

# Results

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>	Overall Model Test			
			F	df1	df2	p
1	0.04038	0.00163	0.64624	3	1187	0.58538

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	0.10480	0.01640	6.38814	< .00001
EPS	0.00034	0.00025	1.34596	0.17857
SPS	-0.00030	0.00030	-1.00260	0.31626
GPS	-0.00009	0.00023	-0.39771	0.69092

### Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.00522	1.98928	0.83600

[3]

Collinearity Statistics

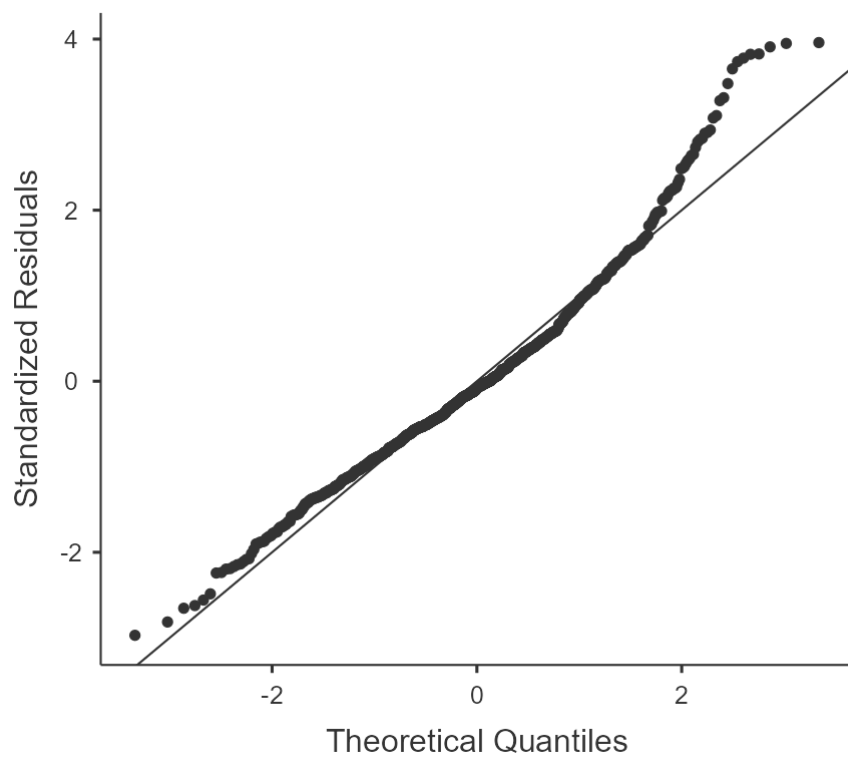
	VIF	Tolerance
EPS	1.94892	0.51310
SPS	1.99389	0.50153
GPS	1.21712	0.82161

[3]

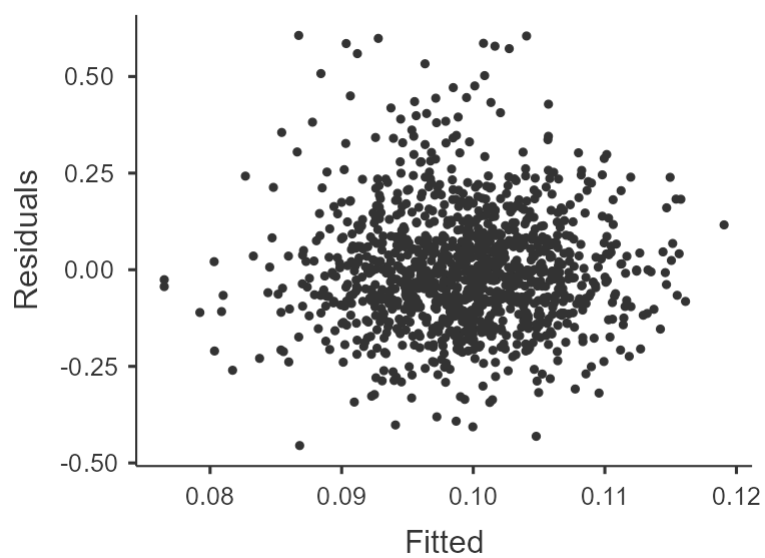
Normality Test (Shapiro-Wilk)

