

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.22927	0.05256	21.98839	3	1189	< .00001

Model Coefficients - log_MDD

Predictor	Estimate	SE	t	p
Intercept	-1.86503	0.05948	-31.35462	< .00001
EPS	-0.00485	0.00089	-5.44581	< .00001
SPS	-0.00109	0.00103	-1.05319	0.29247
GPS	0.00055	0.00079	0.69917	0.48458

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.02962	1.93974	0.32200

[3]

Collinearity Statistics

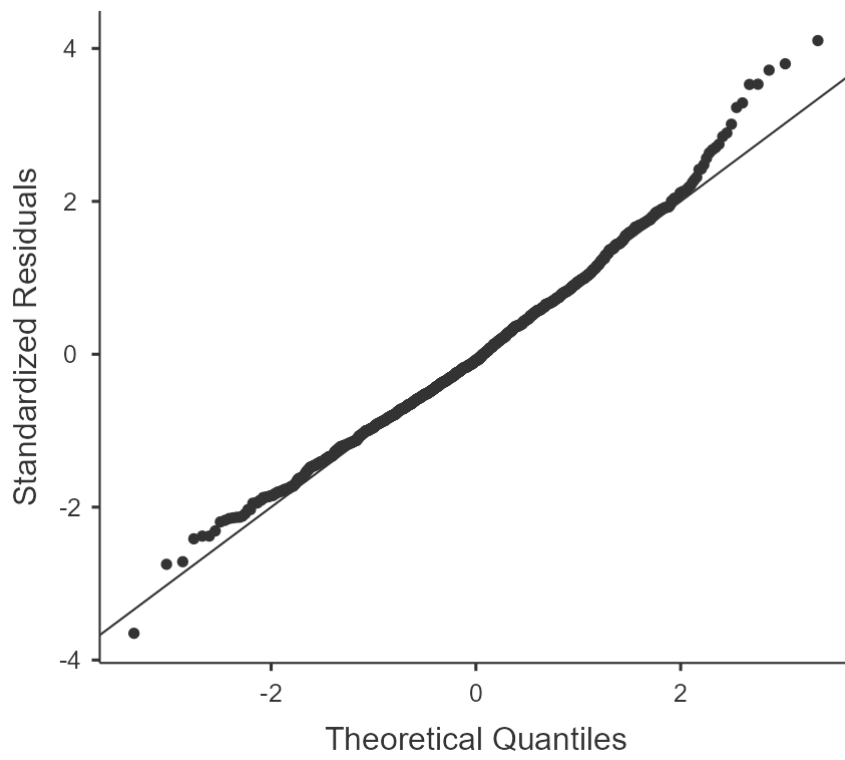
	VIF	Tolerance
EPS	1.81844	0.54992
SPS	1.85001	0.54054
GPS	1.17149	0.85361

[3]

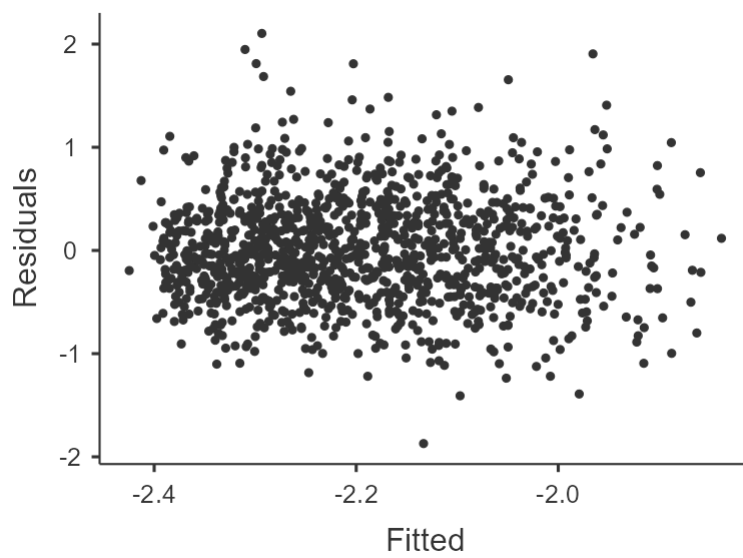
Normality Test (Shapiro-Wilk)

