

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.05623	0.00316	1.25721	3	1189	0.28772

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	0.09936	0.01366	7.27601	< .00001
EPS	0.00004	0.00024	0.15953	0.87328
SPS	0.00039	0.00029	1.33173	0.18321
GPS	-0.00029	0.00022	-1.27449	0.20274

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.01245	2.02473	0.66800

[3]

Collinearity Statistics

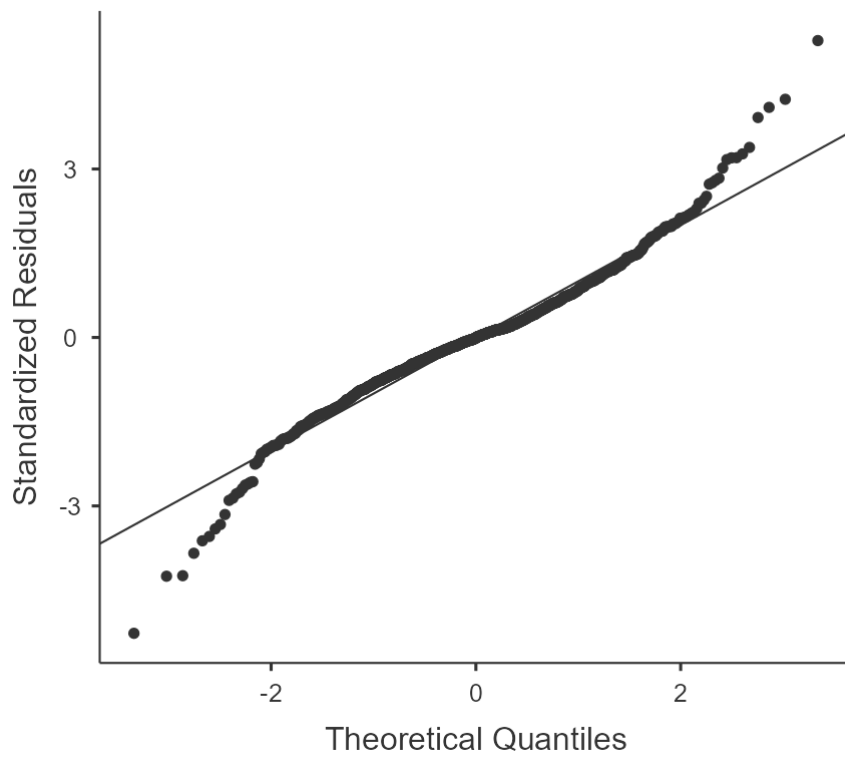
	VIF	Tolerance
EPS	2.15203	0.46468
SPS	2.16656	0.46156
GPS	1.31380	0.76115

[3]

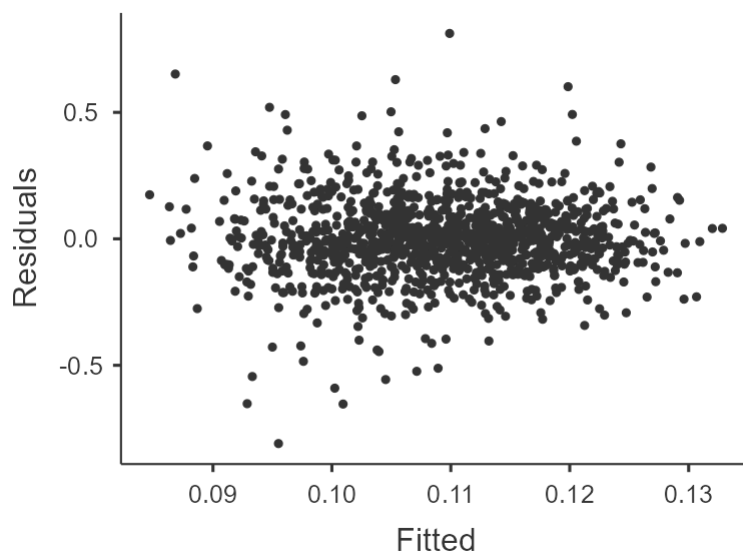
Normality Test (Shapiro-Wilk)

