

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.15996	0.02559	10.39045	3	1187	< .00001

Model Coefficients - log_MDD

Predictor	Estimate	SE	t	p
Intercept	-1.35384	0.04937	-27.42051	< .00001
EPS	-0.00241	0.00075	-3.23563	0.00125
SPS	-0.00083	0.00089	-0.93177	0.35164
GPS	-0.00026	0.00068	-0.38025	0.70383

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.05105	1.89742	0.07200

[3]

Collinearity Statistics

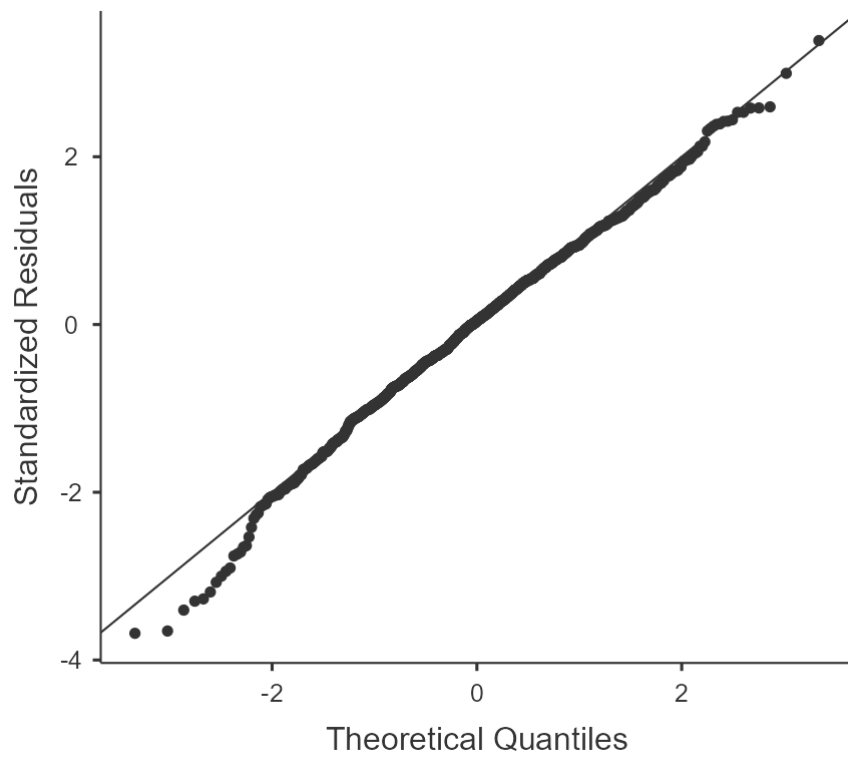
	VIF	Tolerance
EPS	1.88798	0.52967
SPS	1.92869	0.51849
GPS	1.20372	0.83076

[3]

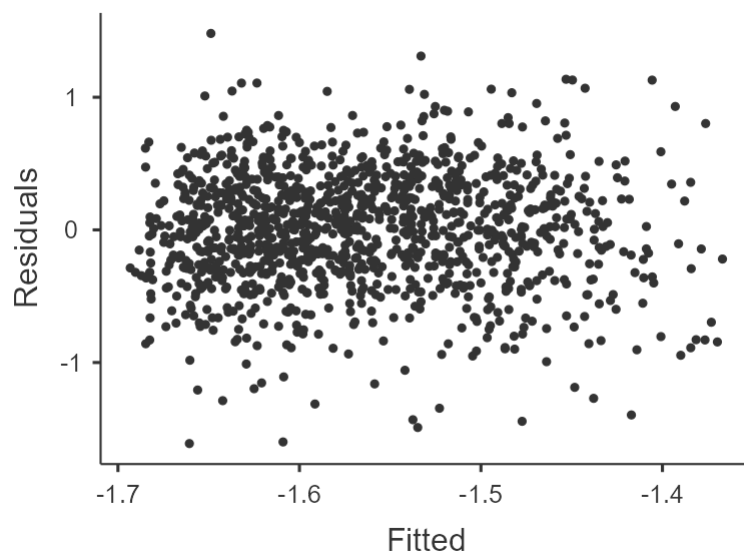
Normality Test (Shapiro-Wilk)

