

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.09710	0.00943	3.76271	3	1186	0.01050

Model Coefficients - VOL

Predictor	Estimate	SE	t	p
Intercept	0.21283	0.00868	24.52676	< .00001
EPS	-0.00026	0.00014	-1.94333	0.05221
SPS	-0.00012	0.00016	-0.76539	0.44419
GPS	0.00007	0.00012	0.59819	0.54983

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.01471	2.02876	0.60800

[3]

Collinearity Statistics

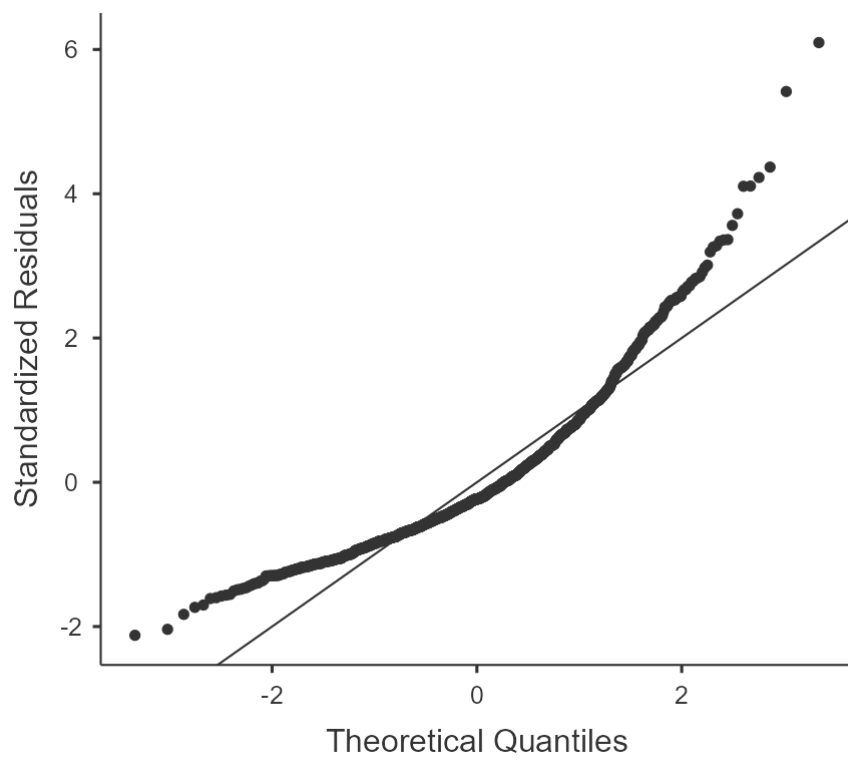
	VIF	Tolerance
EPS	1.98172	0.50461
SPS	2.02366	0.49416
GPS	1.22314	0.81757

[3]

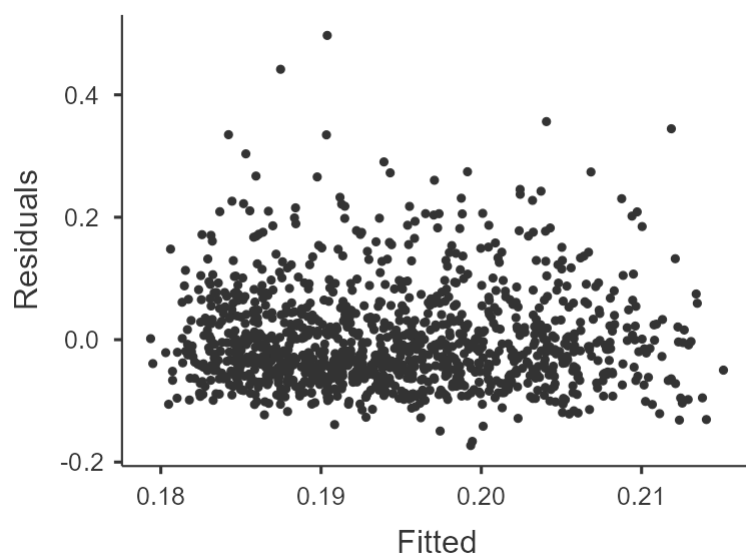
Normality Test (Shapiro-Wilk)

