

# Results

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>	Overall Model Test			
			F	df1	df2	p
1	0.18064	0.03263	13.33493	3	1186	< .00001

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	0.27920	0.02265	12.32592	< .00001
EPS	-0.00132	0.00038	-3.49531	0.00049
SPS	-0.00079	0.00046	-1.72558	0.08468
GPS	0.00100	0.00035	2.85429	0.00439

### Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.06052	1.87886	0.03600

[3]

Collinearity Statistics

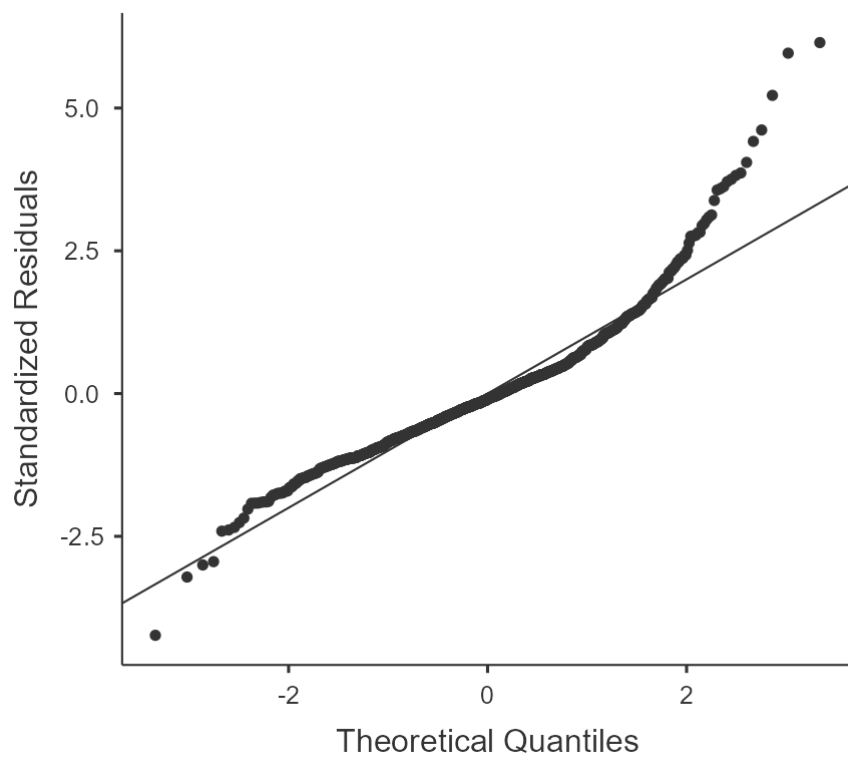
	VIF	Tolerance
EPS	2.10625	0.47478
SPS	2.14187	0.46688
GPS	1.27158	0.78642

[3]

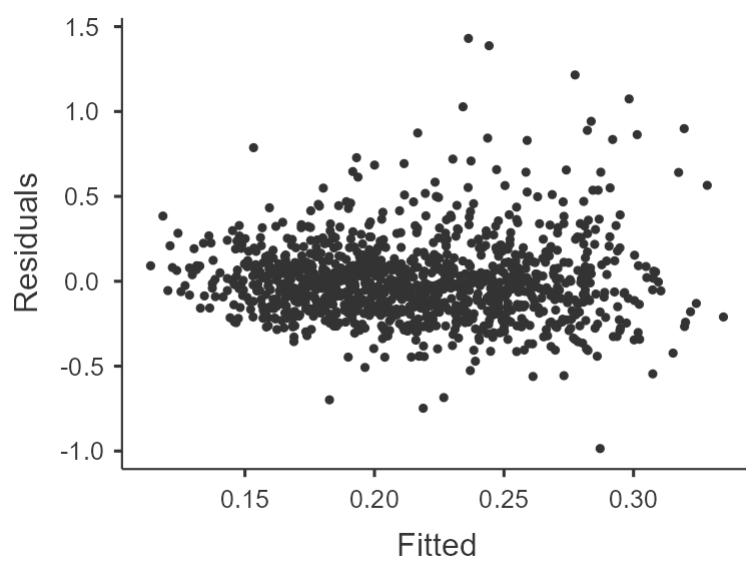
Normality Test (Shapiro-Wilk)

