

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.06297	0.00397	1.57400	3	1186	0.19393

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	0.05437	0.01856	2.92853	0.00347
EPS	0.00035	0.00027	1.32861	0.18423
SPS	-0.00024	0.00031	-0.77003	0.44144
GPS	0.00033	0.00023	1.42852	0.15340

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.00560	1.98861	0.80400

[3]

Collinearity Statistics

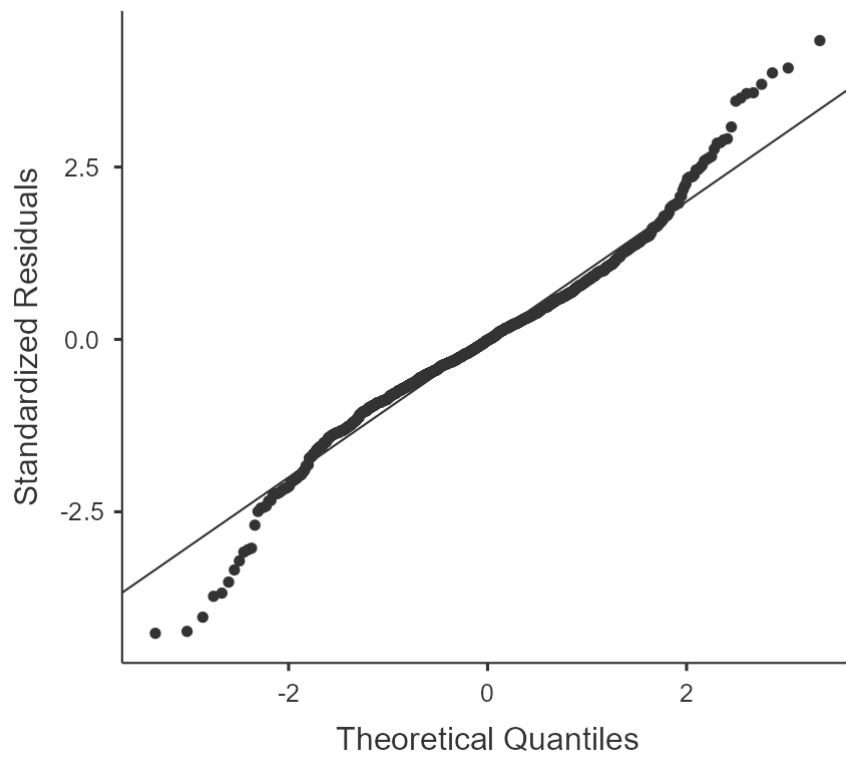
	VIF	Tolerance
EPS	1.74096	0.57440
SPS	1.75963	0.56830
GPS	1.12834	0.88625

[3]

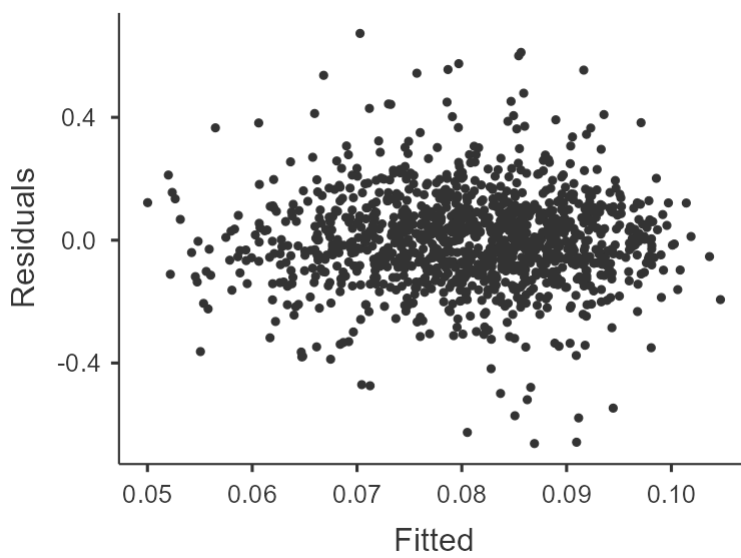
Normality Test (Shapiro-Wilk)

