Results

Linear Regression

Model Fit Measures

			Overall Model Test			
Model	**R**	**R^2**	**F**	**df1**	**df2**	**p**
1	0.08236	0.00678	2.70876	3	1190	0.04395

Model Coefficients - MDD

Predictor	**Estimate**	**SE**	**t**	**p**
Intercept	-0.46884	0.01367	-34.29719	< .00001
EPS	-0.00037	0.00023	-1.61826	0.10587
SPS	0.00077	0.00027	2.78866	0.00538
GPS	-0.00025	0.00021	-1.17199	0.24143

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	**DW Statistic**	**p**
0.04179	1.91580	0.13800

[3]

Collinearity Statistics

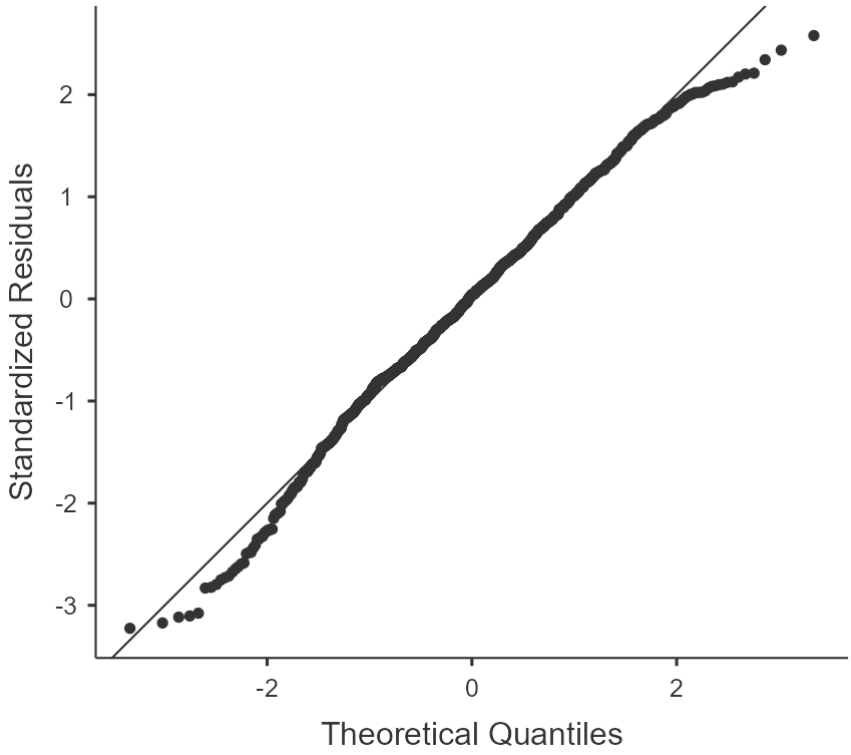
	VIF	**Tolerance**
EPS	2.09530	0.47726
SPS	2.13034	0.46941
GPS	1.26868	0.78822

[3]

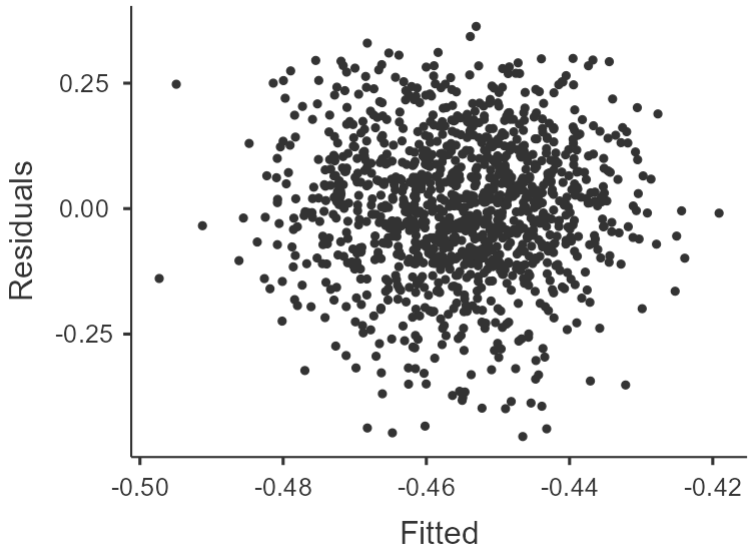
Normality Test (Shapiro-Wilk)

