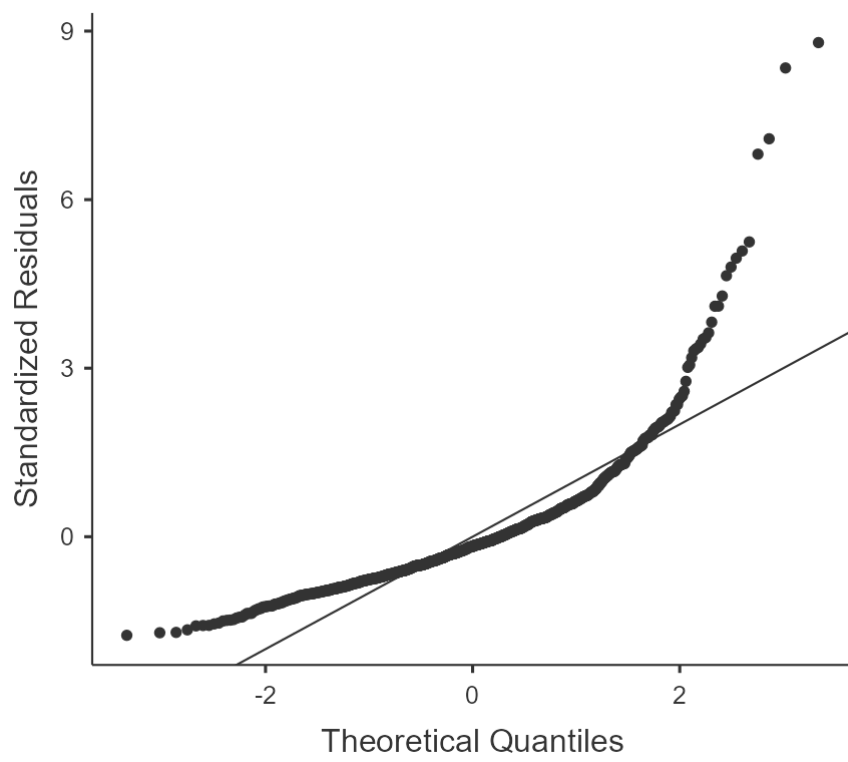
	VIF	Tolerance
EPS	2.15416	0.46422
SPS	2.16845	0.46116
GPS	1.31688	0.75937

[3]

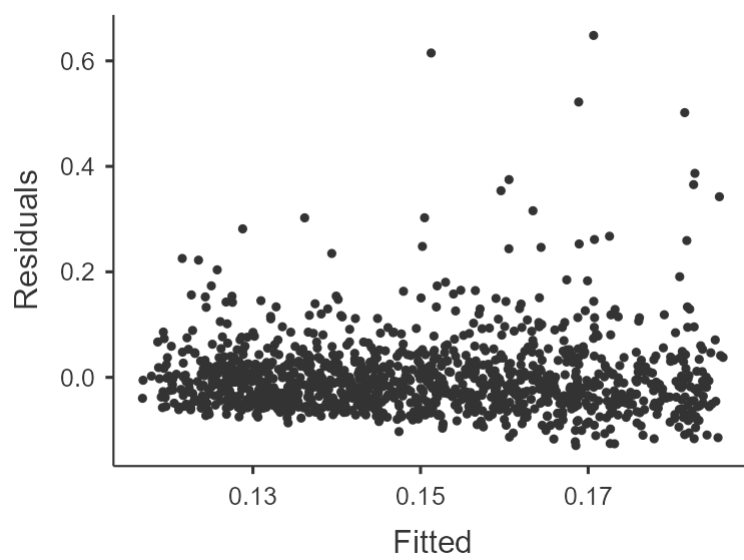
Normality Test (Shapiro-Wilk)

