

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.02404	0.00058	0.22878	3	1187	0.87639

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	0.18107	0.02490	7.27064	< .00001
EPS	0.00009	0.00039	0.23475	0.81445
SPS	0.00021	0.00046	0.44106	0.65925
GPS	-0.00019	0.00036	-0.51783	0.60467

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.02493	2.04938	0.39200

[3]

Collinearity Statistics

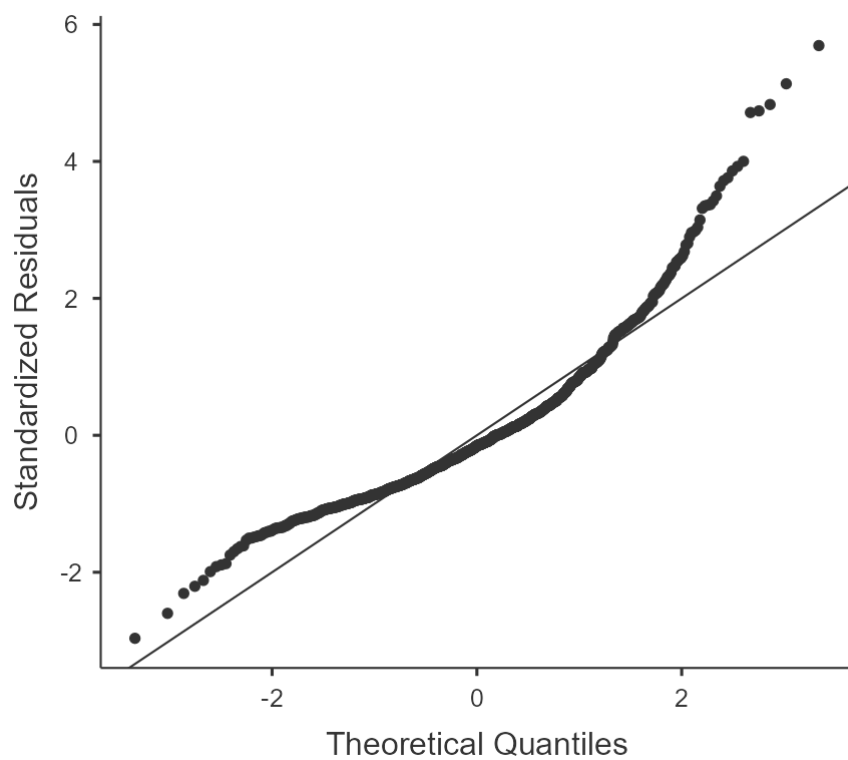
	VIF	Tolerance
EPS	1.98312	0.50426
SPS	2.02559	0.49368
GPS	1.22186	0.81842

[3]

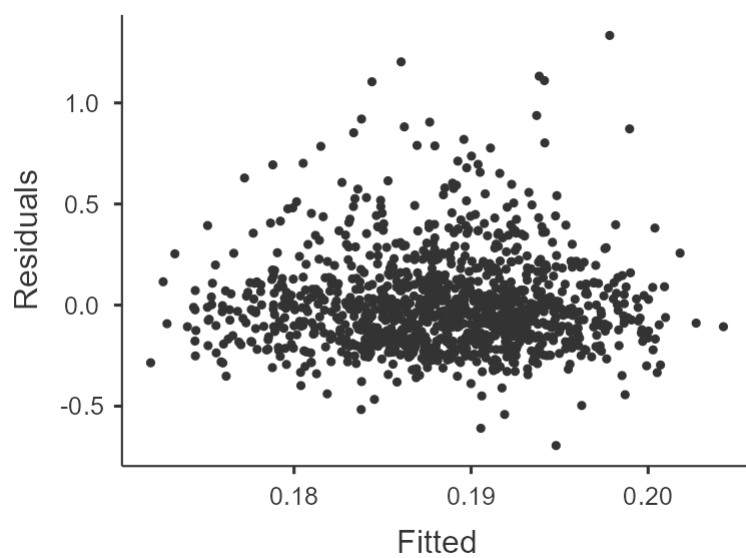
Normality Test (Shapiro-Wilk)