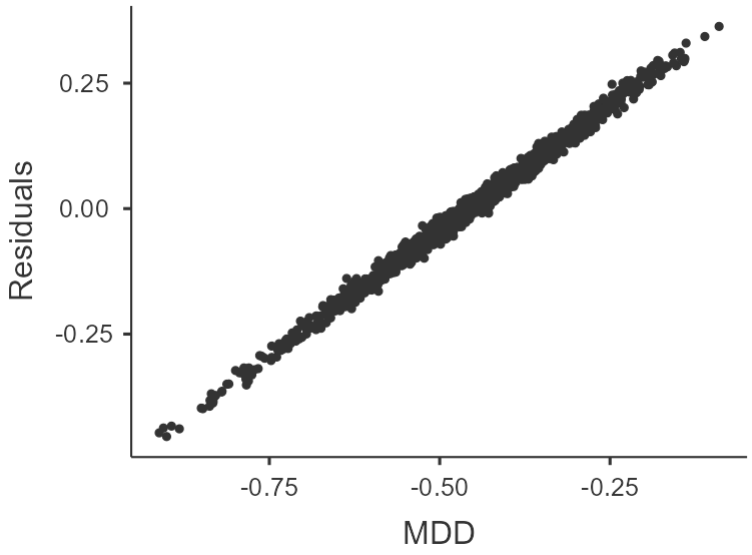
Statistic	**p**
0.99329	0.00003

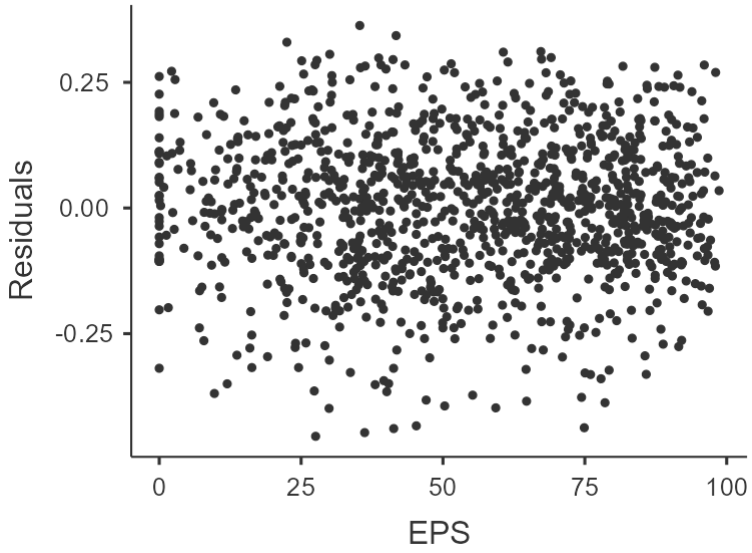
Q-Q Plot

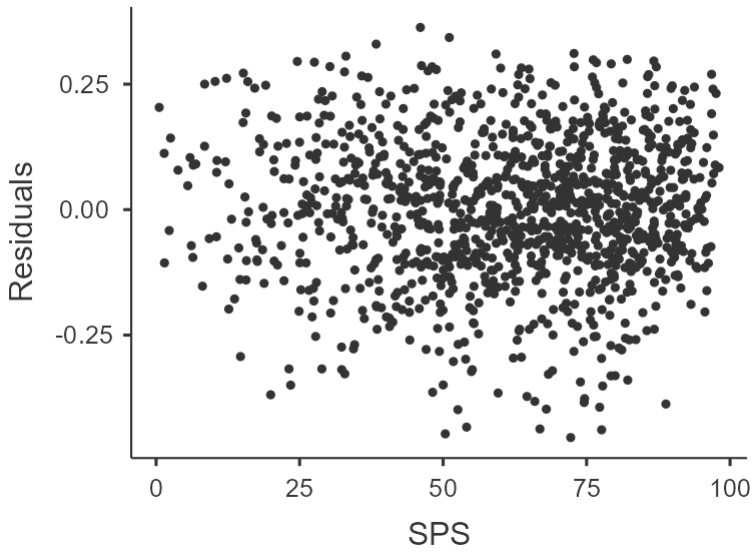


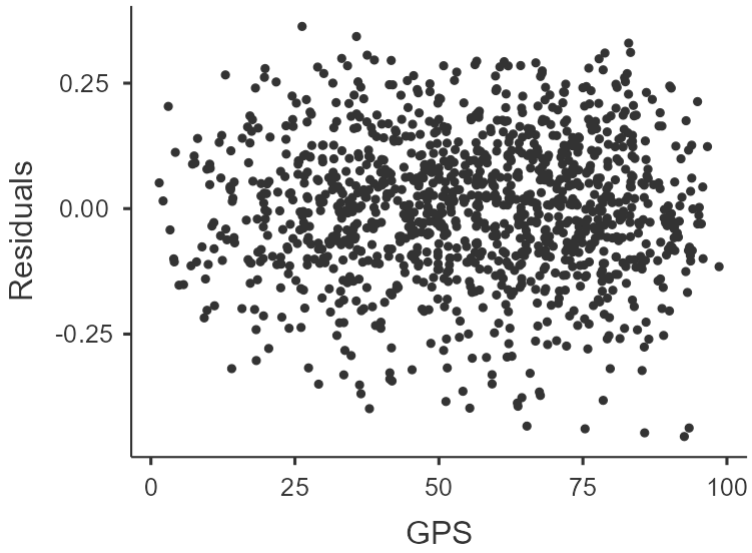
Residuals Plots




Residuals
0.25
0.00
-0.25
-0.75
-0.50
-0.25
MDD


Residuals
0.25
0.00
-0.25
0
25
50
75
100
EPS


Residuals
0.25
0.00
-0.25
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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