

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.09629	0.00927	3.70633	3	1188	0.01134

Model Coefficients - VOL

Predictor	Estimate	SE	t	p
Intercept	0.34788	0.01197	29.06672	< .00001
EPS	-0.00018	0.00020	-0.92577	0.35475
SPS	-0.00044	0.00024	-1.82076	0.06889
GPS	0.00034	0.00018	1.82225	0.06867

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.00572	1.98829	0.82600

[3]

Collinearity Statistics

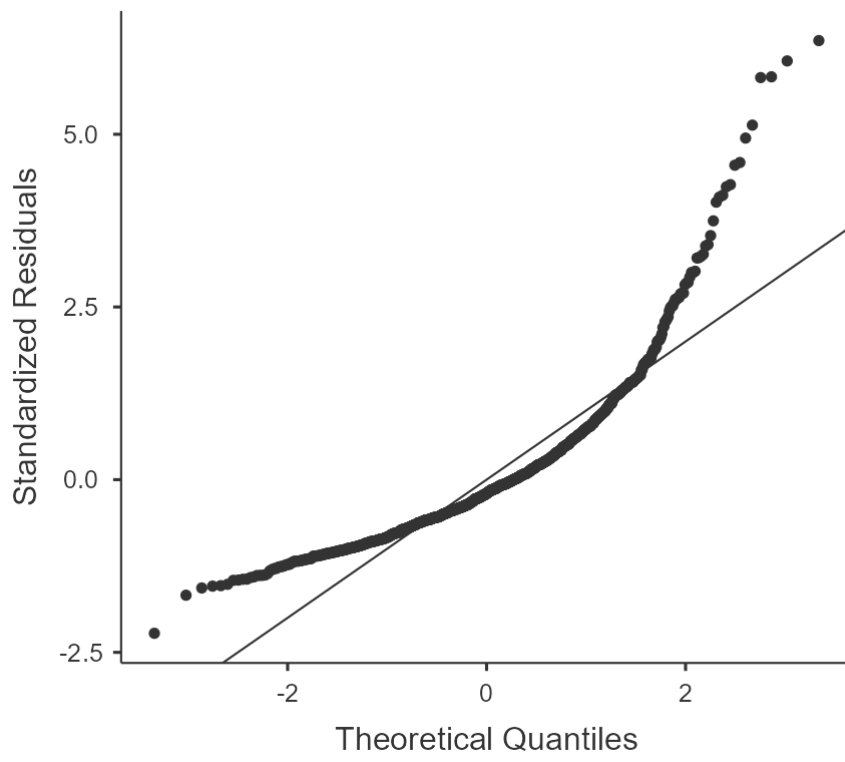
	VIF	Tolerance
EPS	2.09740	0.47678
SPS	2.13075	0.46932
GPS	1.26992	0.78745

[3]

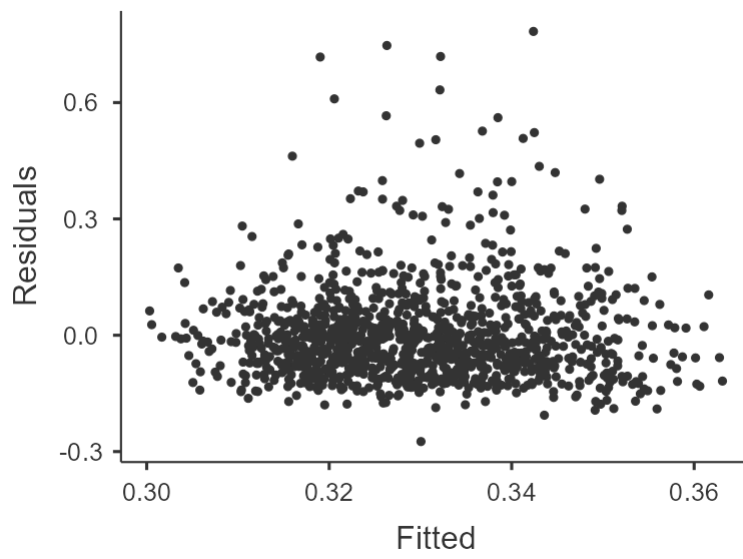
Normality Test (Shapiro-Wilk)

