Results

Linear Regression

Model Fit Measures

			Overall Model Test			
Model	**R**	**R^2**	**F**	**df1**	**df2**	**p**
1	0.05195	0.00270	1.06895	3	1185	0.36125

Model Coefficients - log_MDD

Predictor	**Estimate**	**SE**	**t**	**p**
Intercept	-1.99364	0.04473	-44.56871	< .00001
EPS	-0.00048	0.00070	-0.69186	0.48916
SPS	-0.00068	0.00083	-0.82051	0.41209
GPS	0.00058	0.00064	0.90144	0.36754

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	**DW Statistic**	**p**
-0.01768	2.03522	0.59600

[3]

Collinearity Statistics

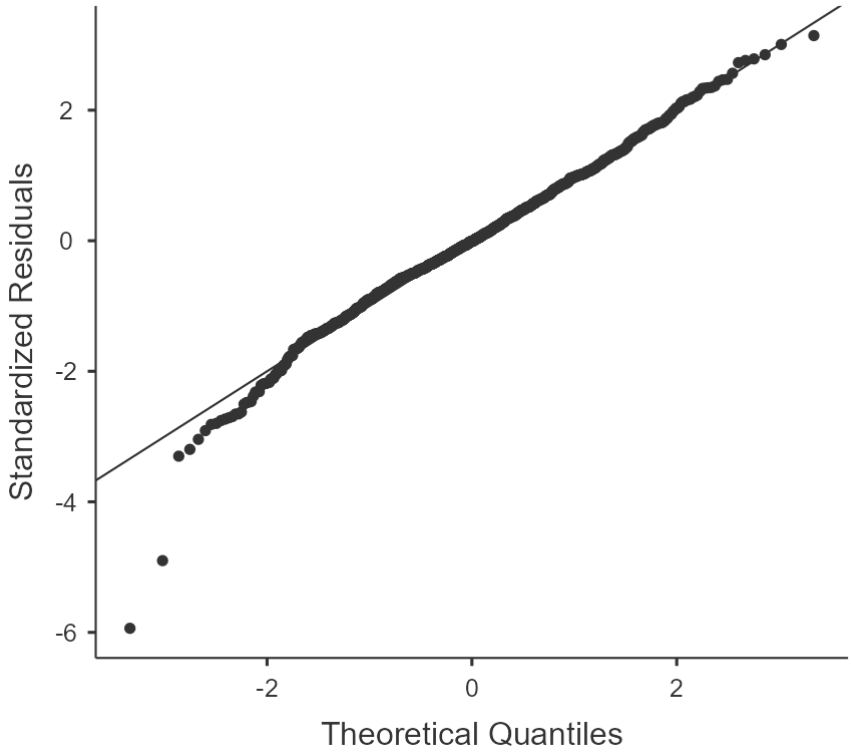
	VIF	**Tolerance**
EPS	1.98171	0.50461
SPS	2.02327	0.49425
GPS	1.22281	0.81779

[3]

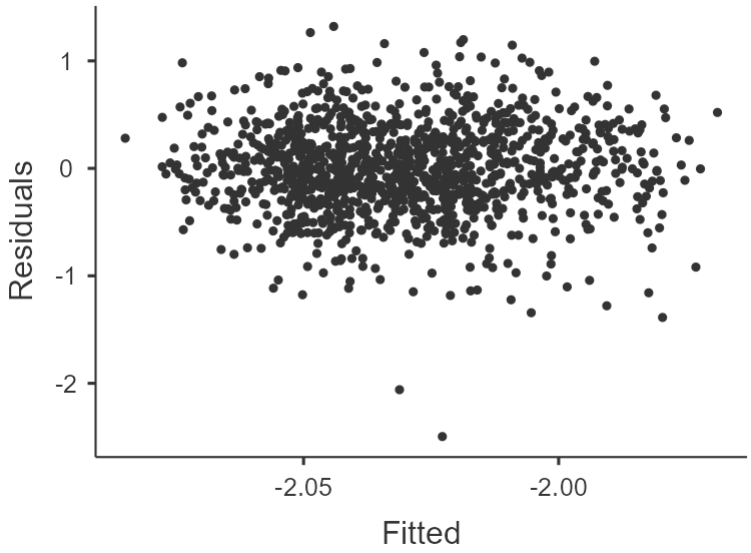
Normality Test (Shapiro-Wilk)

