

# Results

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>	Overall Model Test			
			F	df1	df2	p
1	0.09070	0.00823	3.28219	3	1187	0.02025

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	-0.05687	0.01673	-3.39843	0.00070
EPS	0.00062	0.00025	2.46839	0.01371
SPS	0.00001	0.00029	0.01748	0.98606
GPS	-0.00022	0.00022	-0.99735	0.31880

### Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.05897	1.88156	0.04400

[3]

Collinearity Statistics

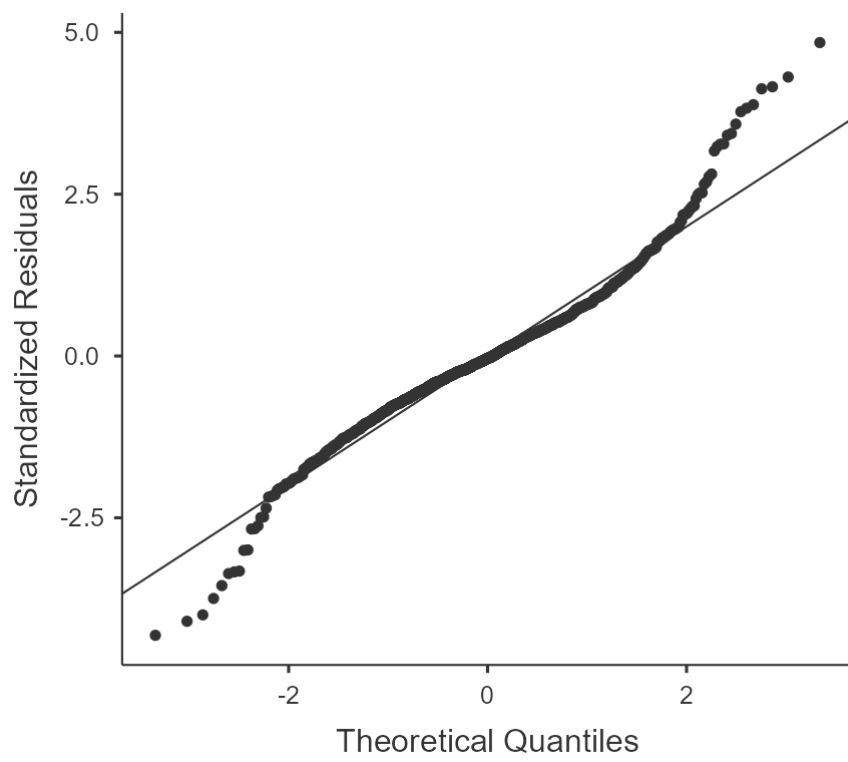
	VIF	Tolerance
EPS	1.81036	0.55238
SPS	1.83172	0.54594
GPS	1.17028	0.85450

[3]

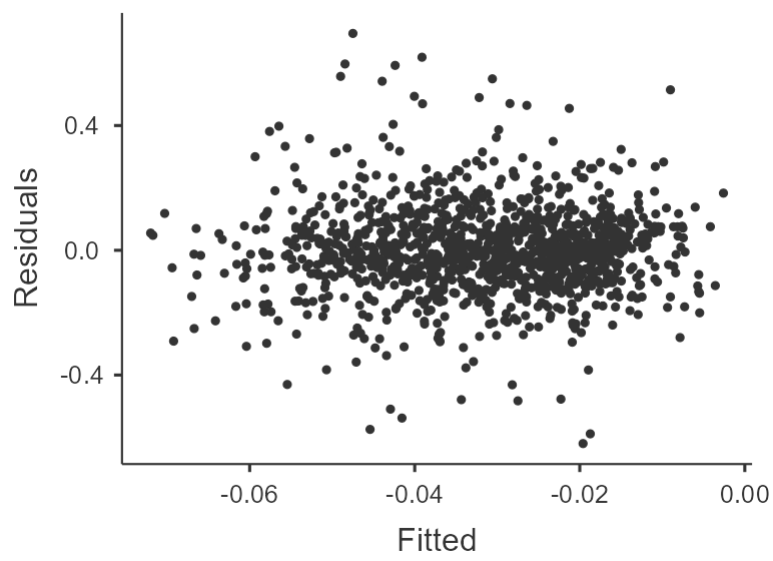
Normality Test (Shapiro-Wilk)

