Results

Linear Regression

Model Fit Measures

			Overall Model Test			
Model	**R**	**R^2**	**F**	**df1**	**df2**	**p**
1	0.10152	0.01031	4.13047	3	1190	0.00633

Model Coefficients - RD

Predictor	**Estimate**	**SE**	**t**	**p**
Intercept	0.07187	0.01914	3.75542	0.00018
EPS	0.00087	0.00029	3.03747	0.00244
SPS	-0.00054	0.00033	-1.63210	0.10292
GPS	0.00027	0.00025	1.07811	0.28121

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	**DW Statistic**	**p**
0.05126	1.89646	0.06600

[3]

Collinearity Statistics

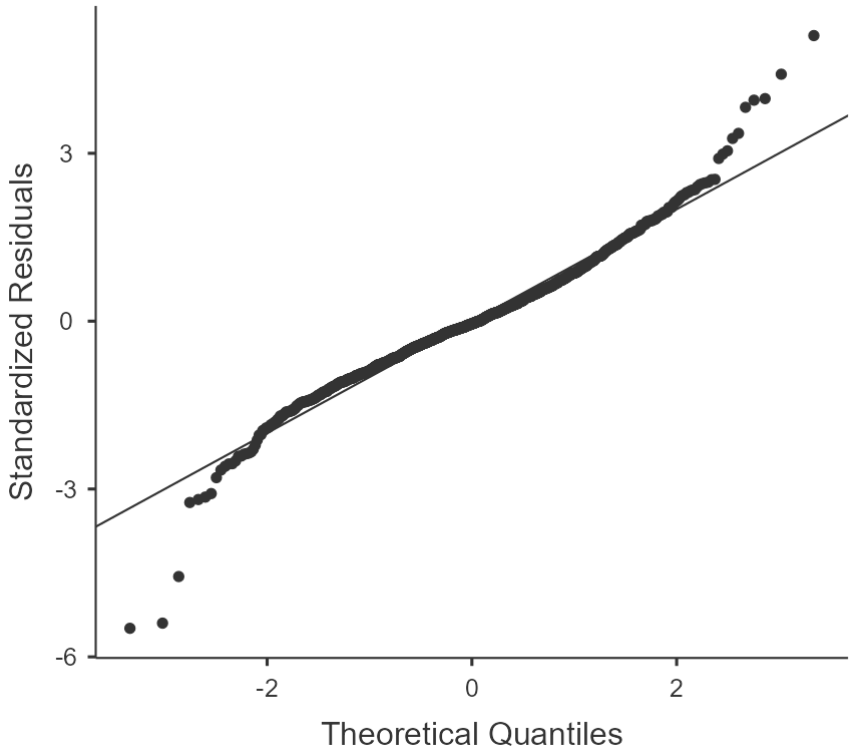
	VIF	**Tolerance**
EPS	1.81869	0.54985
SPS	1.84972	0.54062
GPS	1.17173	0.85344

[3]

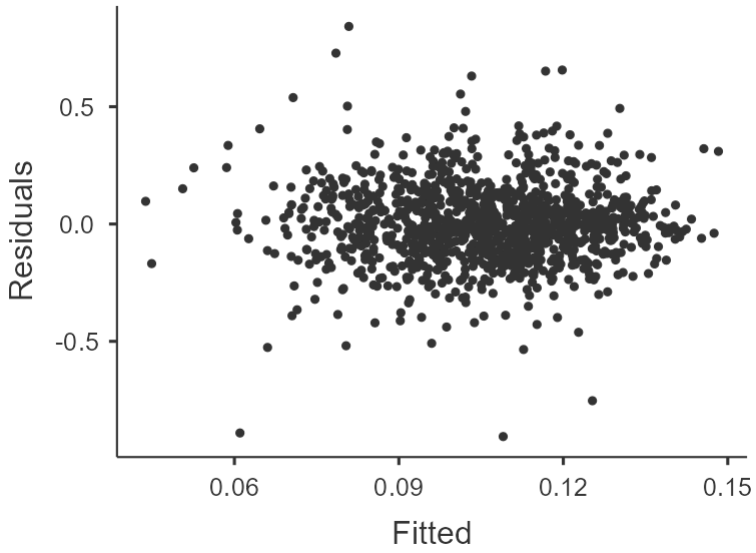
Normality Test (Shapiro-Wilk)

