

# Results

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>	Overall Model Test			
			F	df1	df2	p
1	0.08424	0.00710	2.82819	3	1187	0.03744

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	-0.06167	0.01969	-3.13295	0.00177
EPS	0.00068	0.00030	2.25193	0.02451
SPS	-0.00019	0.00036	-0.54175	0.58809
GPS	-0.00058	0.00027	-2.10241	0.03573

### Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.01097	2.02031	0.67400

[3]

Collinearity Statistics

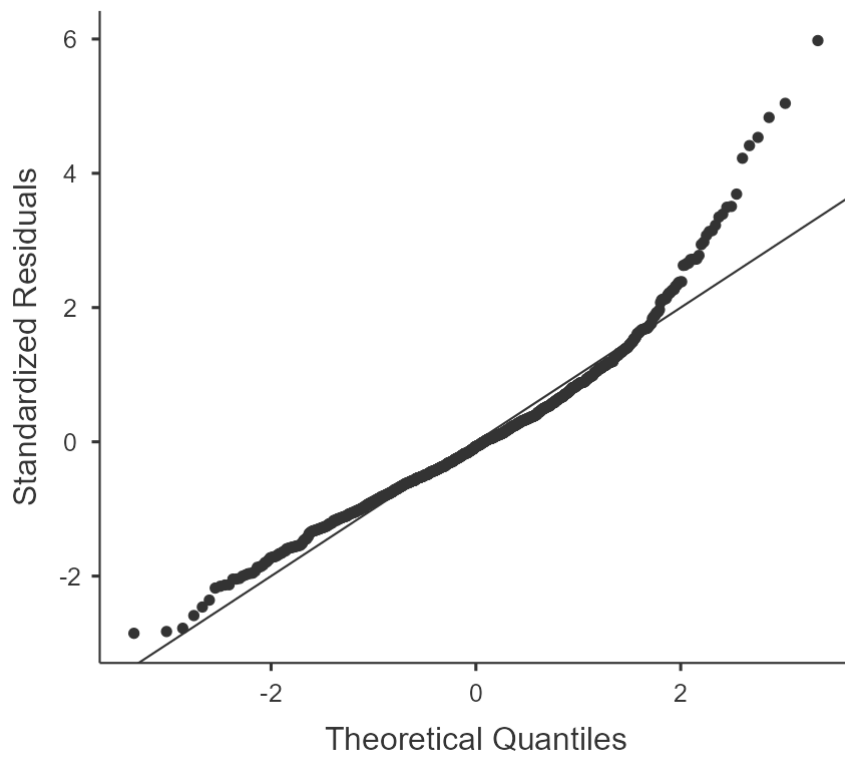
	VIF	Tolerance
EPS	1.88923	0.52932
SPS	1.94522	0.51408
GPS	1.21447	0.82340

[3]

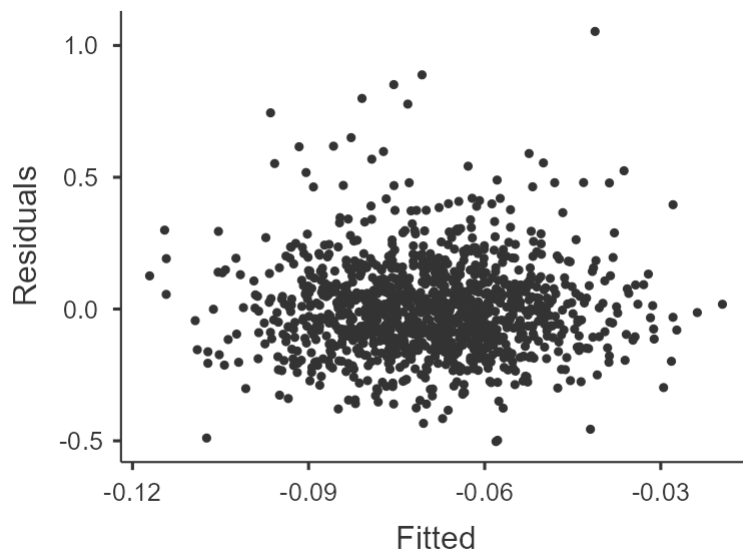
Normality Test (Shapiro-Wilk)

