

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.03654	0.00133	0.52844	3	1186	0.66281

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	0.00432	0.01192	0.36192	0.71748
EPS	-0.00014	0.00021	-0.69341	0.48819
SPS	0.00019	0.00025	0.77127	0.44070
GPS	-0.00017	0.00020	-0.89073	0.37326

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.02392	1.95143	0.38600

[3]

Collinearity Statistics

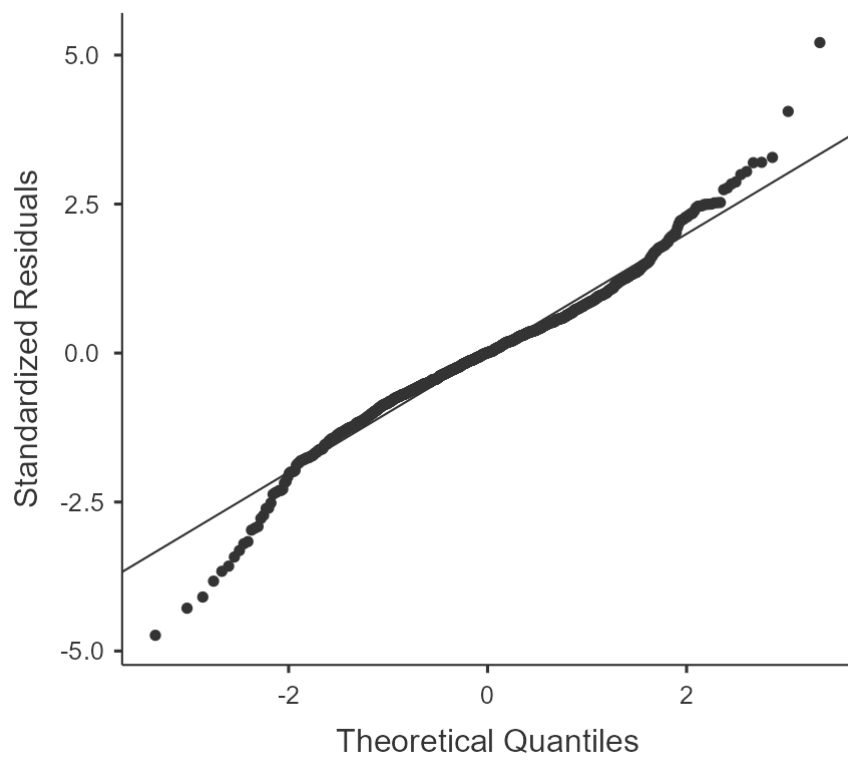
	VIF	Tolerance
EPS	2.15098	0.46490
SPS	2.16321	0.46227
GPS	1.31200	0.76220

[3]

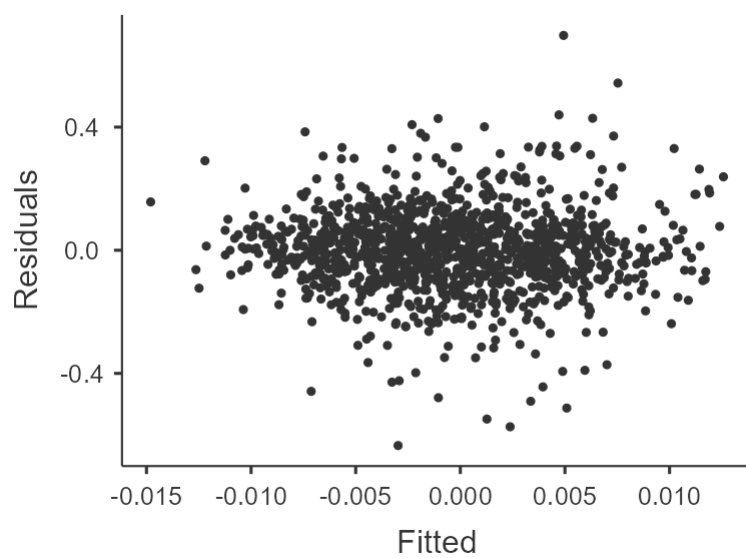
Normality Test (Shapiro-Wilk)

