Results

Linear Regression

Model Fit Measures

			Overall Model Test			
Model	**R**	**R^2**	**F**	**df1**	**df2**	**p**
1	0.20162	0.04065	16.80825	3	1190	< .00001

Model Coefficients - log_MDD

Predictor	**Estimate**	**SE**	**t**	**p**
Intercept	-2.18691	0.05425	-40.31358	< .00001
EPS	-0.00466	0.00095	-4.90504	< .00001
SPS	-0.00030	0.00115	-0.25910	0.79561
GPS	0.00072	0.00089	0.80602	0.42039

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	**DW Statistic**	**p**
0.00722	1.98378	0.72800

[3]

Collinearity Statistics

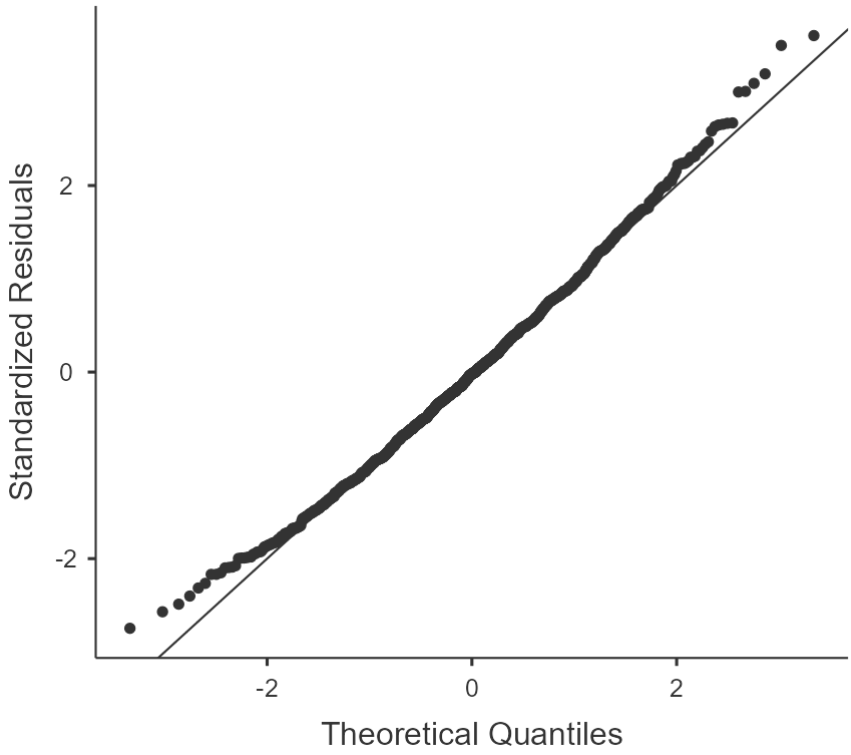
	VIF	**Tolerance**
EPS	2.15270	0.46453
SPS	2.16746	0.46137
GPS	1.31461	0.76068

[3]

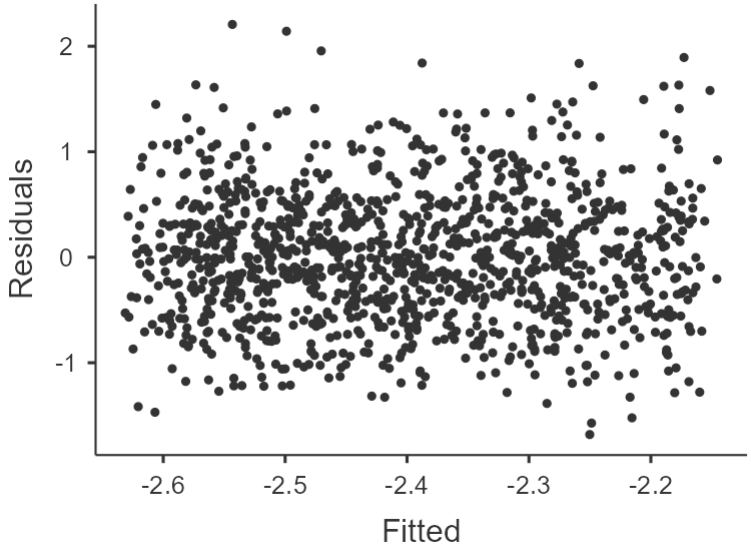
Normality Test (Shapiro-Wilk)

