

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.08818	0.00778	3.10364	3	1188	0.02581

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	0.01839	0.01900	0.96834	0.33307
EPS	0.00048	0.00028	1.68645	0.09197
SPS	0.00032	0.00033	0.96550	0.33449
GPS	-0.00025	0.00025	-0.98146	0.32657

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.01362	1.97137	0.61400

[3]

Collinearity Statistics

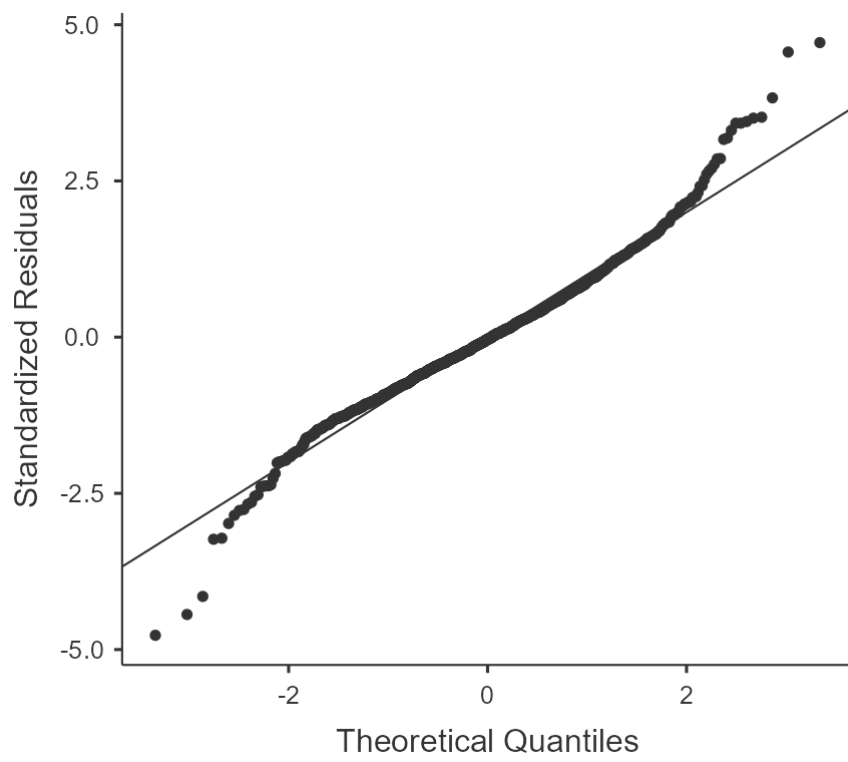
	VIF	Tolerance
EPS	1.81057	0.55231
SPS	1.83653	0.54450
GPS	1.16747	0.85656

[3]

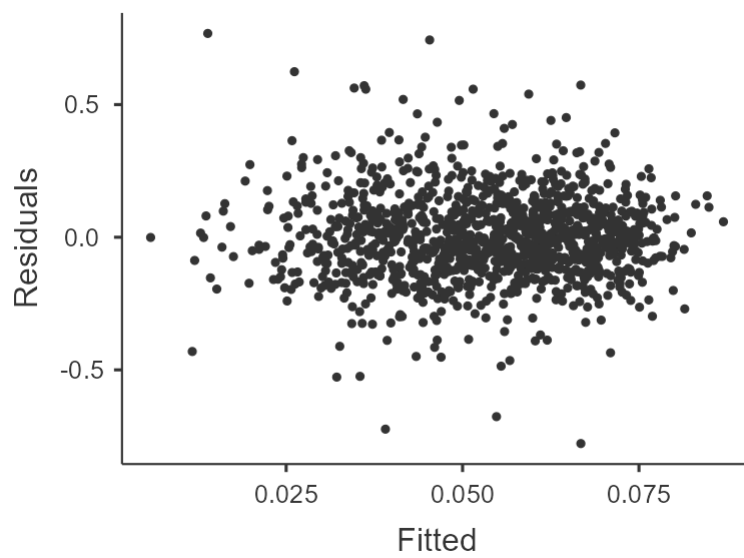
Normality Test (Shapiro-Wilk)