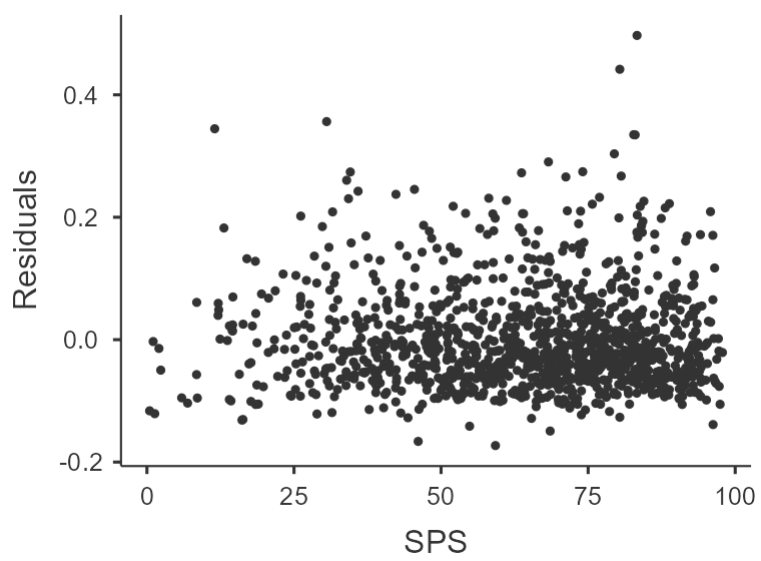
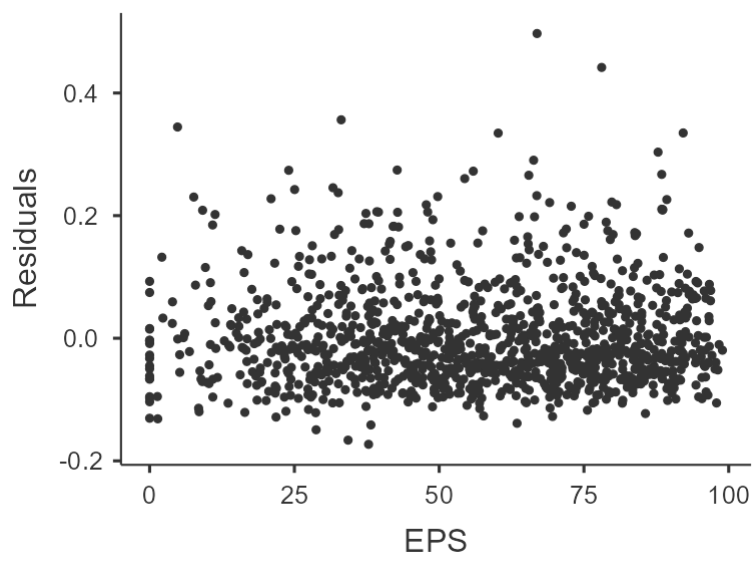
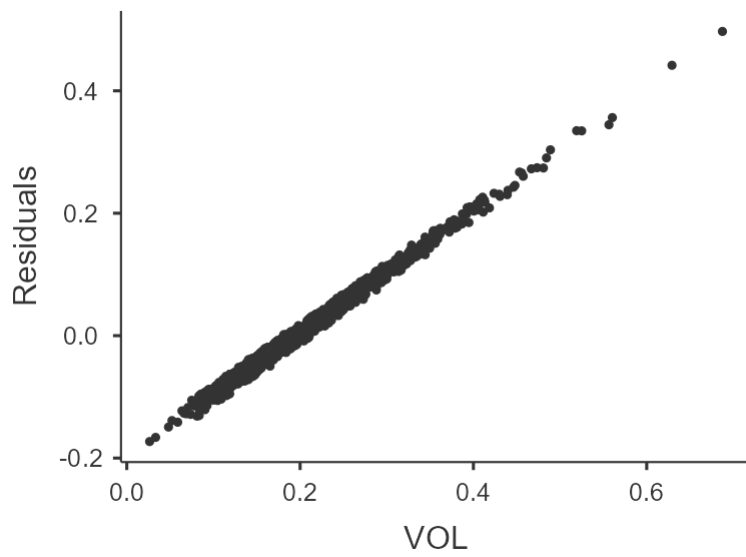
Statistic	p
0.90052	< .00001

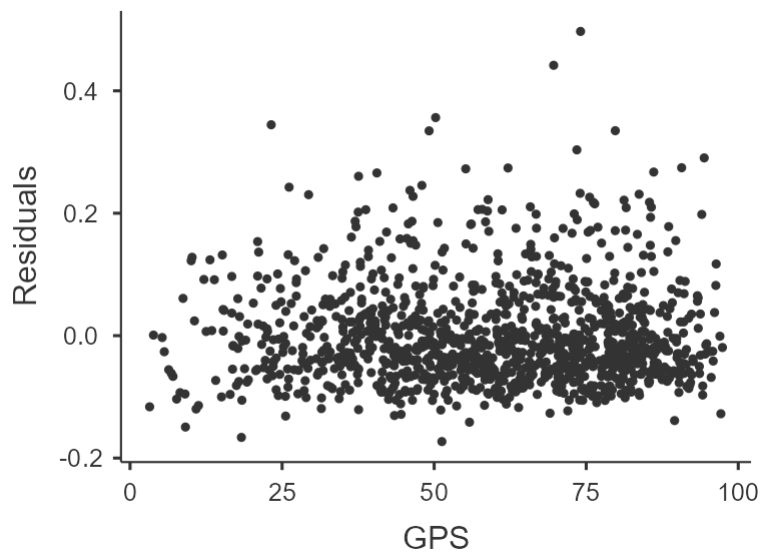
Q-Q Plot



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>.