

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.10467	0.01096	4.37931	3	1186	0.00449

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	-0.02335	0.01564	-1.49295	0.13572
EPS	0.00069	0.00024	2.92621	0.00350
SPS	-0.00012	0.00027	-0.43356	0.66468
GPS	-0.00046	0.00021	-2.19650	0.02825

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.00096	1.99383	0.89400

[3]

Collinearity Statistics

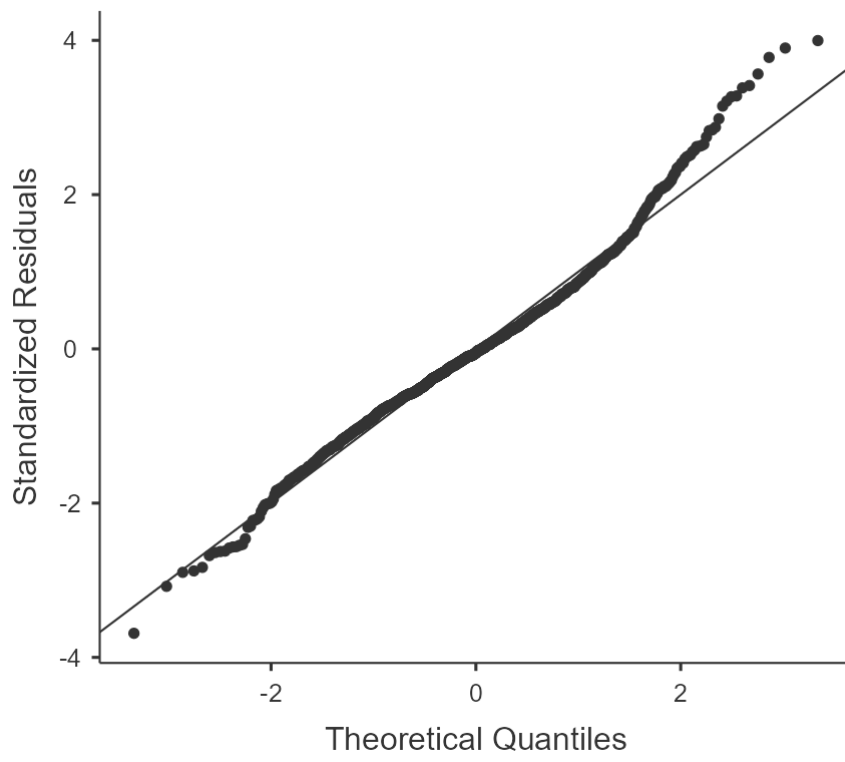
	VIF	Tolerance
EPS	1.82647	0.54751
SPS	1.85357	0.53950
GPS	1.17416	0.85167

[3]

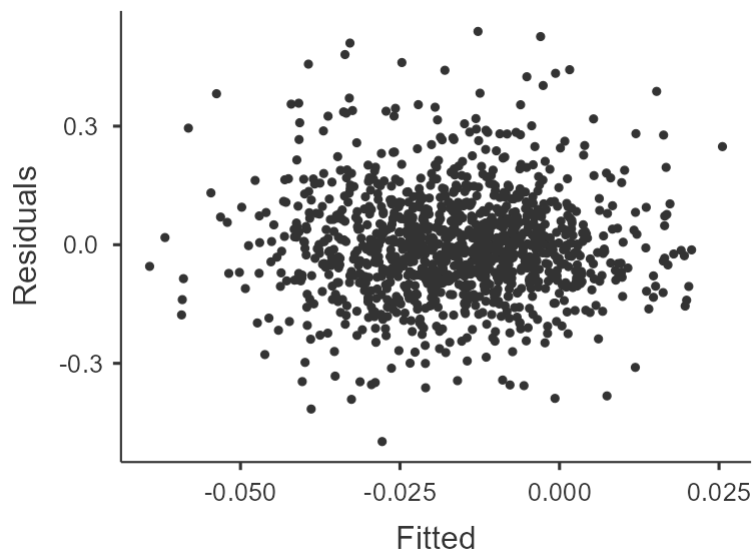
Normality Test (Shapiro-Wilk)

