Results

Linear Regression

Model Fit Measures

			Overall Model Test			
Model	**R**	**R^2**	**F**	**df1**	**df2**	**p**
1	0.06415	0.00412	1.63906	3	1190	0.17857

Model Coefficients - RD

Predictor	**Estimate**	**SE**	**t**	**p**
Intercept	0.10971	0.01458	7.52626	< .00001
EPS	-0.00041	0.00024	-1.69722	0.08992
SPS	0.00006	0.00029	0.19483	0.84556
GPS	0.00002	0.00023	0.10364	0.91747

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	**DW Statistic**	**p**
-0.00034	1.99878	0.96200

[3]

Collinearity Statistics

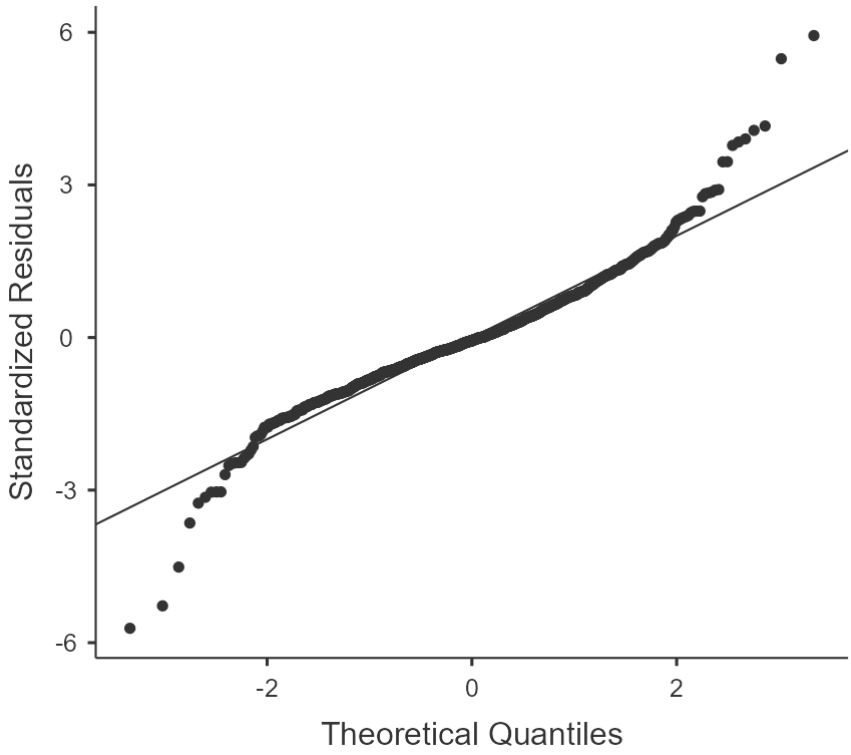
	VIF	**Tolerance**
EPS	2.09423	0.47750
SPS	2.14179	0.46690
GPS	1.27494	0.78435

[3]

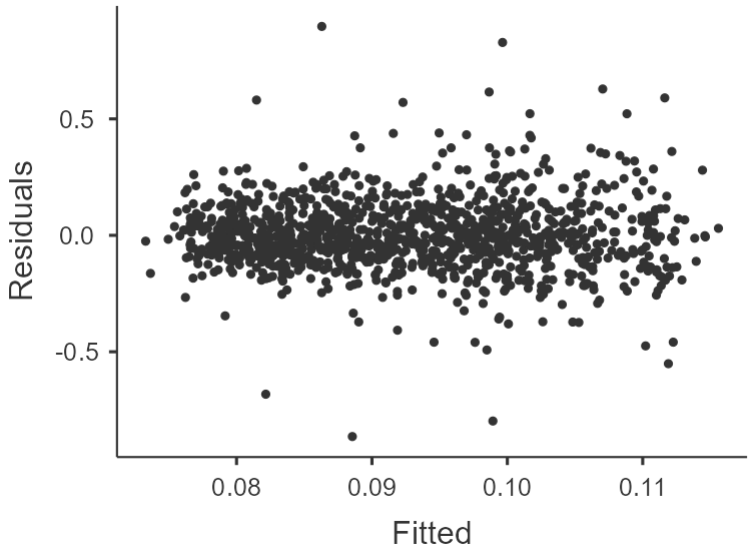
Normality Test (Shapiro-Wilk)