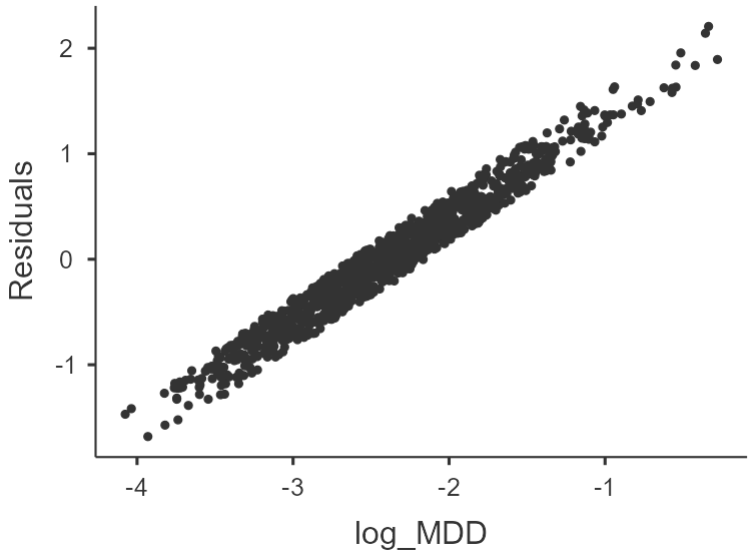
Statistic	**p**
0.99536	0.00103

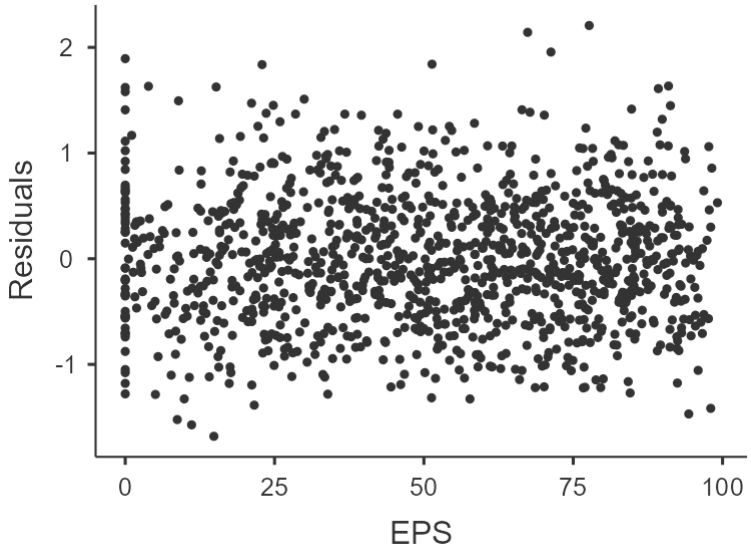
Q-Q Plot

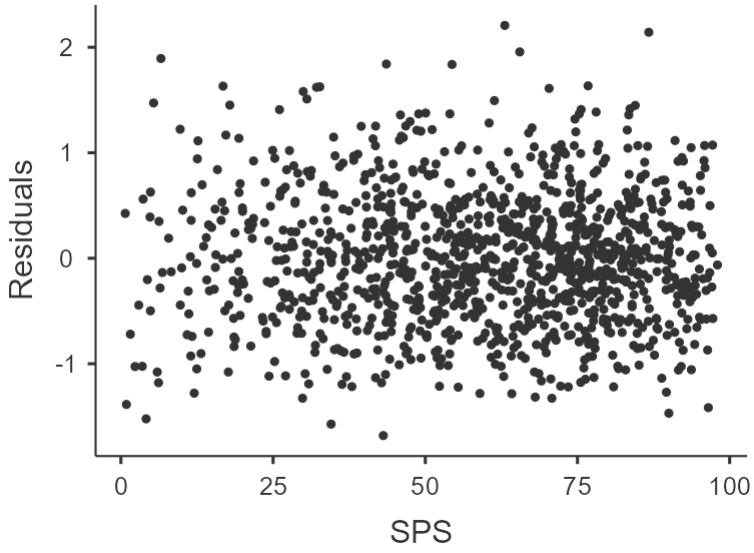


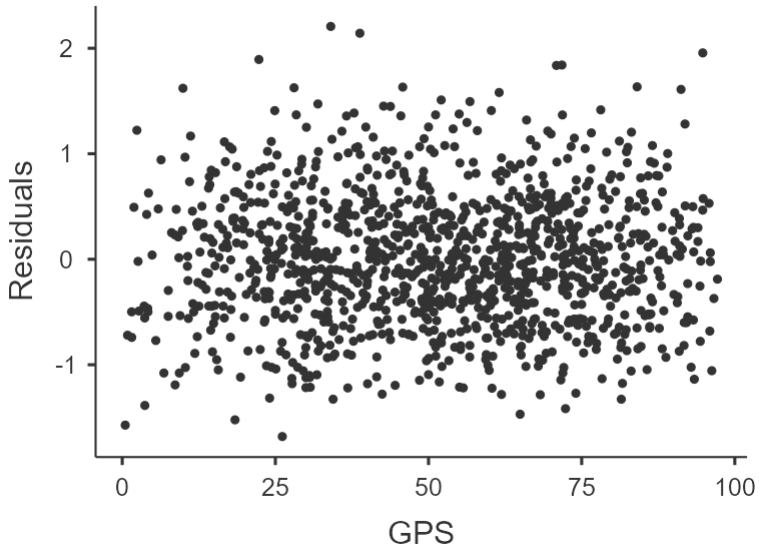
Residuals Plots




Residuals
2
1
0
-1
-4
-3
-2
-1
log_MDD


Residuals
2
1
0
-1
0
25
50
75
100
EPS


Residuals
2
1
0
-1
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.