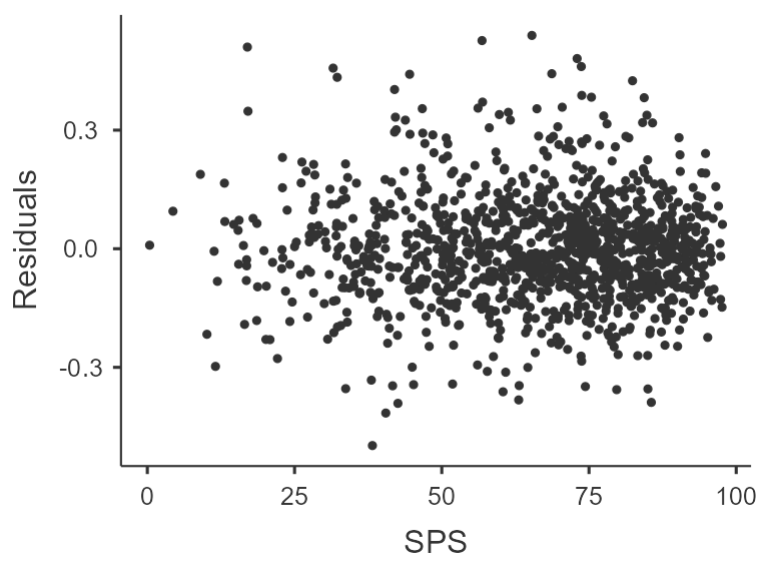
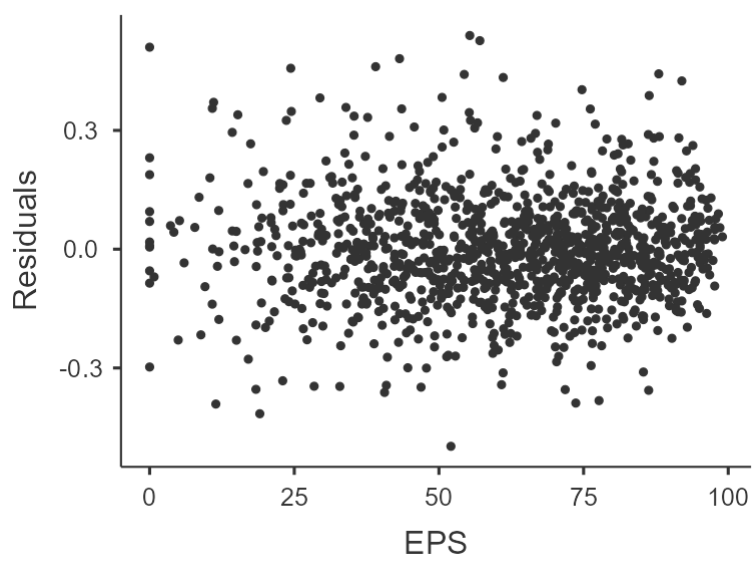
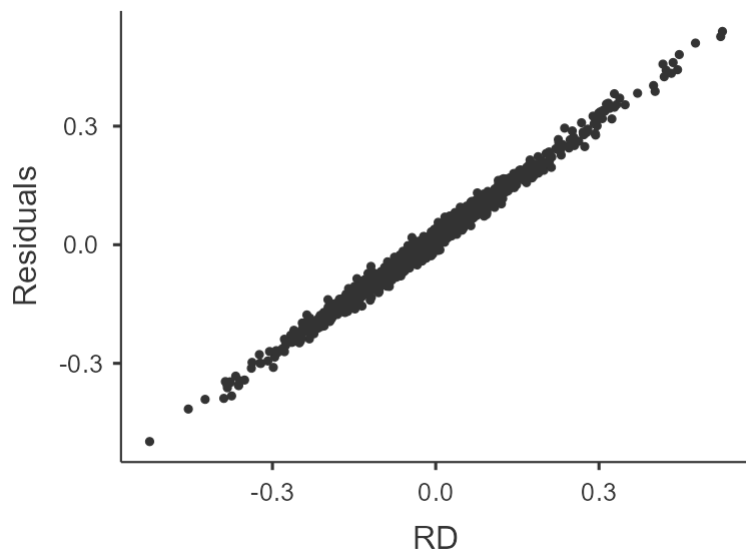
Statistic	p
0.98144	< .00001

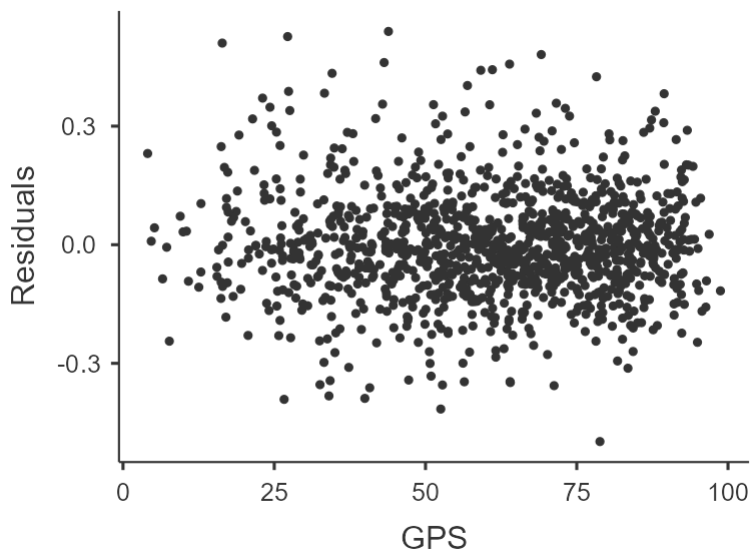
Q-Q Plot



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>.