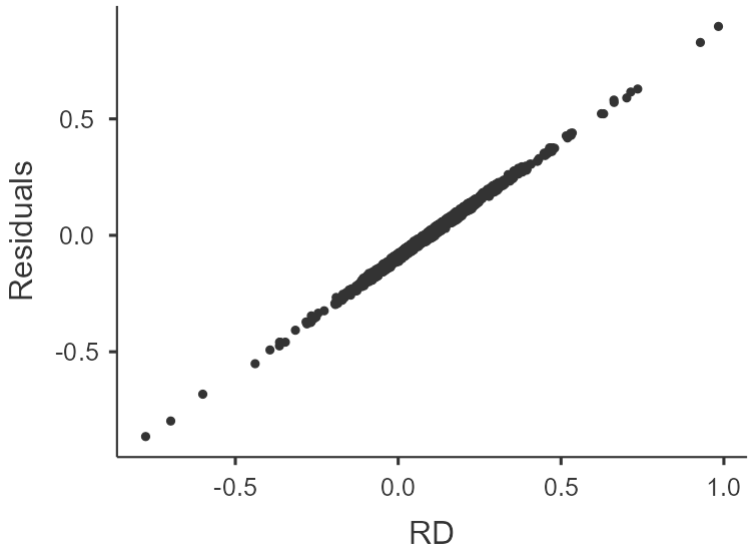
Statistic	**p**
0.94912	< .00001

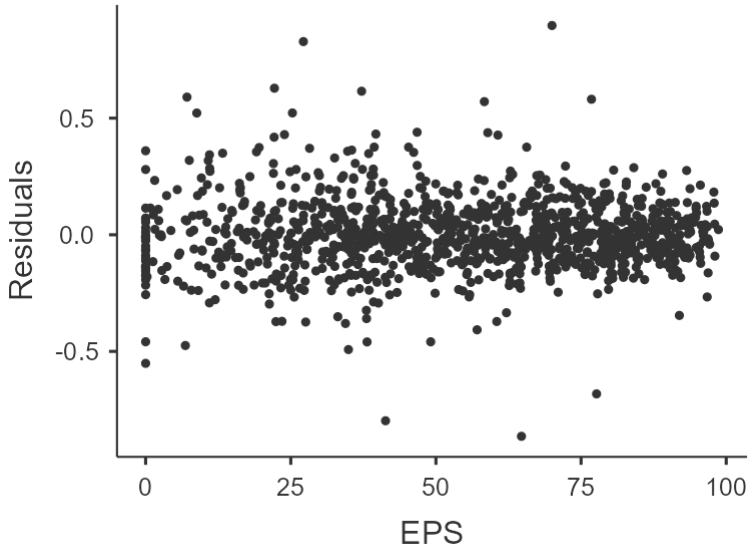
Q-Q Plot

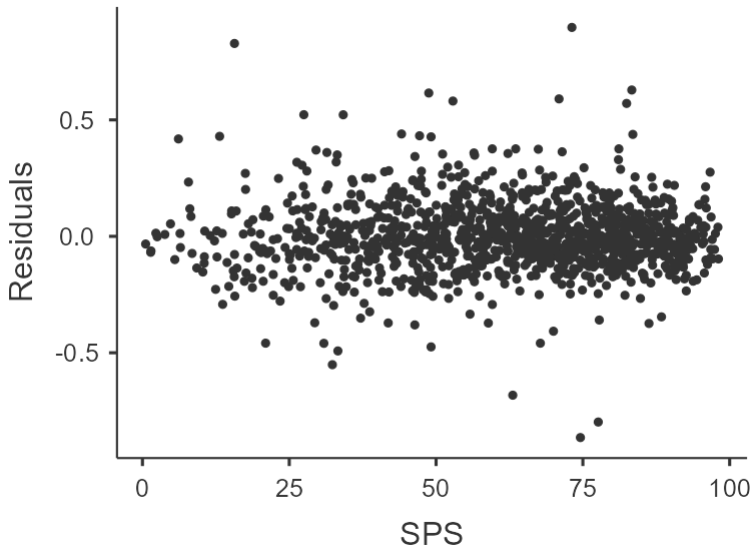


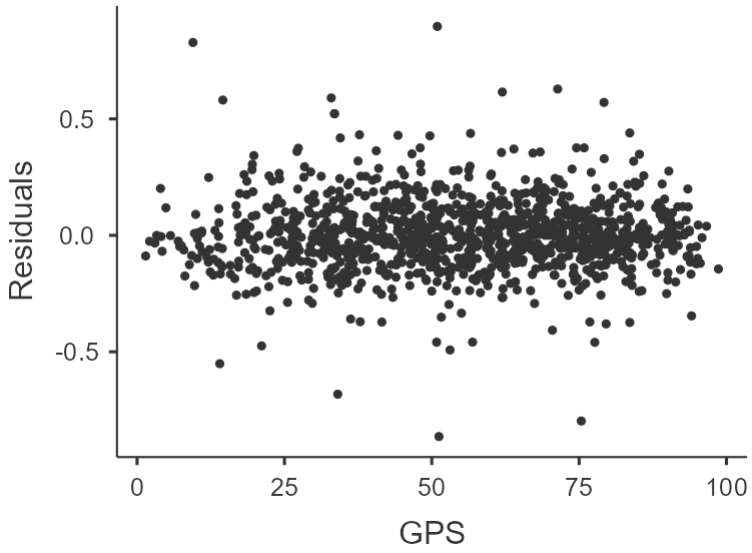
Residuals Plots




Residuals
0.5
0.0
-0.5
-0.5
0.0
0.5
1.0
RD


Residuals
0.5
0.0
-0.5
0
25
50
75
100
EPS


Residuals
0.5
0.0
-0.5
0
25
50
75
100
SPS



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.