

# Results

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>	Overall Model Test			
			F	df1	df2	p
1	0.12892	0.01662	6.70401	3	1190	0.00017

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	0.01496	0.01539	0.97253	0.33098
EPS	0.00083	0.00024	3.52654	0.00044
SPS	-0.00006	0.00028	-0.22662	0.82076
GPS	-0.00054	0.00022	-2.51504	0.01203

### Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.00250	1.99460	0.87800

[3]

Collinearity Statistics

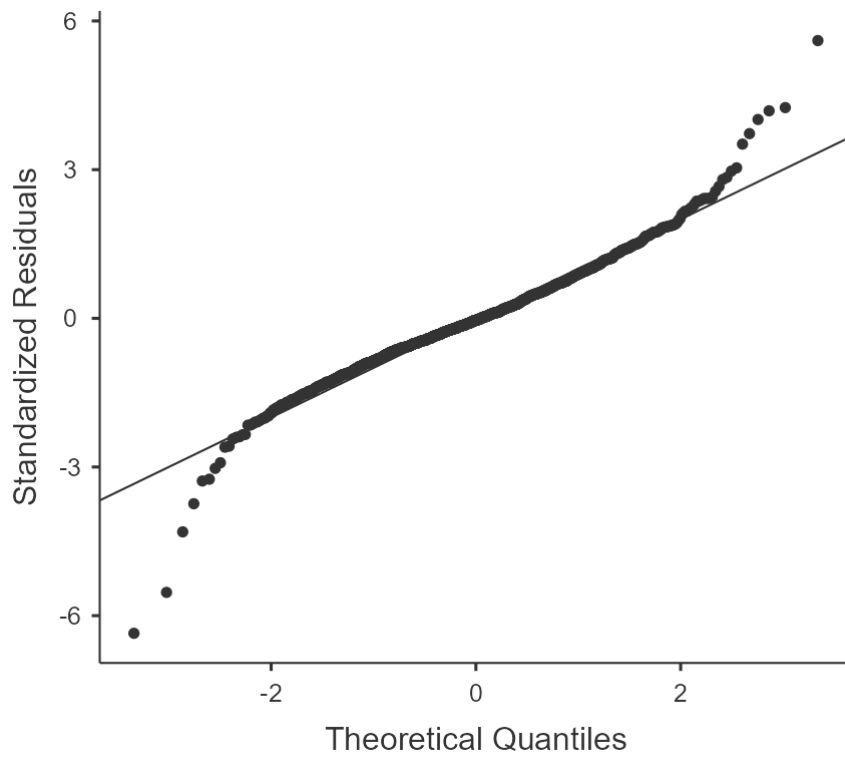
	VIF	Tolerance
EPS	1.91835	0.52128
SPS	1.96949	0.50774
GPS	1.22047	0.81936

[3]

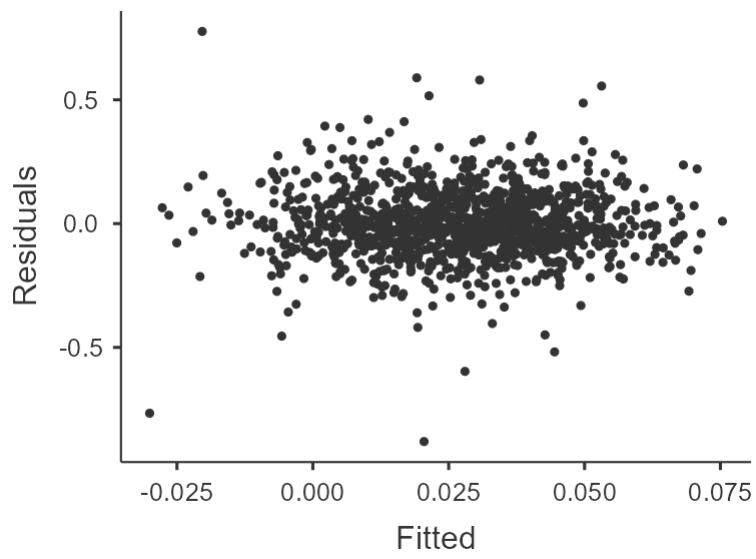
Normality Test (Shapiro-Wilk)

