

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.08169	0.00667	2.66035	3	1188	0.04689

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	-0.03558	0.01211	-2.93929	0.00335
EPS	0.00041	0.00021	1.92451	0.05453
SPS	-0.00014	0.00026	-0.53029	0.59601
GPS	0.00016	0.00020	0.80898	0.41869

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.01059	1.97880	0.69600

[3]

Collinearity Statistics

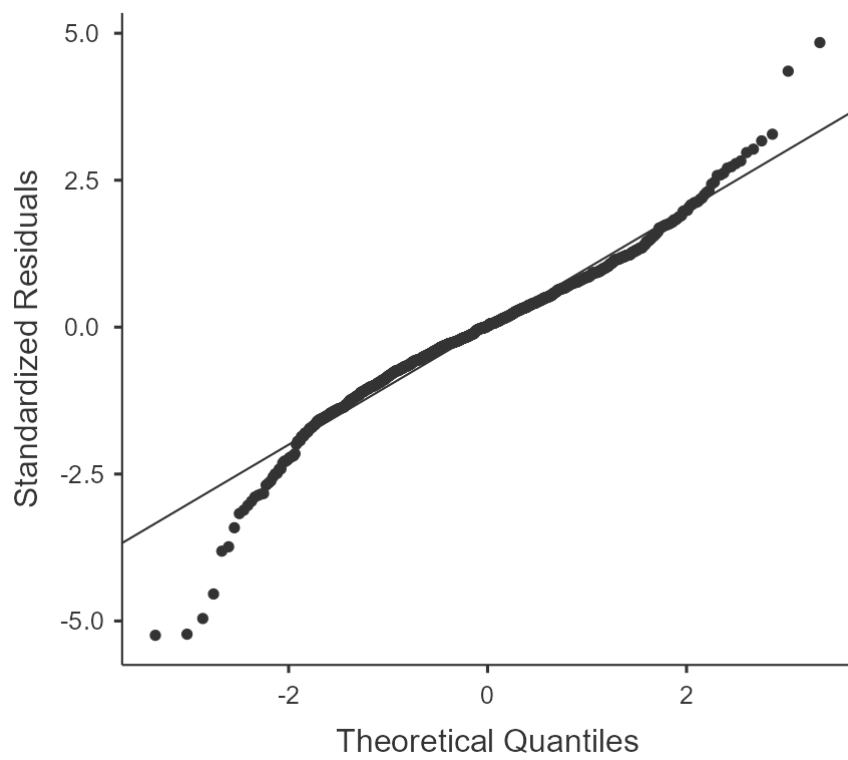
	VIF	Tolerance
EPS	2.16095	0.46276
SPS	2.18105	0.45850
GPS	1.31510	0.76040

[3]

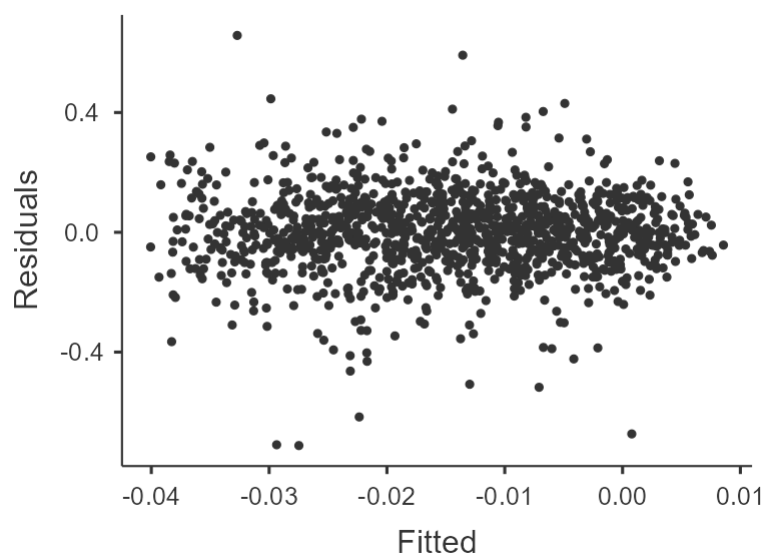
Normality Test (Shapiro-Wilk)