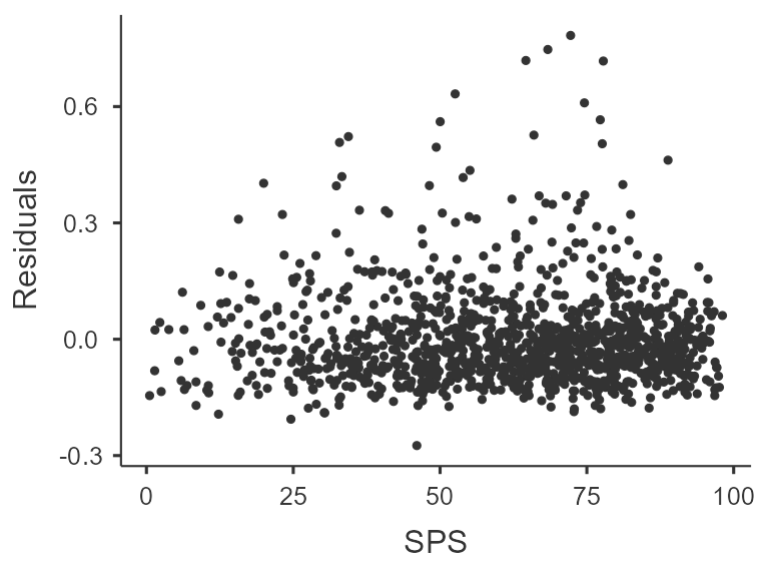
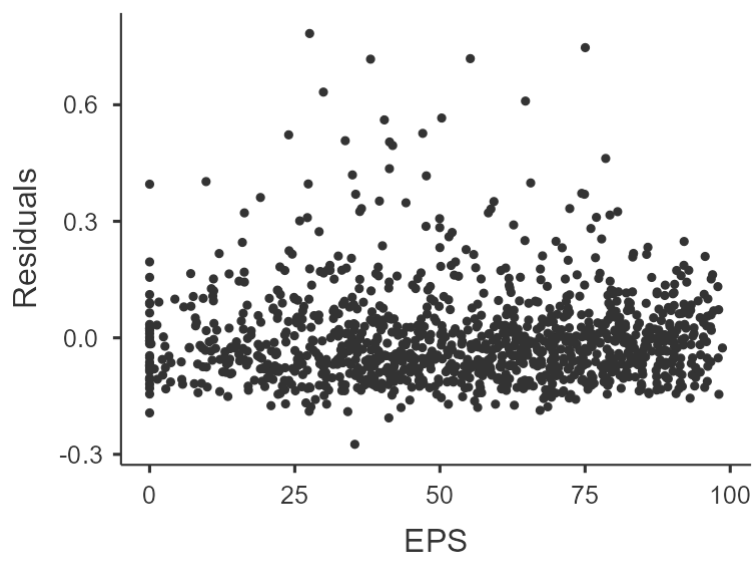
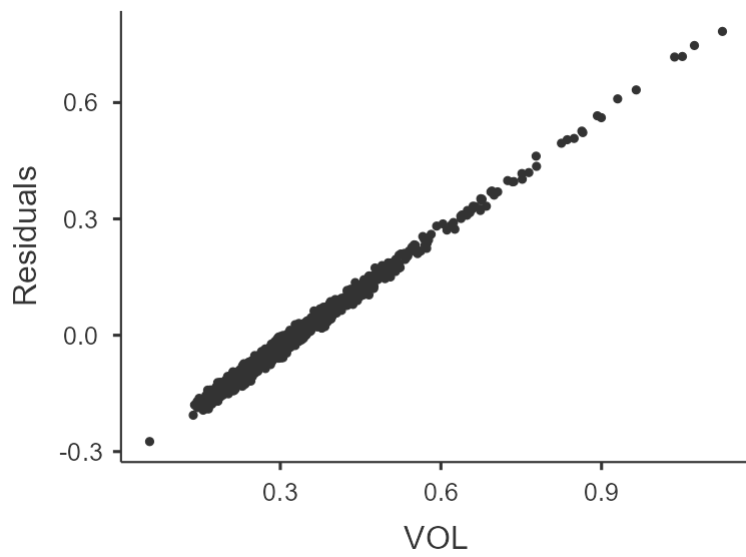
Statistic	p
0.84404	< .00001

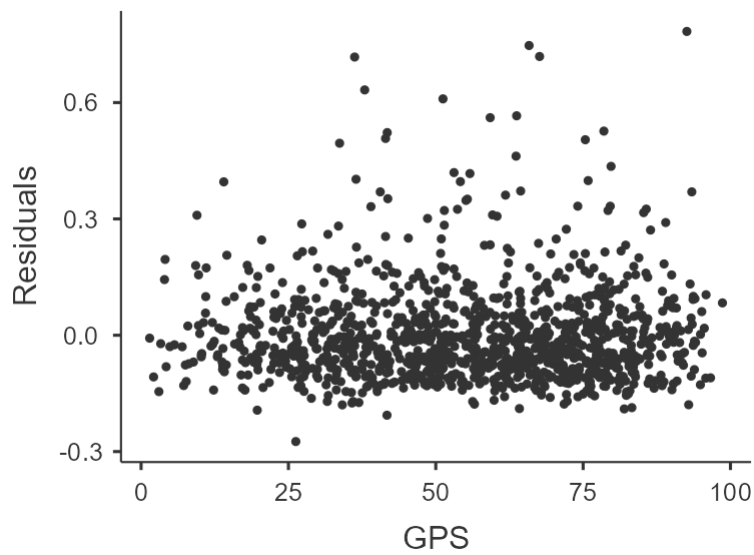
Q-Q Plot



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>.