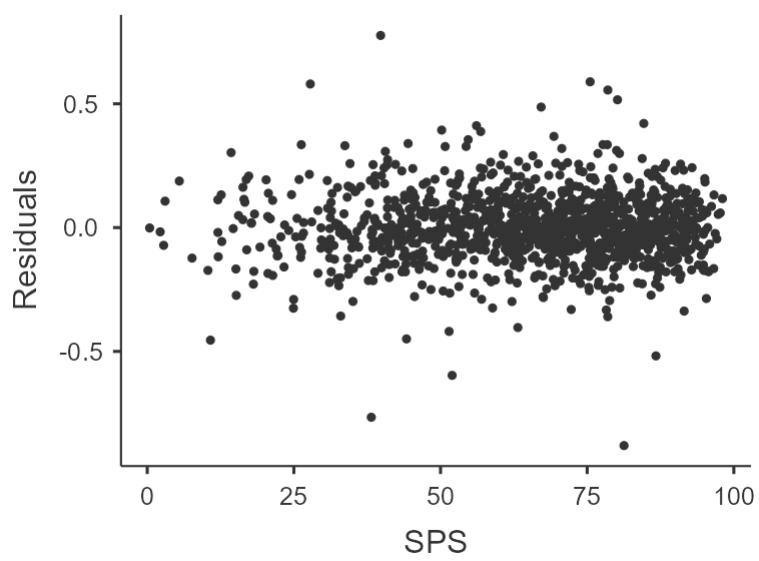
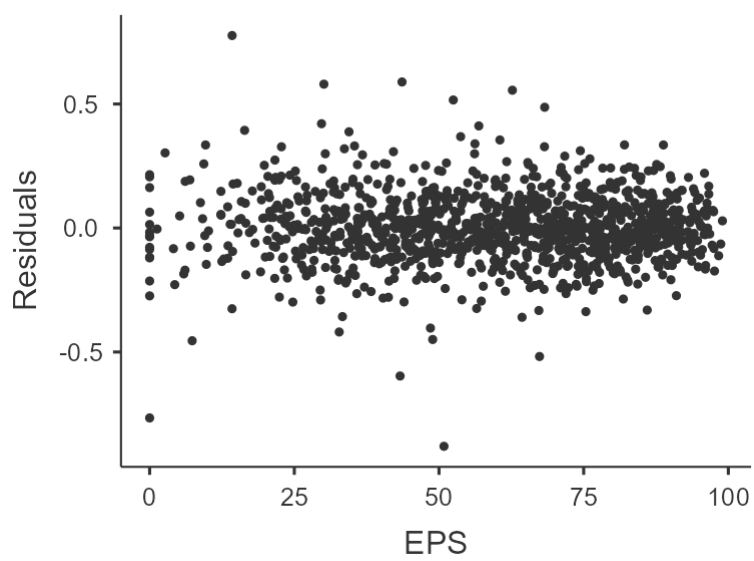
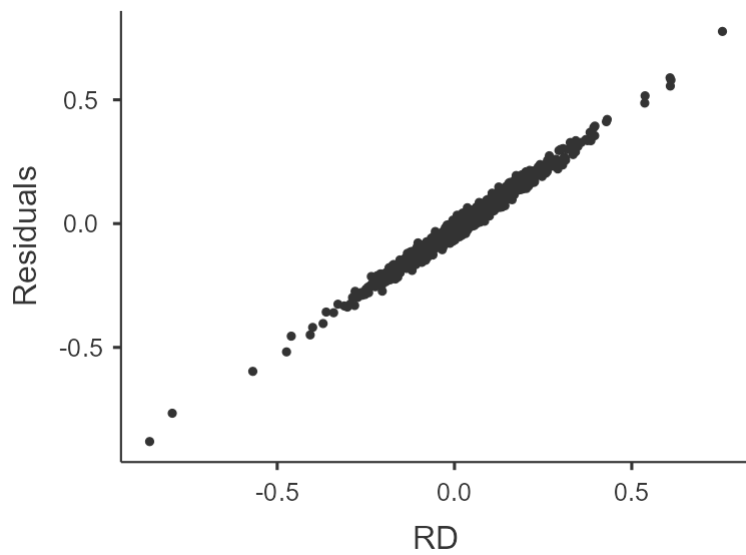
Statistic	p
0.96458	< .00001

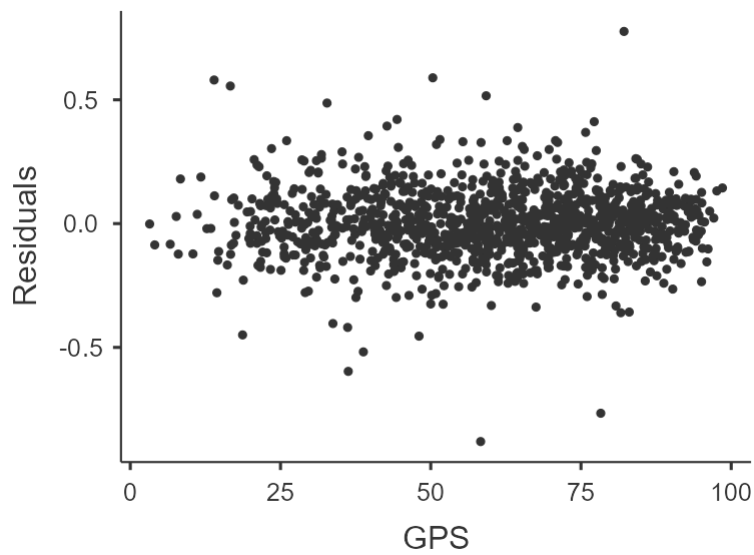
### Q-Q Plot



#### 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>.