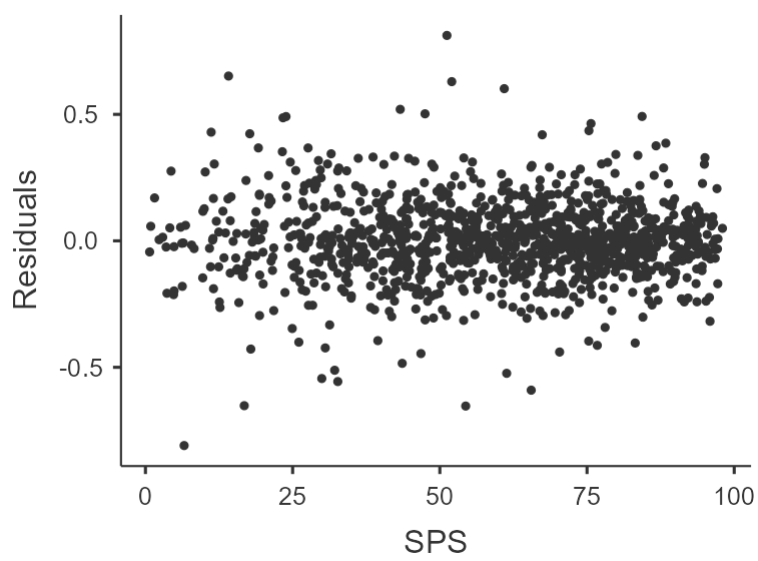
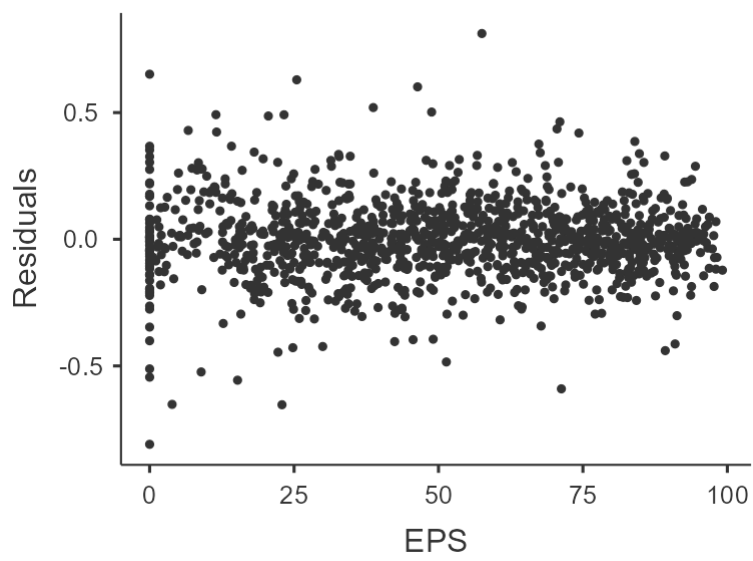
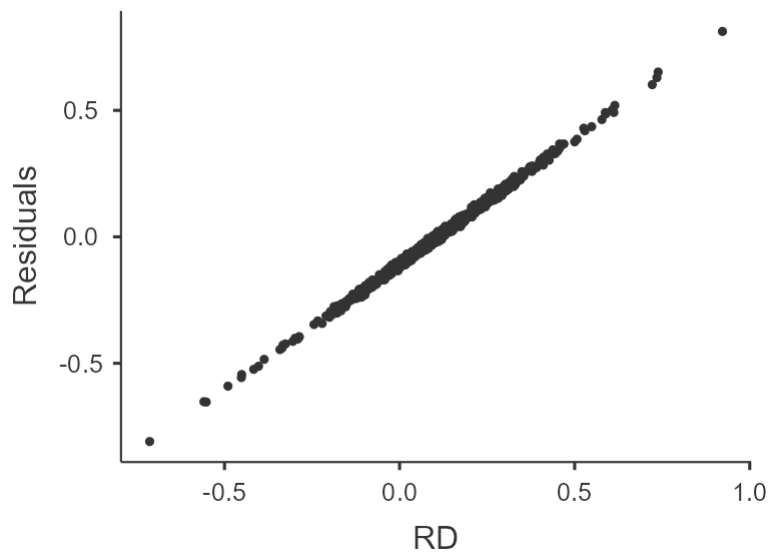
Statistic	p
0.96560	< .00001

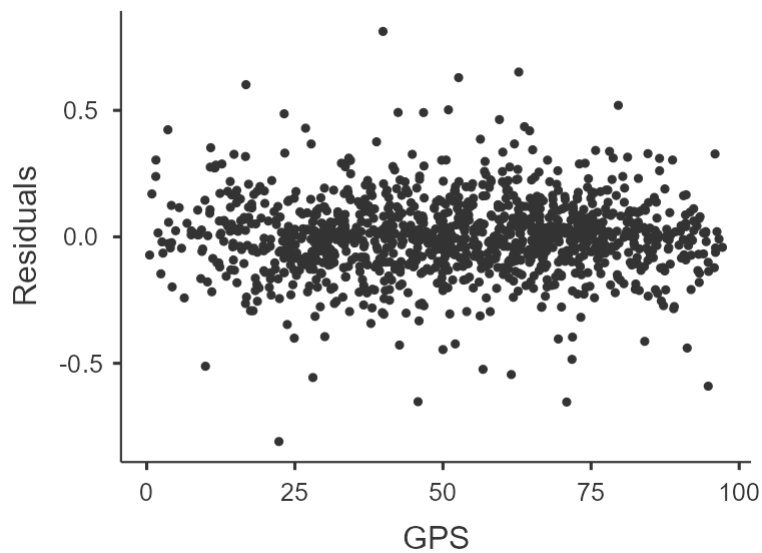
Q-Q Plot



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>.