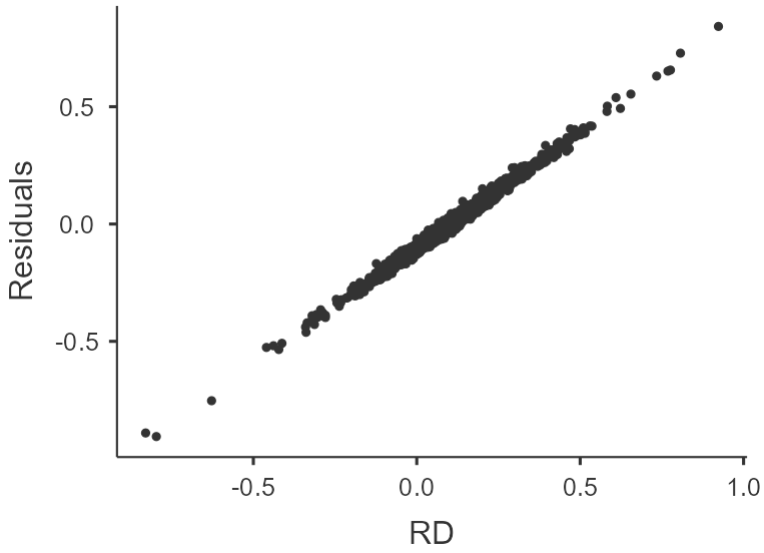
Statistic	**p**
0.96829	< .00001

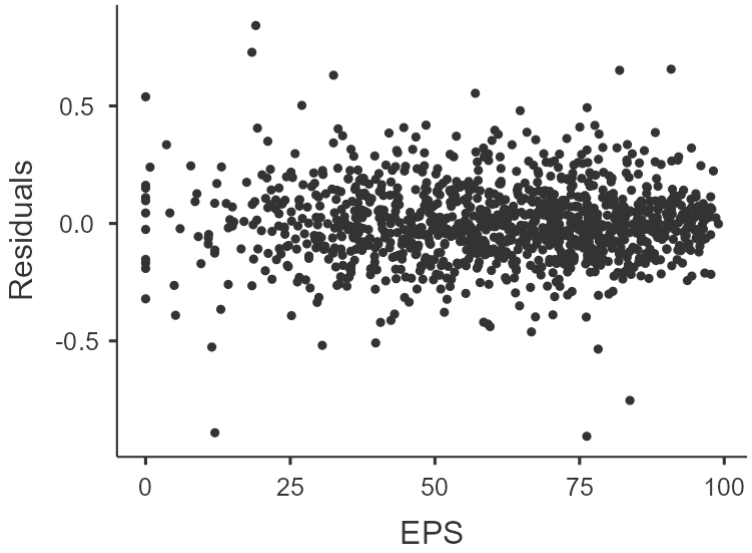
Q-Q Plot

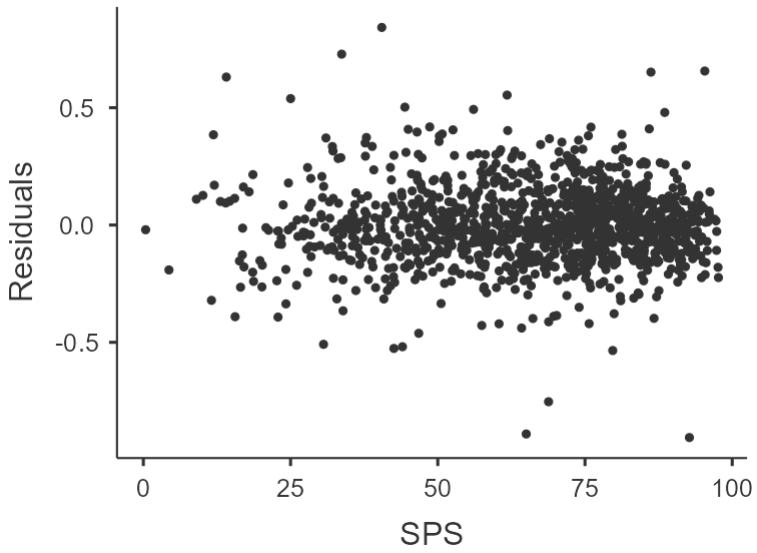


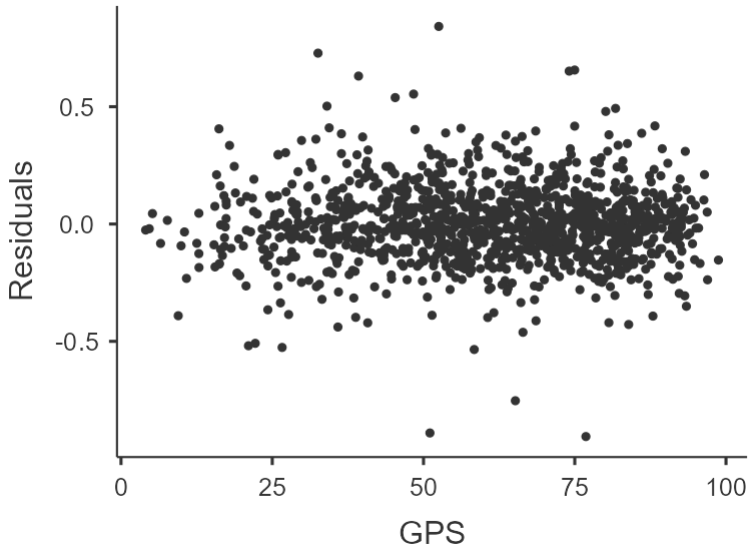
Residuals Plots




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



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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).

[3] Fox, J., & Weisberg, S. (2020). *car: Companion to Applied Regression*. [R package]. Retrieved from https://cran.r-project.org/package=car.