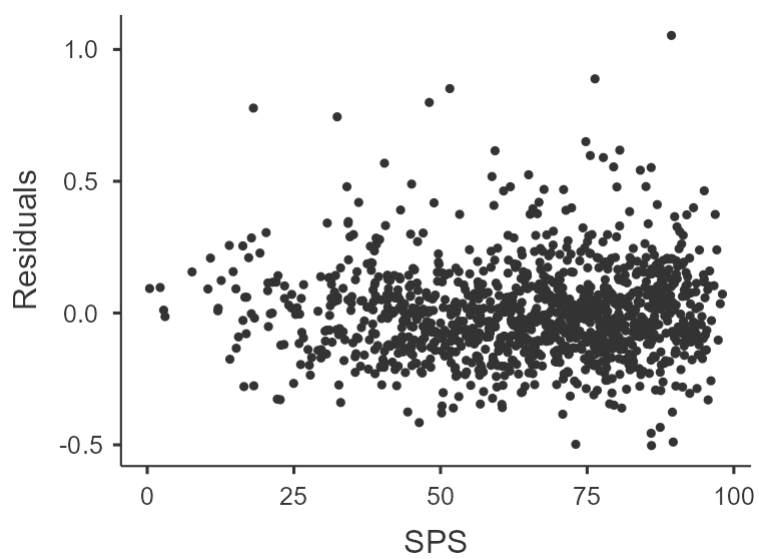
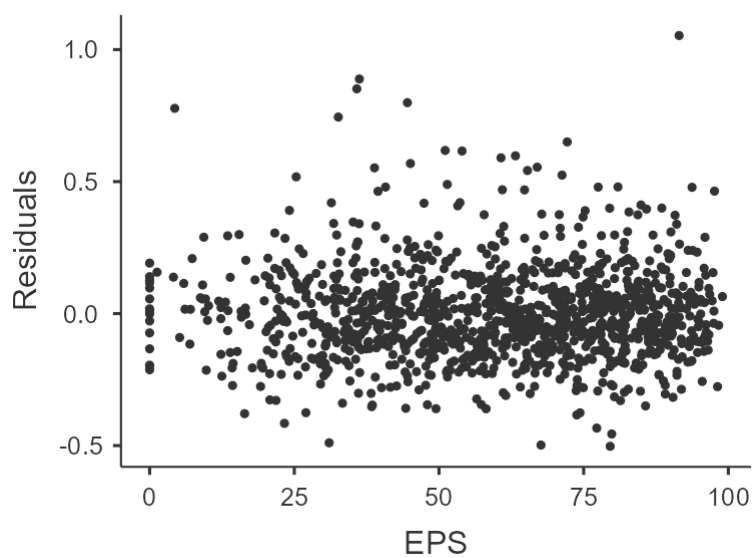
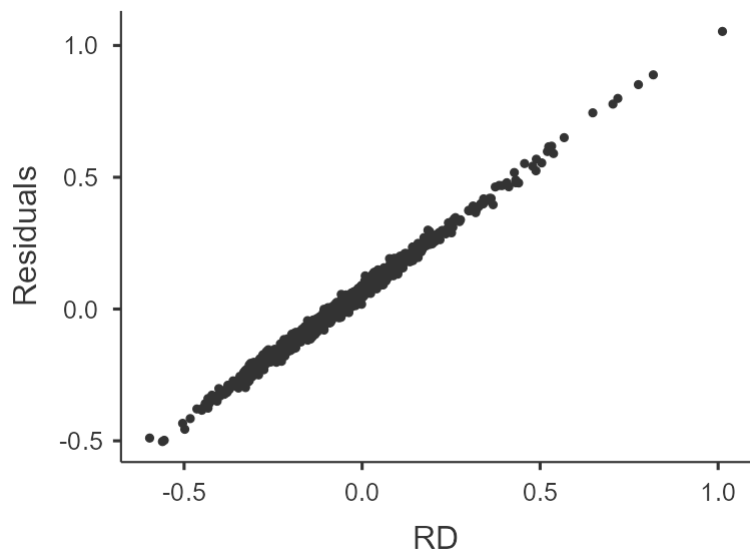
Statistic	p
0.95266	< .00001

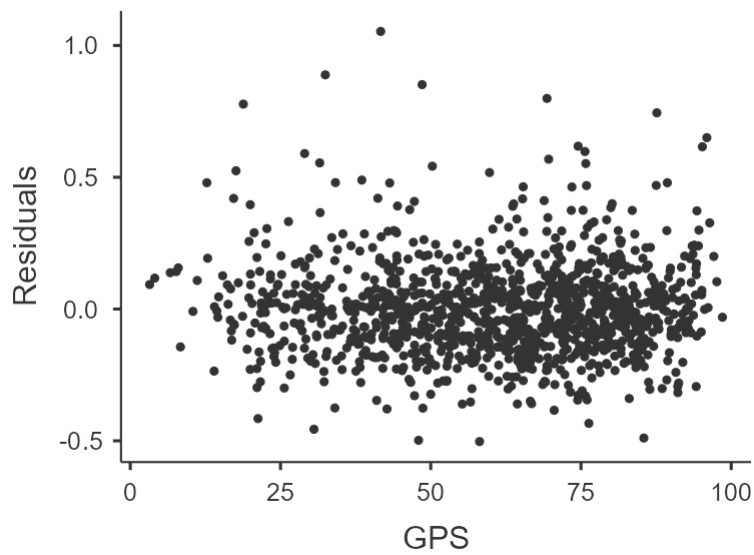
### Q-Q Plot



#### 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>.