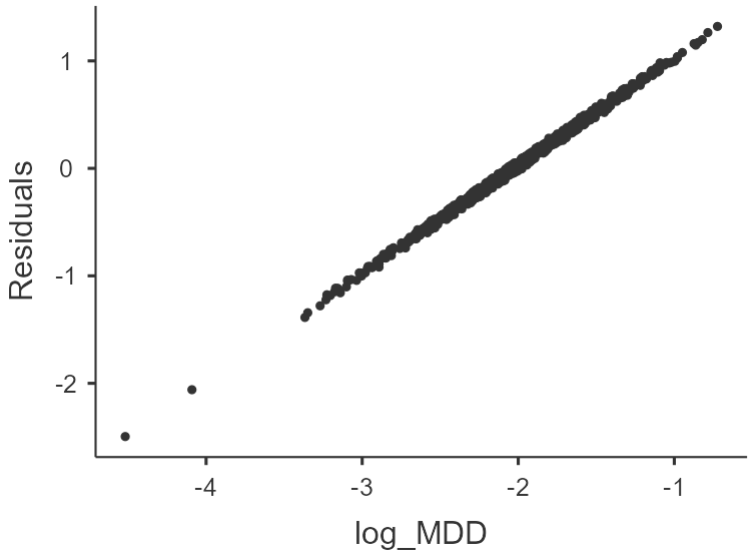
Statistic	**p**
0.98676	< .00001

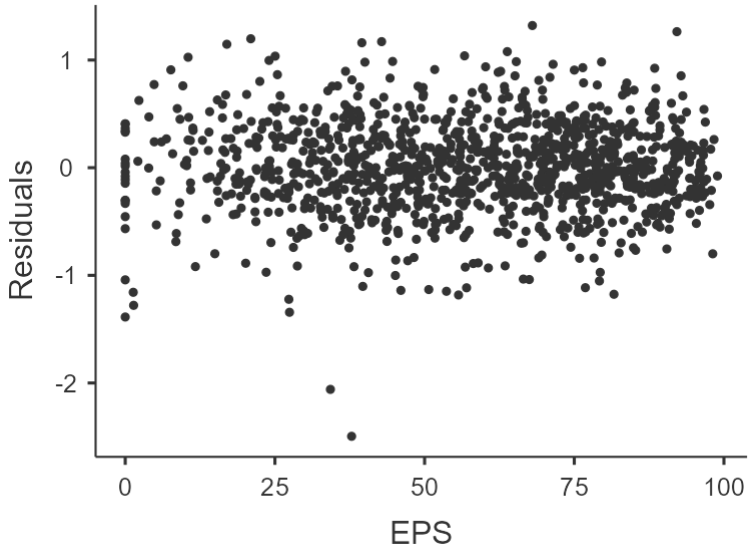
Q-Q Plot

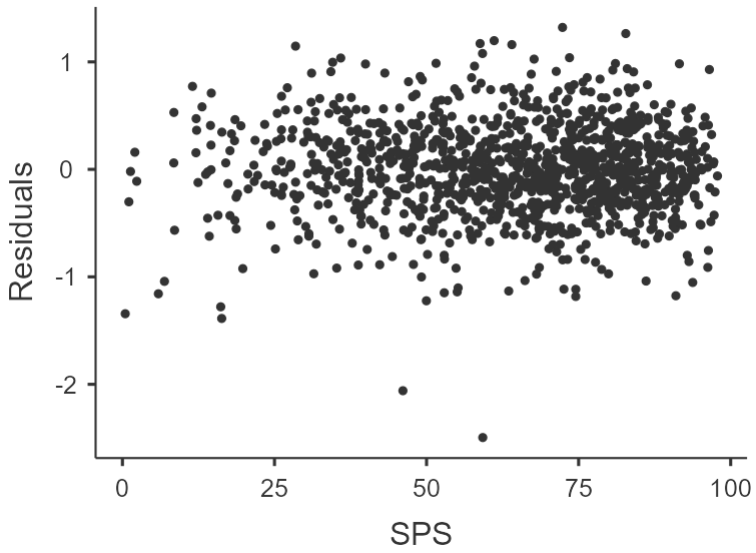


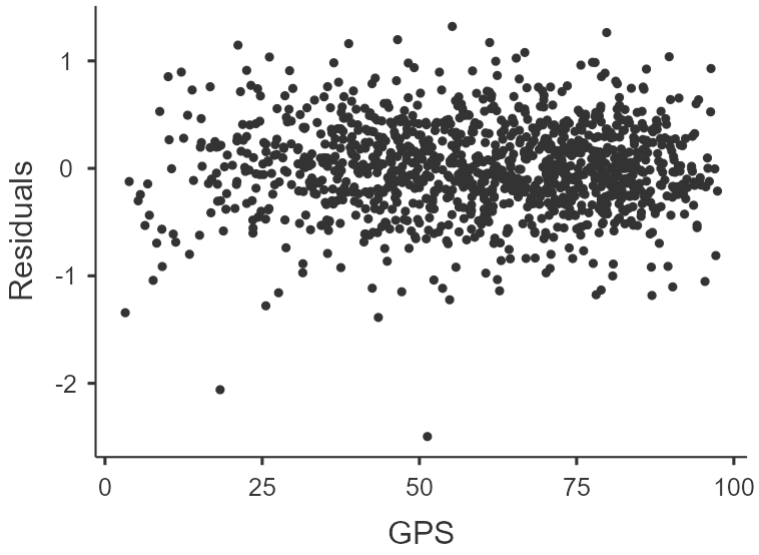
Residuals Plots




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


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


Residuals
1
0
-1
-2
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.