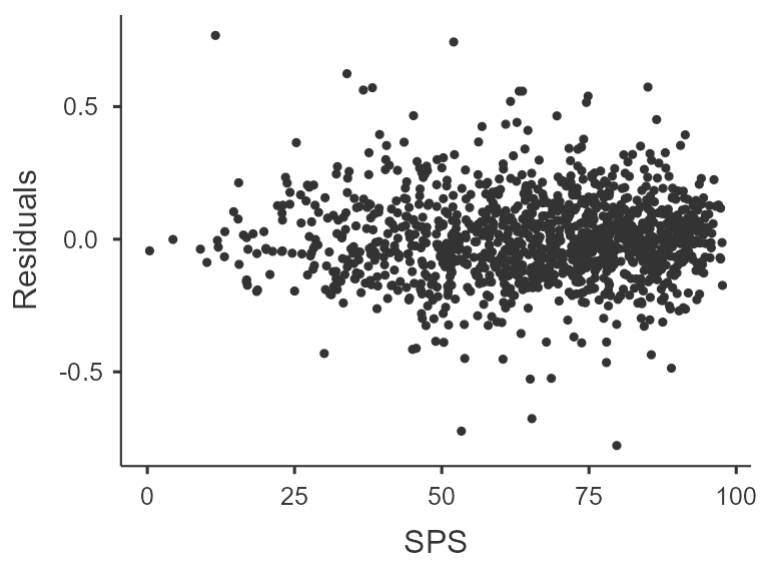
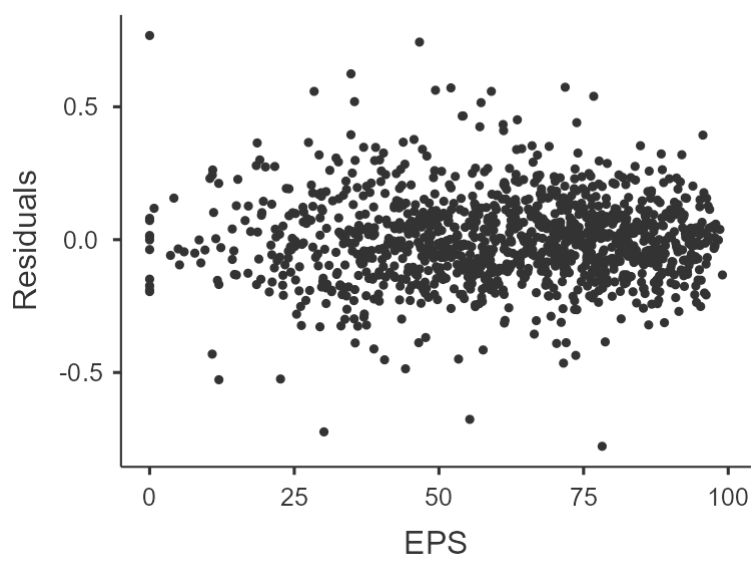
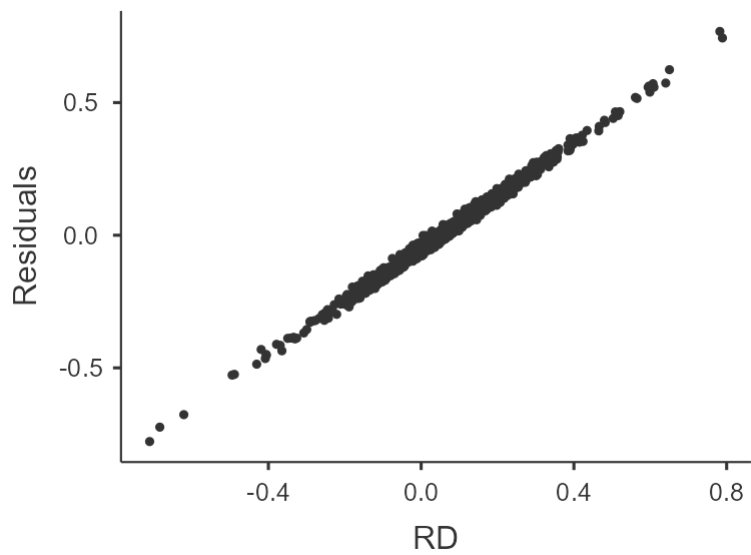
Statistic	p
0.97584	< .00001

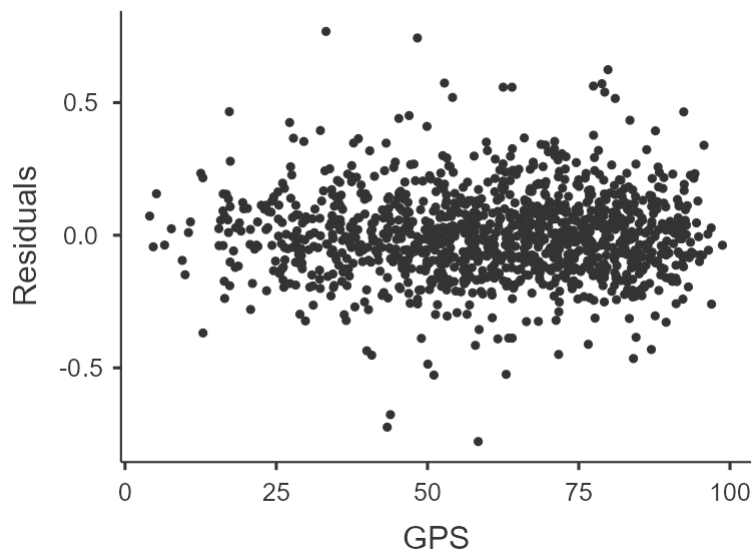
Q-Q Plot



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>.