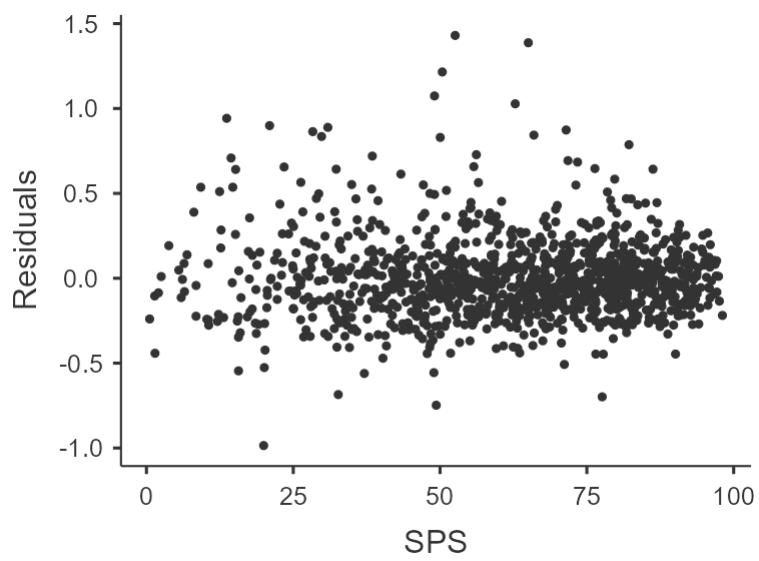
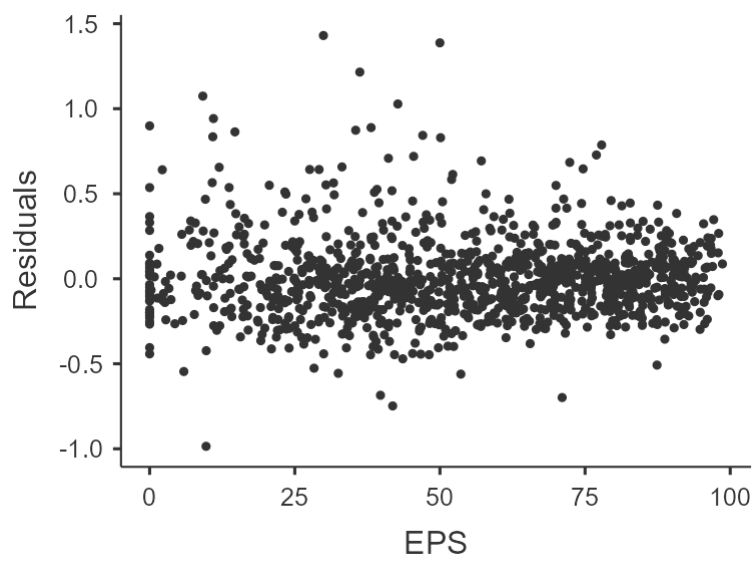
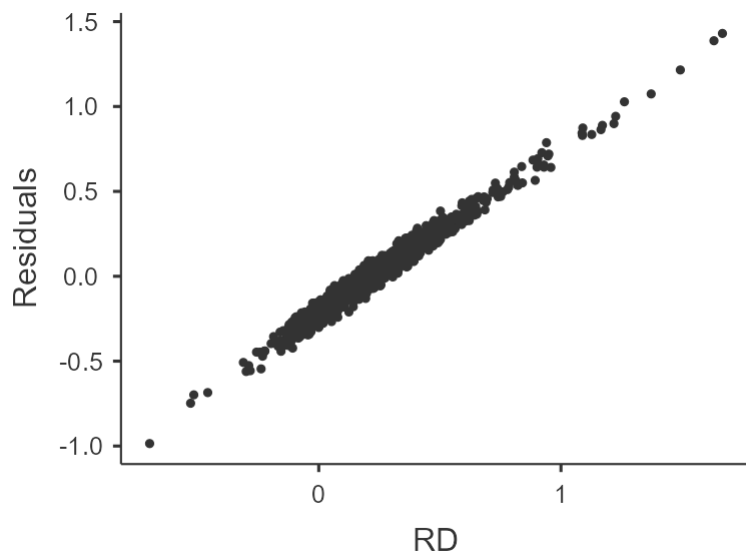
Statistic	p
0.92870	< .00001

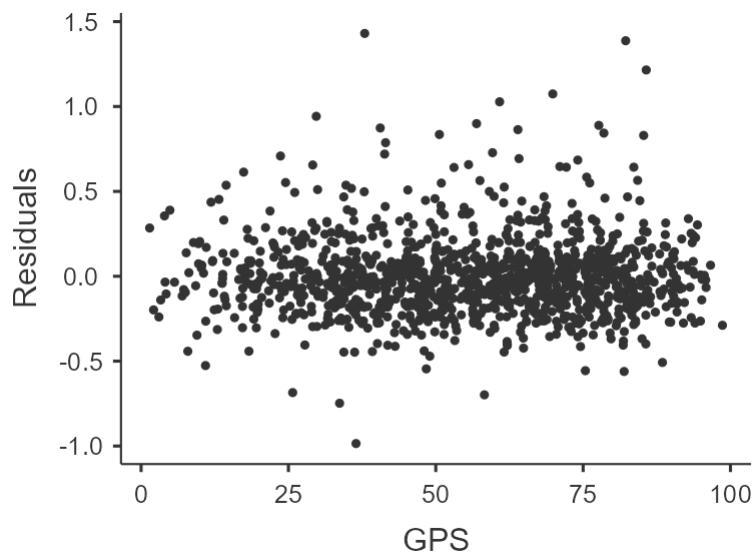
### Q-Q Plot



### 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>.