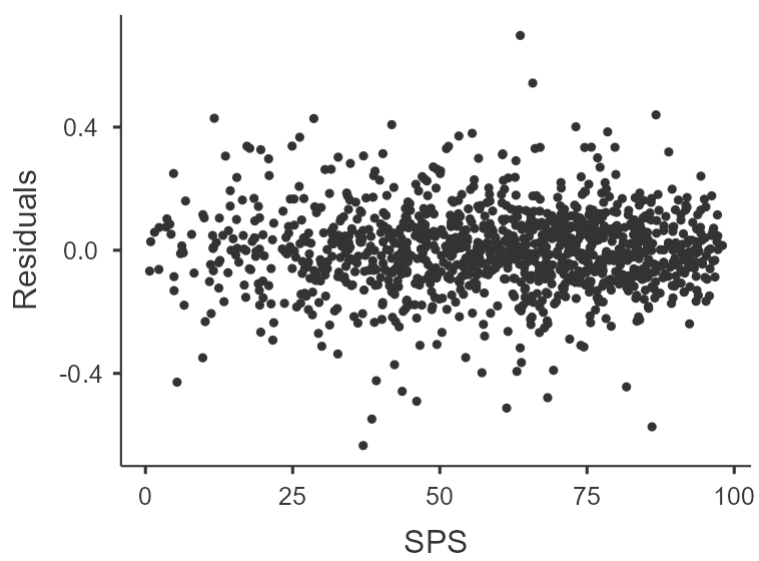
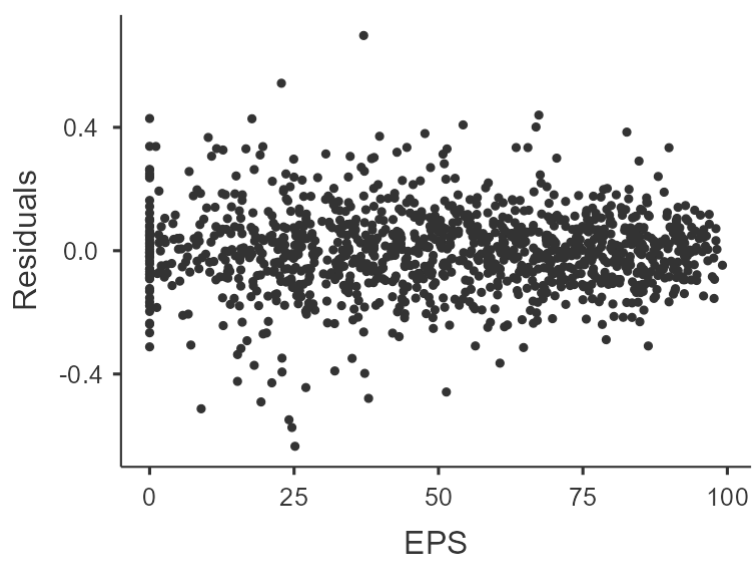
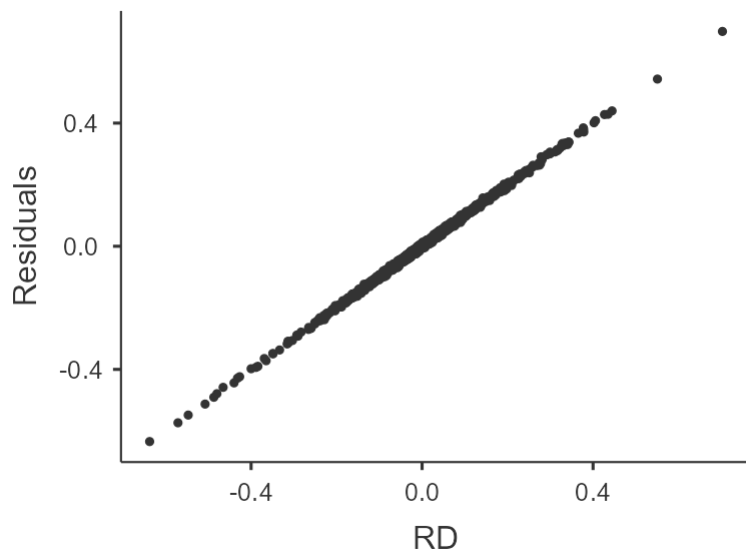
Statistic	p
0.97158	< .00001

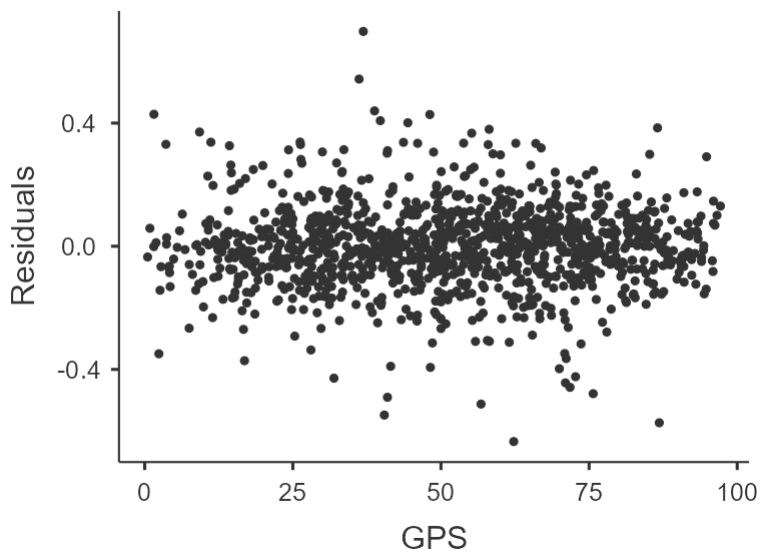
Q-Q Plot



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>.