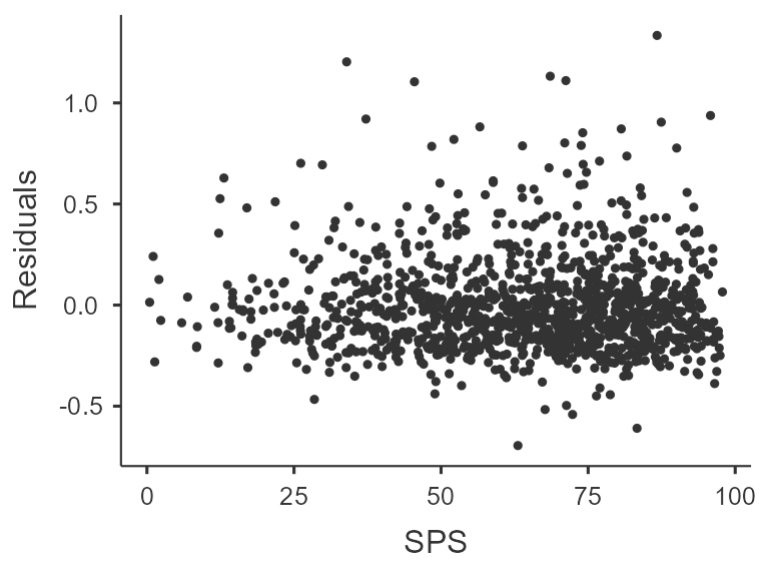
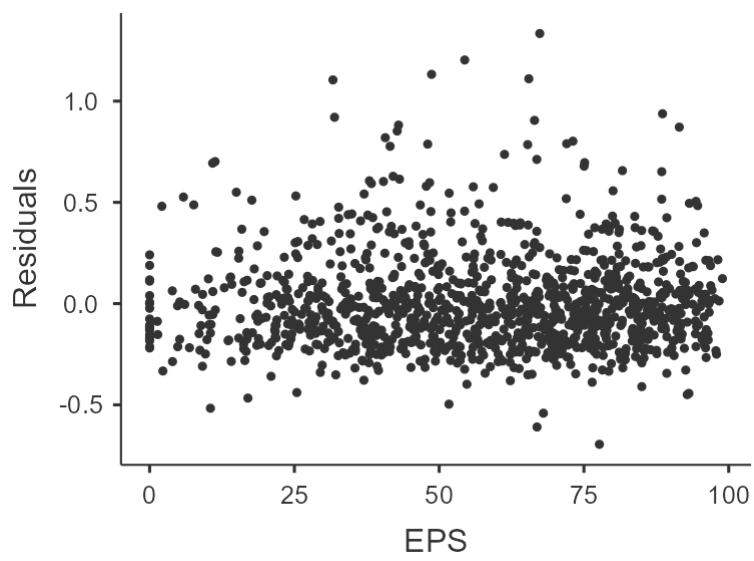
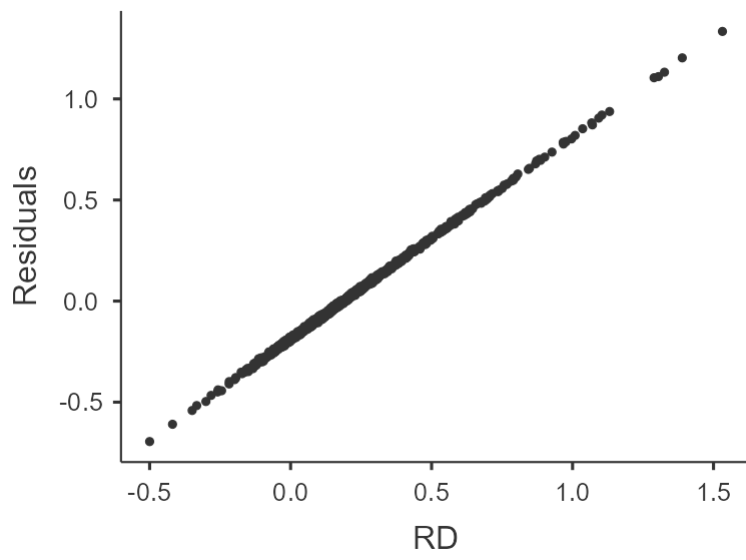
Statistic	p
0.90964	< .00001

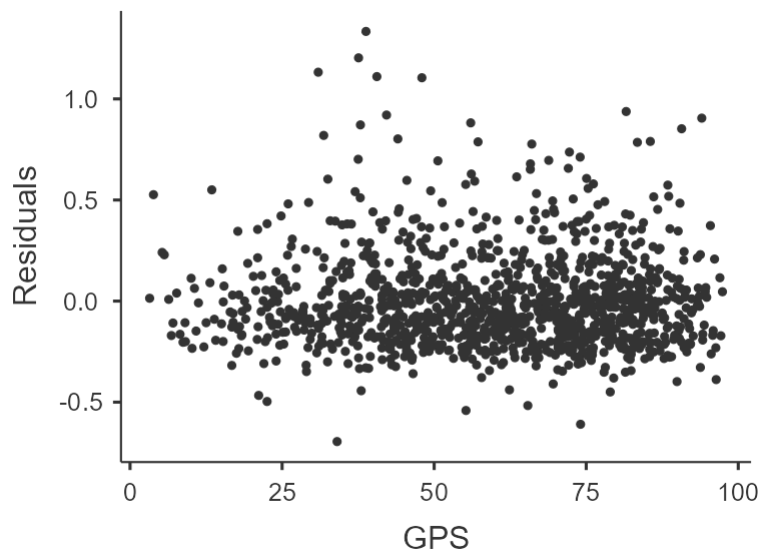
Q-Q Plot



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>.