Results

Linear Regression

Model Fit Measures

			Overall Model Test			
Model	**R**	**R^2**	**F**	**df1**	**df2**	**p**
1	0.03339	0.00111	0.44200	3	1188	0.72301

Model Coefficients - RD

Predictor	**Estimate**	**SE**	**t**	**p**
Intercept	0.02721	0.01440	1.88964	0.05905
EPS	0.00003	0.00022	0.12224	0.90273
SPS	0.00021	0.00027	0.79369	0.42753
GPS	-0.00006	0.00021	-0.29764	0.76603

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	**DW Statistic**	**p**
0.02328	1.95308	0.44600

[3]

Collinearity Statistics

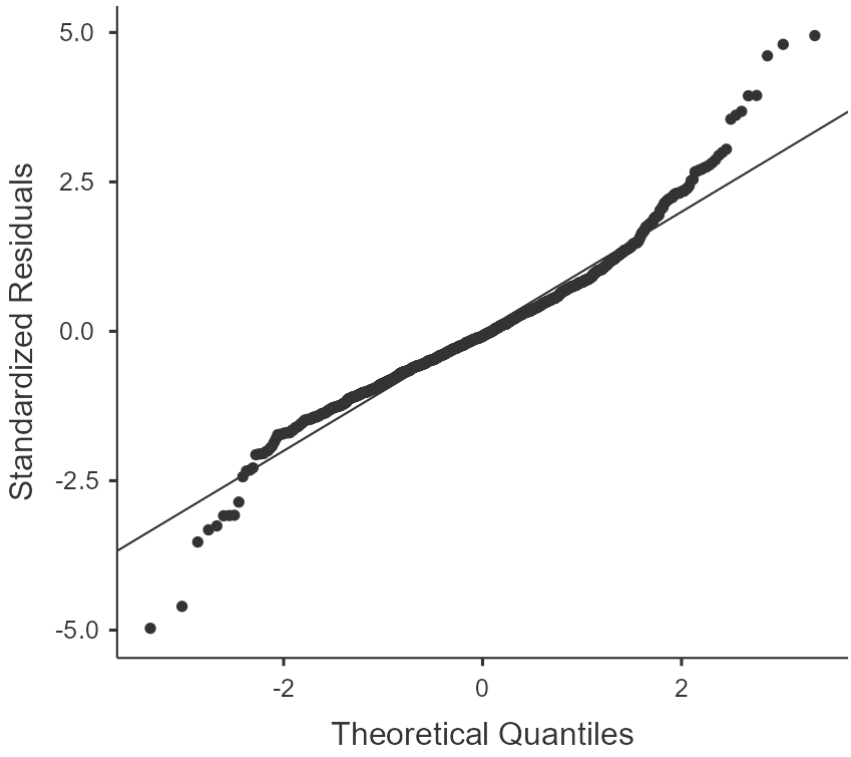
	VIF	**Tolerance**
EPS	1.95762	0.51082
SPS	2.00539	0.49866
GPS	1.22100	0.81900

[3]

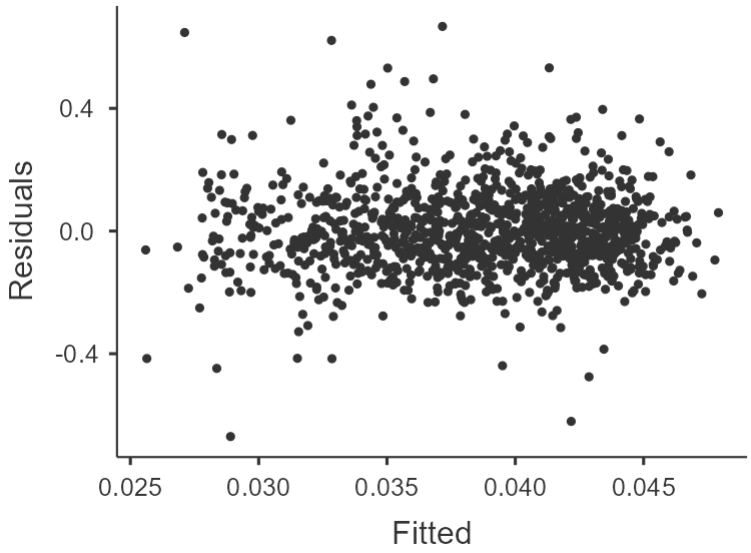
Normality Test (Shapiro-Wilk)