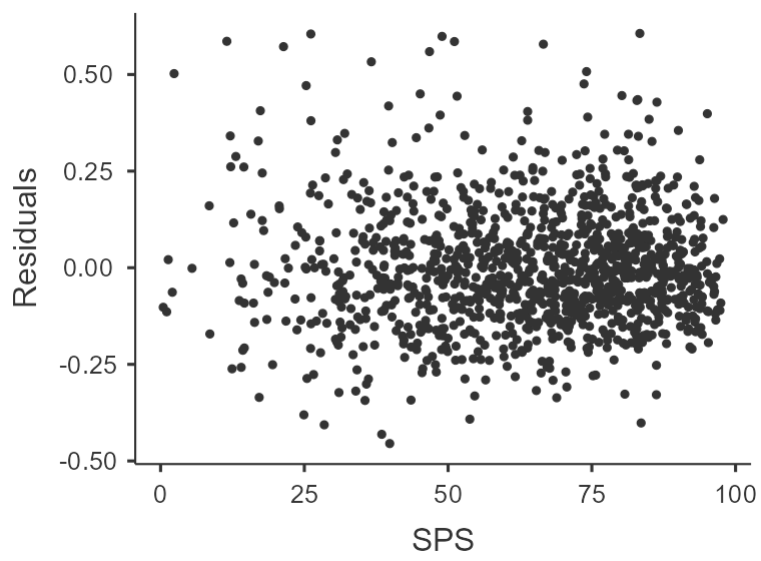
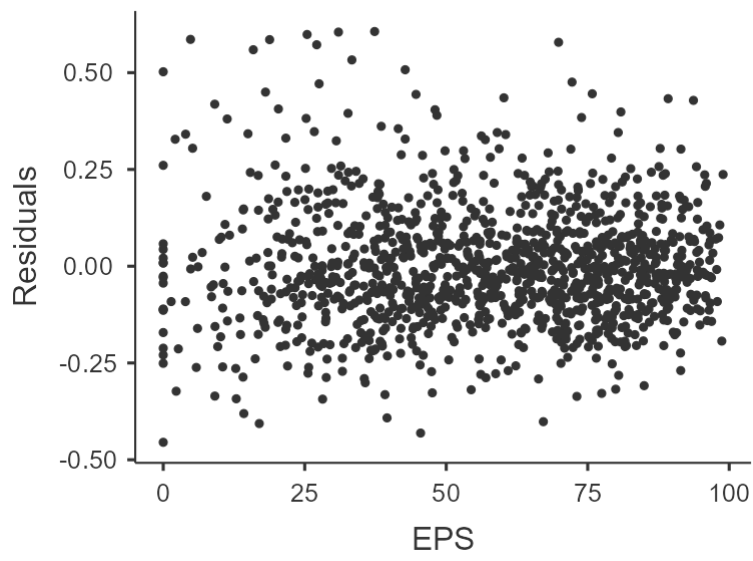
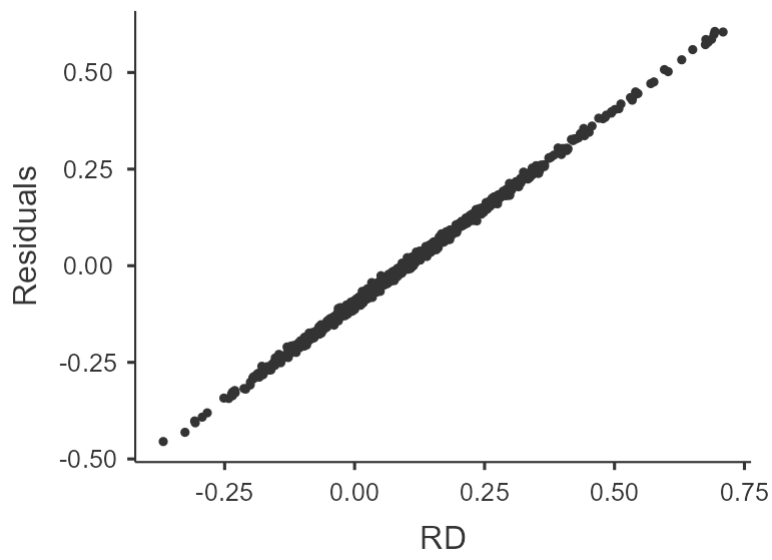
Statistic	p
0.97178	< .00001

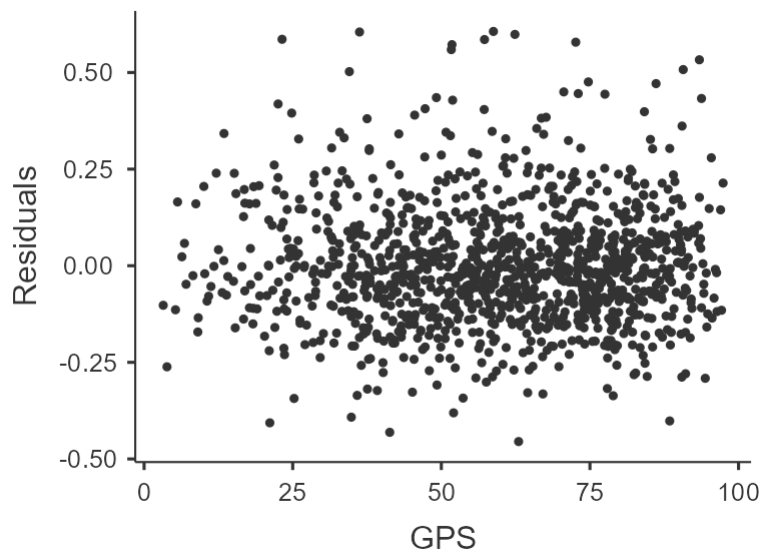
### Q-Q Plot



### 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>.