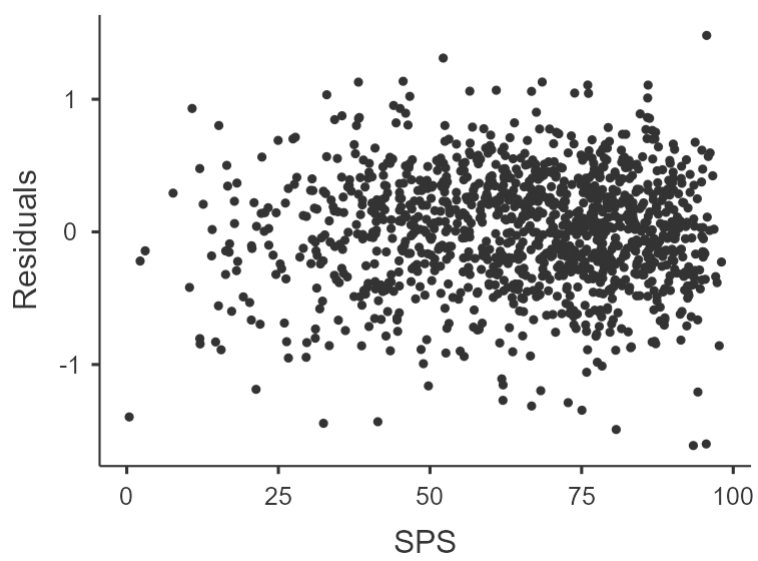
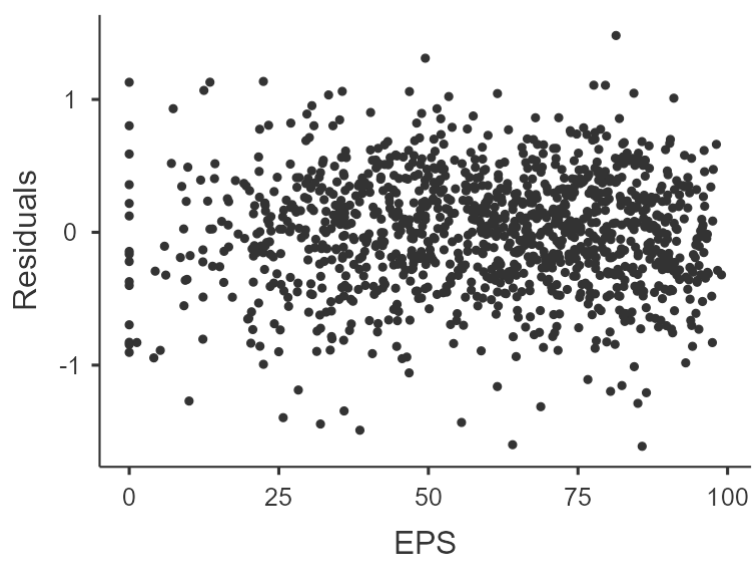
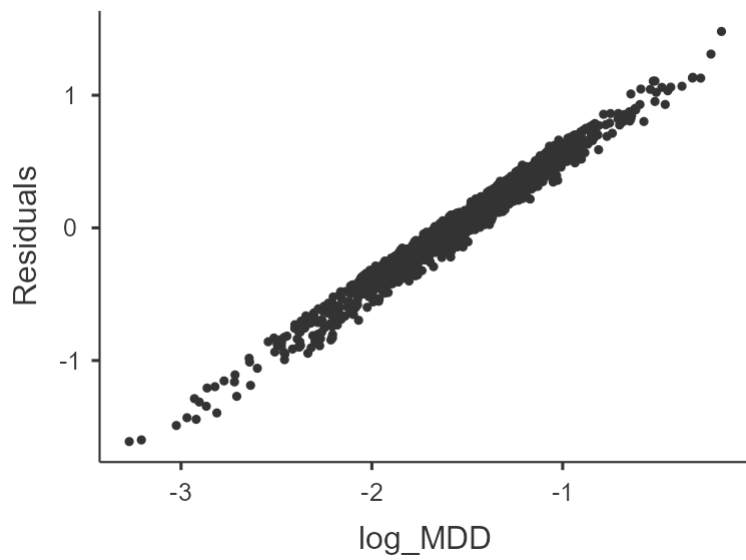
Statistic	p
0.99449	0.00023

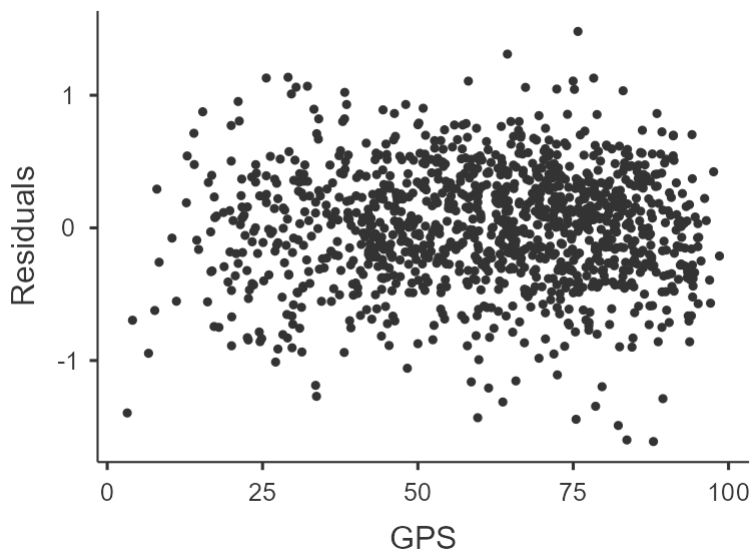
Q-Q Plot



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>.