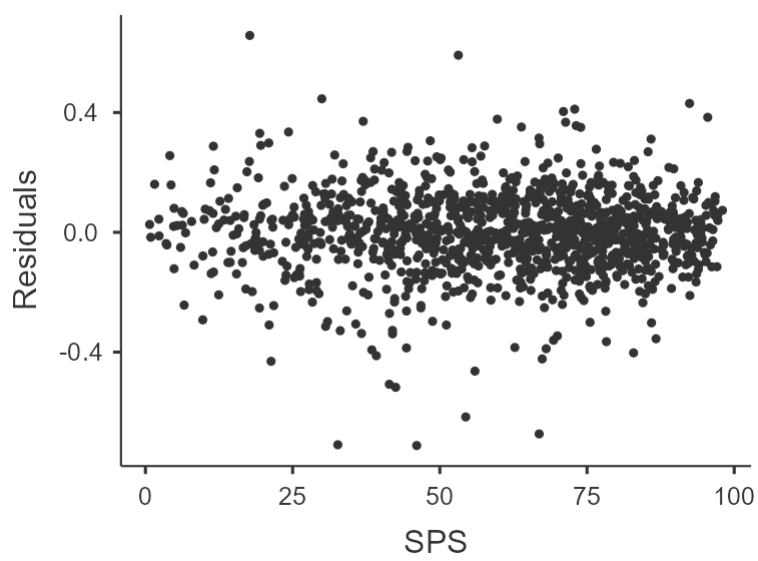
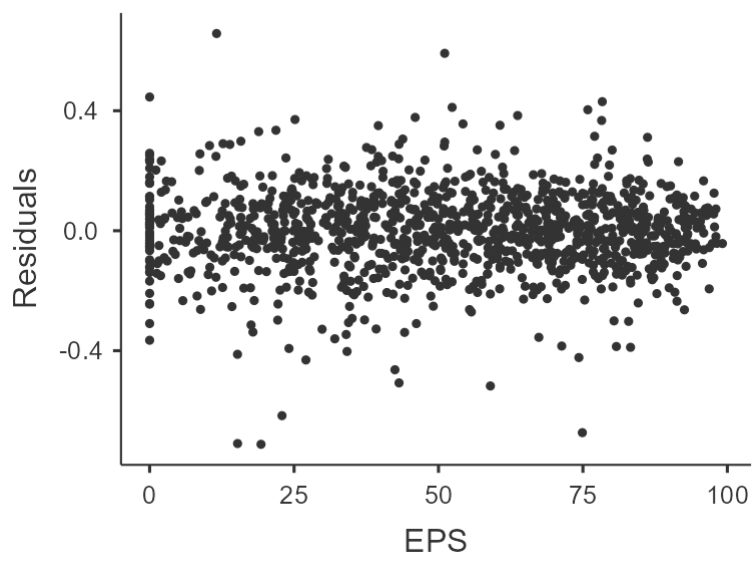
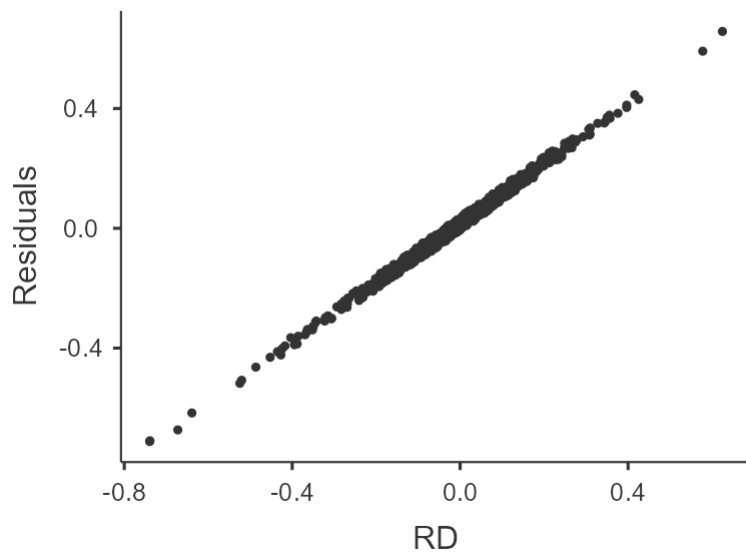
Statistic	p
0.96502	< .00001

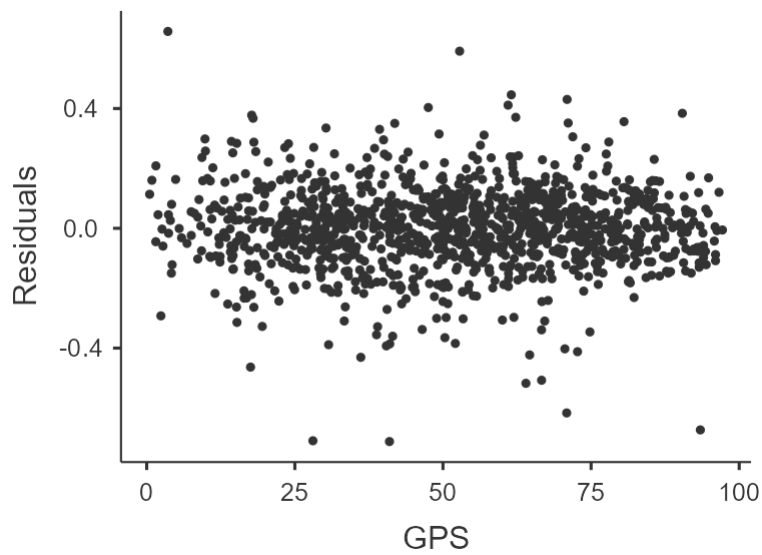
Q-Q Plot



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>.