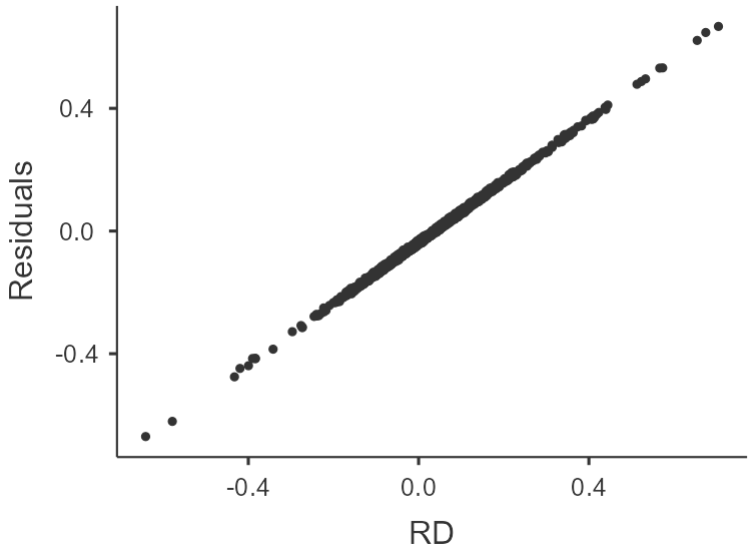
Statistic	**p**
0.96177	< .00001

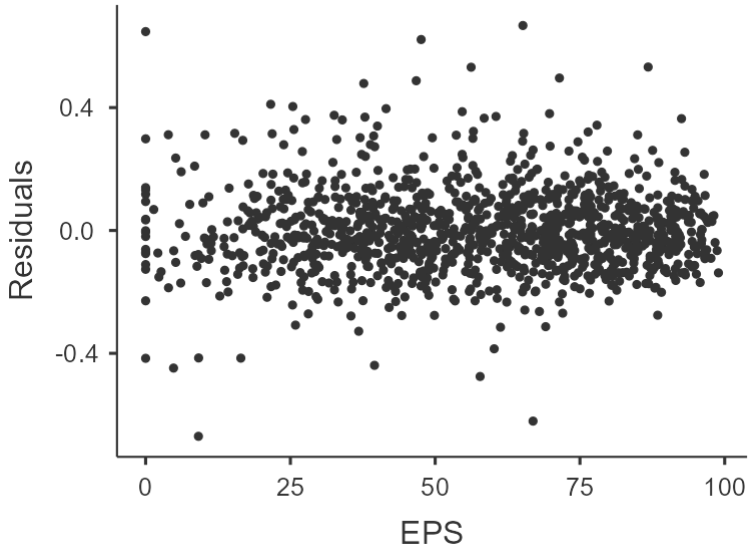
Q-Q Plot

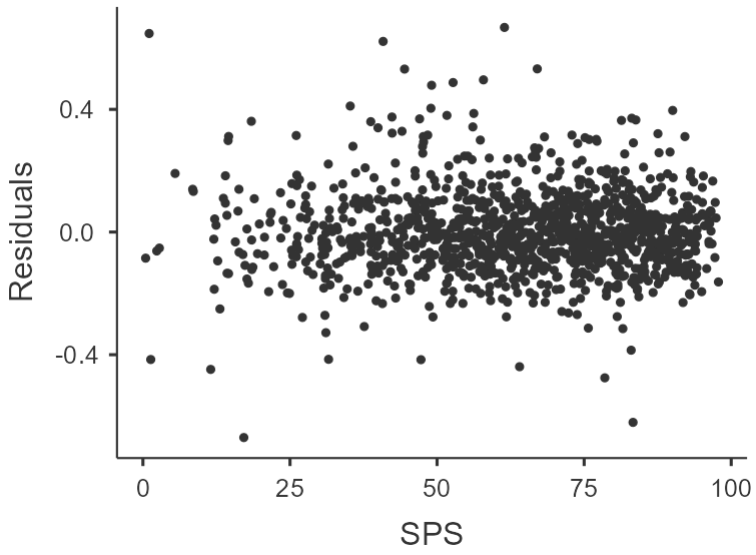


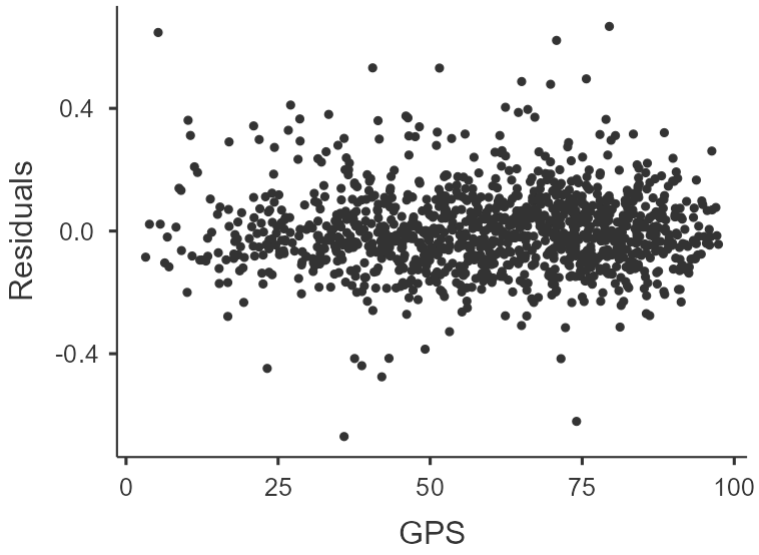
Residuals Plots




Residuals
0.4
0.0
-0.4
-0.4
0.0
0.4
RD


Residuals
0.4
0.0
-0.4
0
25
50
75
100
EPS


Residuals
0.4
0.0
-0.4
0
25
50
75
100
SPS



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[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).

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