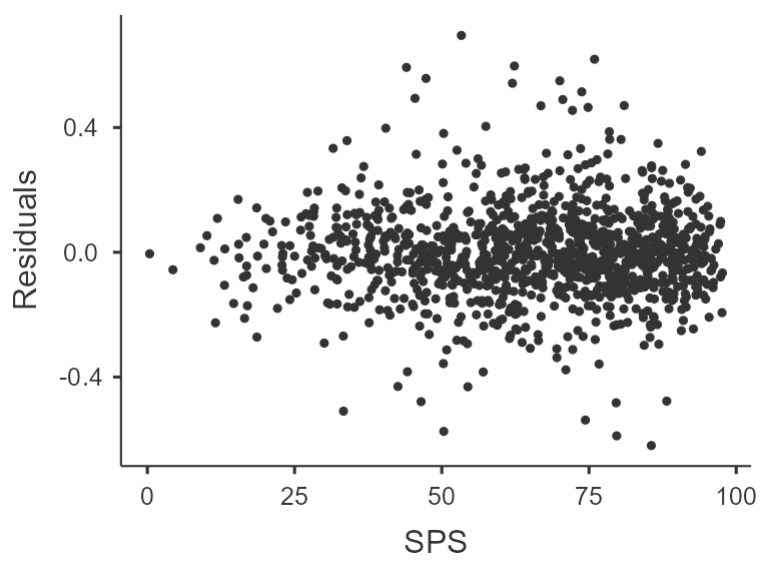
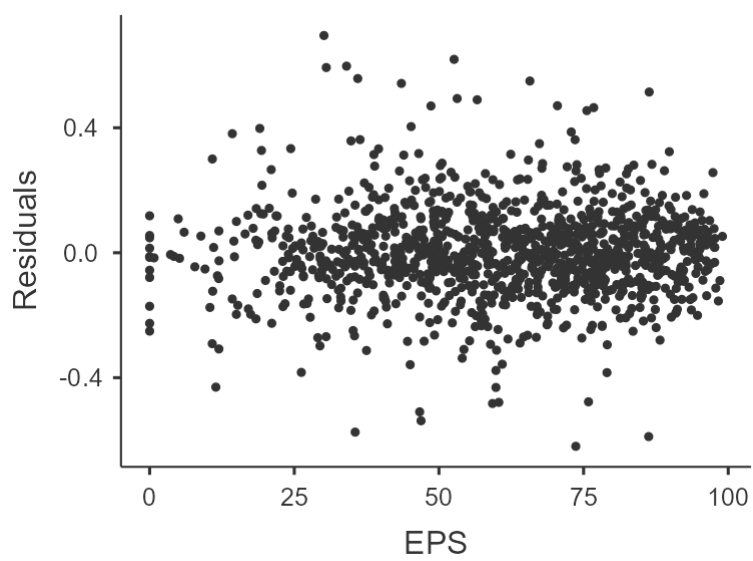
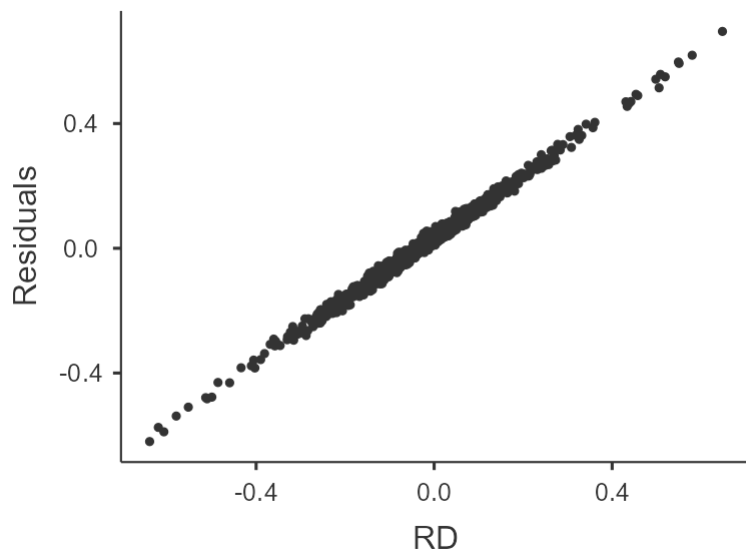
Statistic	p
0.96114	< .00001

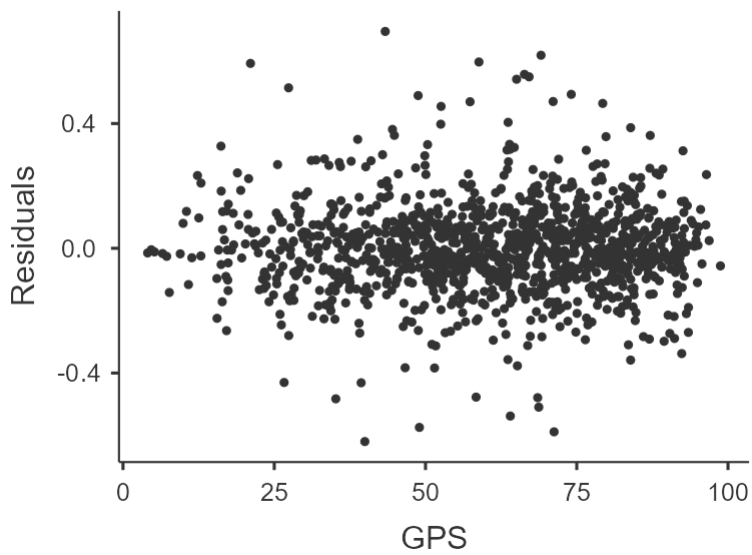
### Q-Q Plot



### 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>.