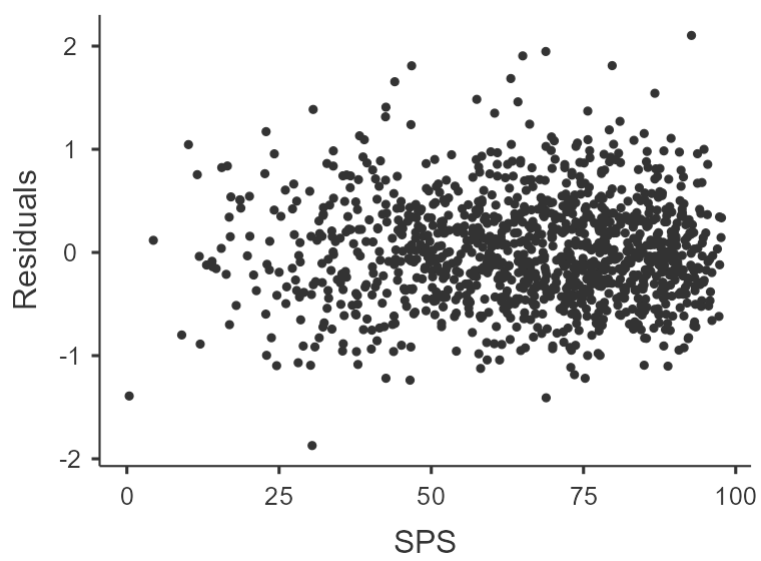
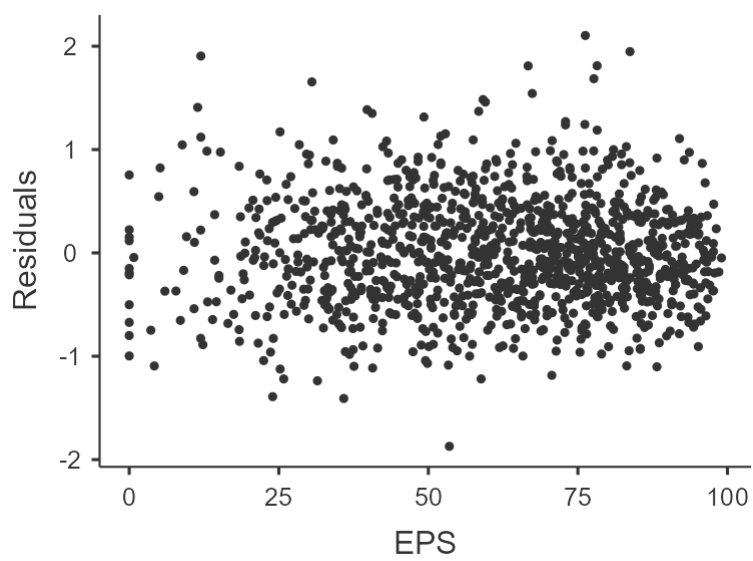
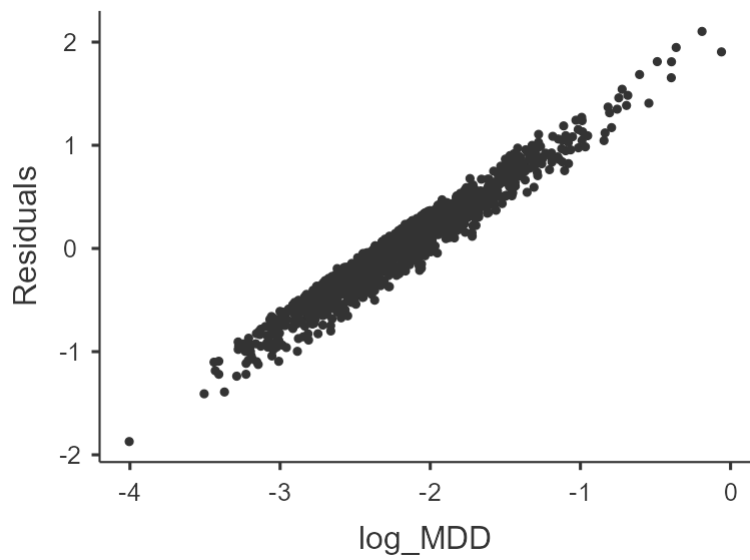
Statistic	p
0.99094	< .00001

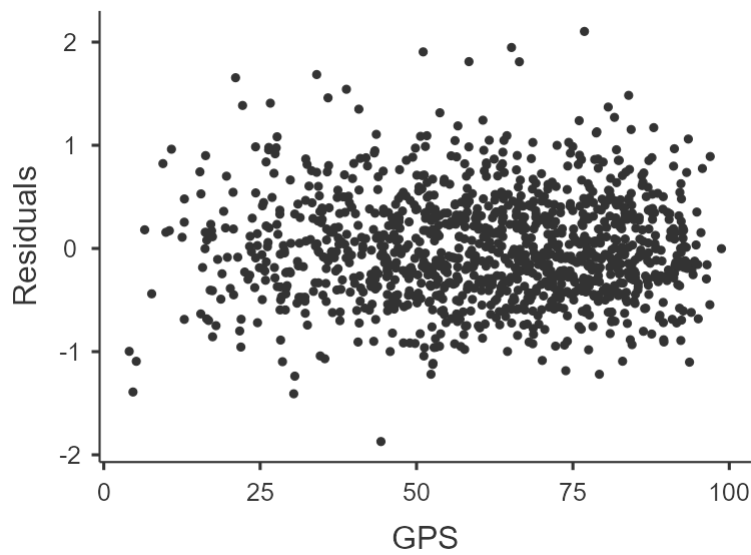
Q-Q Plot



Residuals Plots







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>.