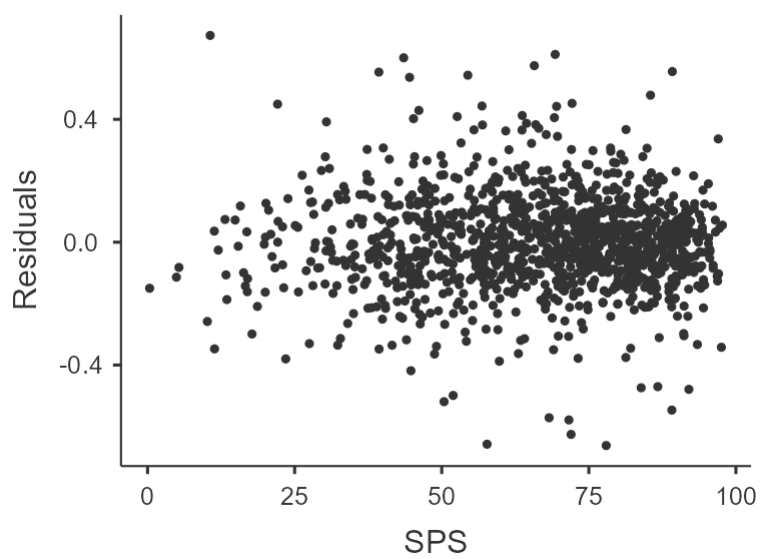
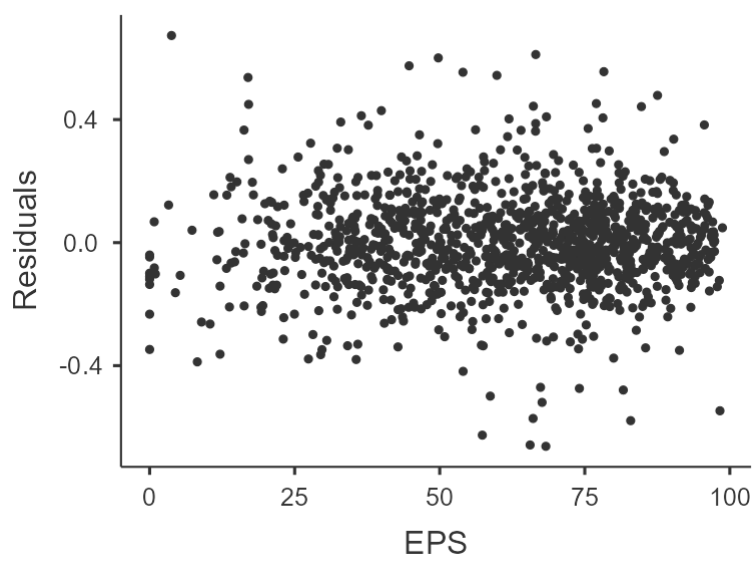
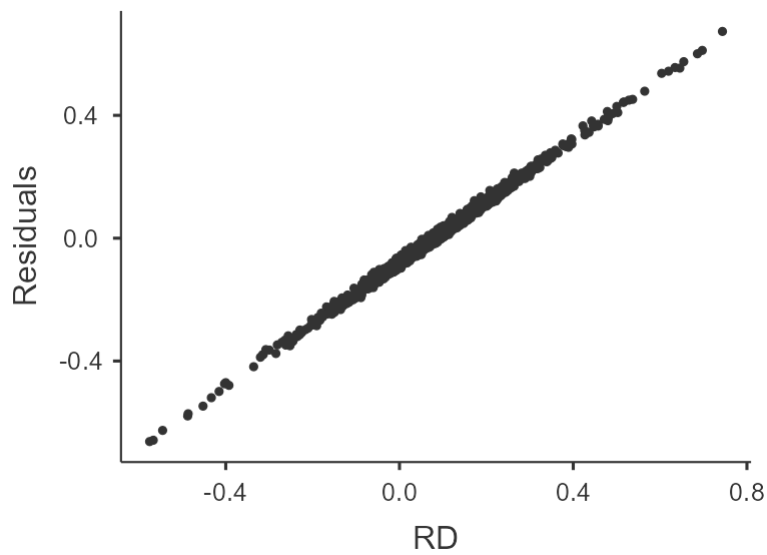
Statistic	p
0.97247	< .00001

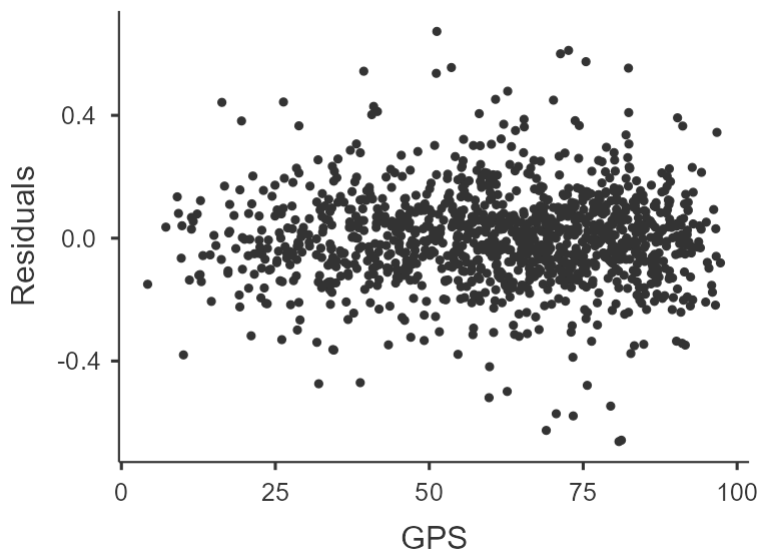
Q-Q Plot



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>.