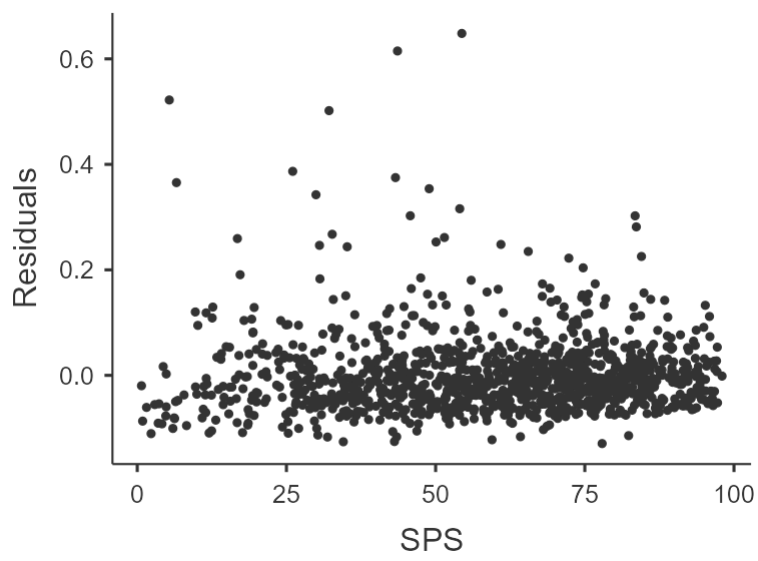
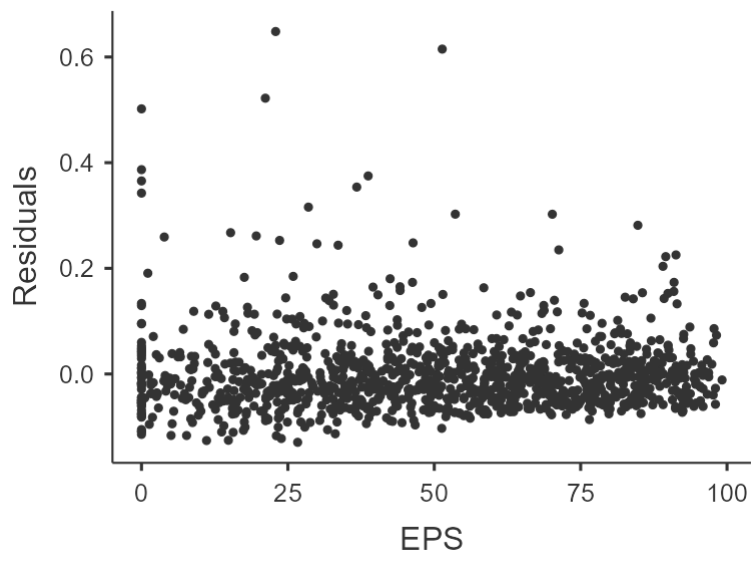
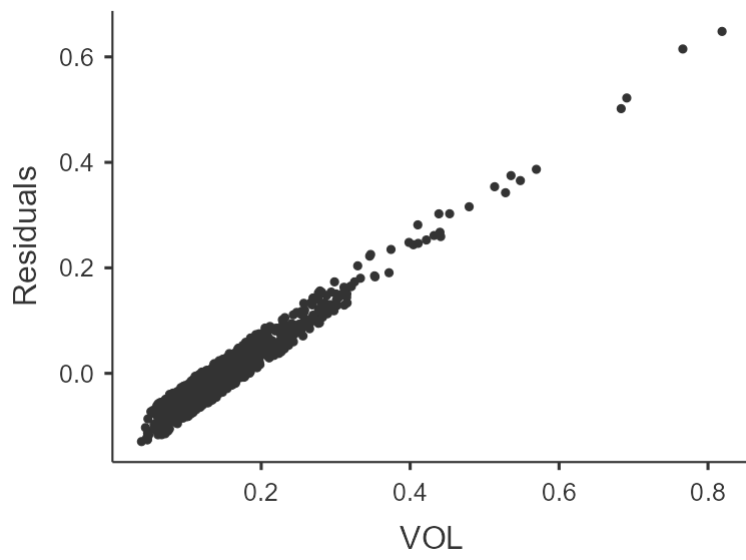
Statistic	p
0.79549	< .00001

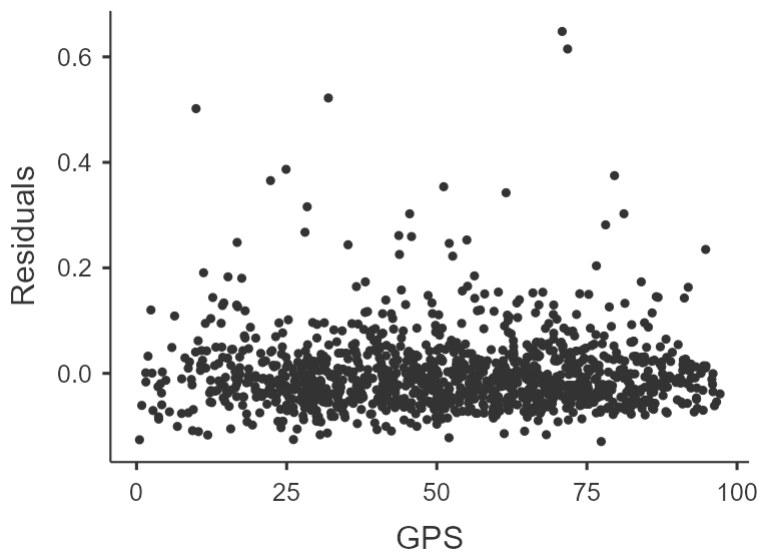
Q-Q Plot



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>.