

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.18105	0.03278	13.44339	3	1190	< .00001

Model Coefficients - log_MDD

Predictor	Estimate	SE	t	p
Intercept	-1.78457	0.06441	-27.70632	< .00001
EPS	-0.00151	0.00097	-1.56431	0.11801
SPS	-0.00418	0.00112	-3.73926	0.00019
GPS	0.00318	0.00085	3.72112	0.00021

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.02620	1.94597	0.36400

[3]

Collinearity Statistics

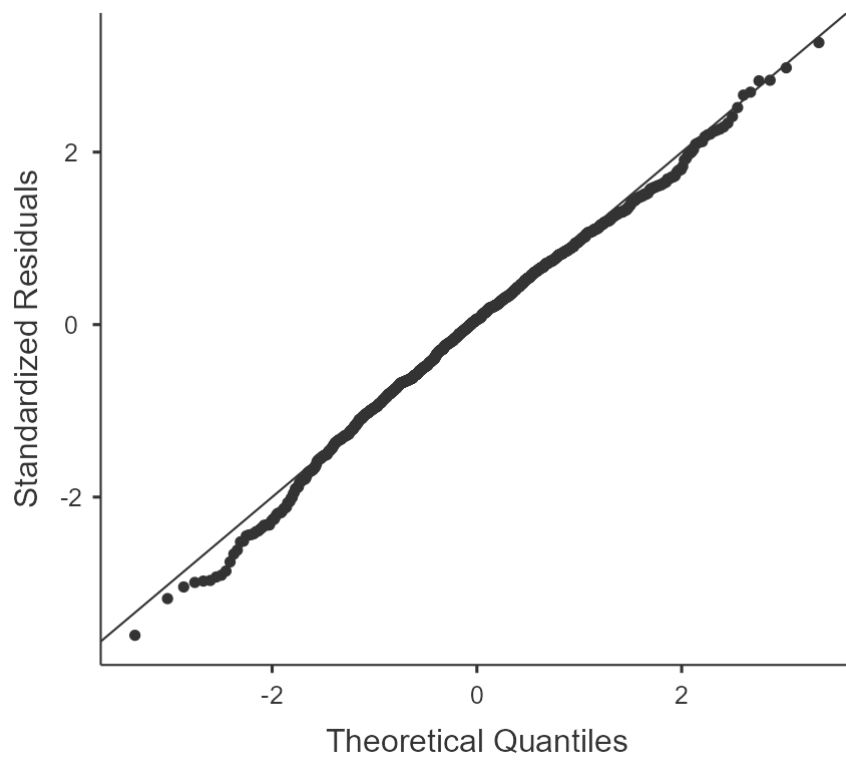
	VIF	Tolerance
EPS	1.82008	0.54943
SPS	1.84680	0.54148
GPS	1.17102	0.85395

[3]

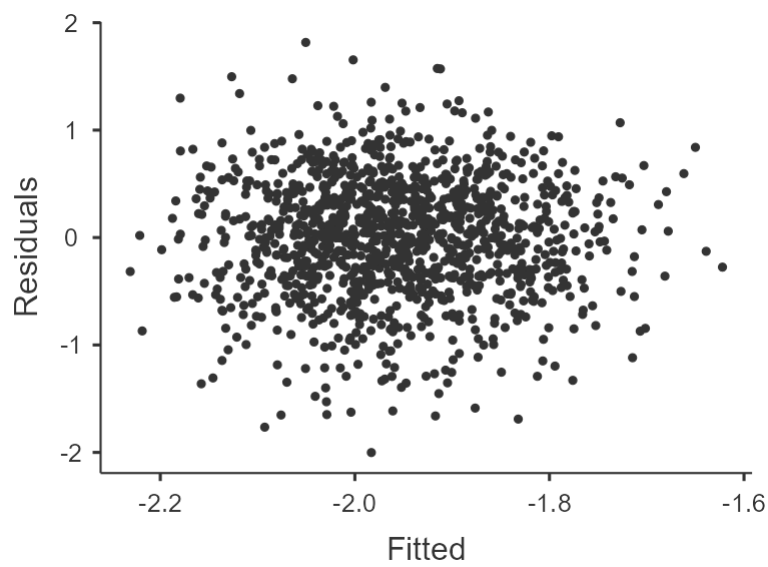
Normality Test (Shapiro-Wilk)

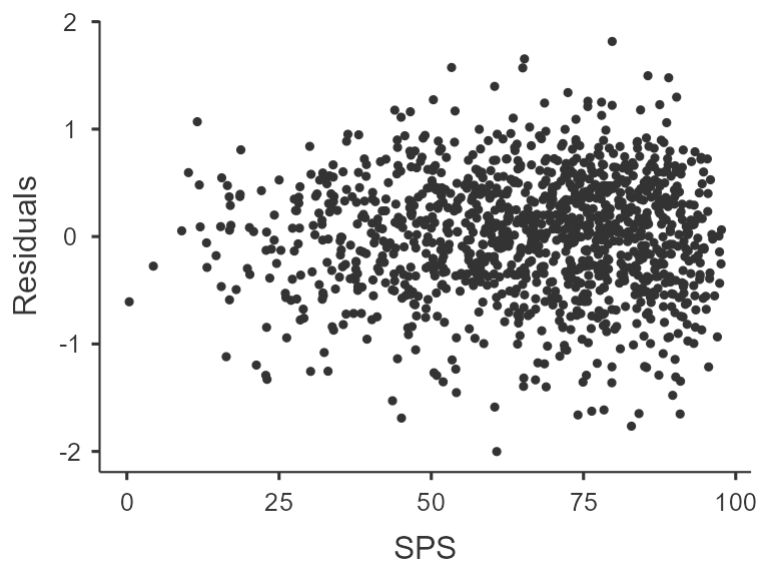
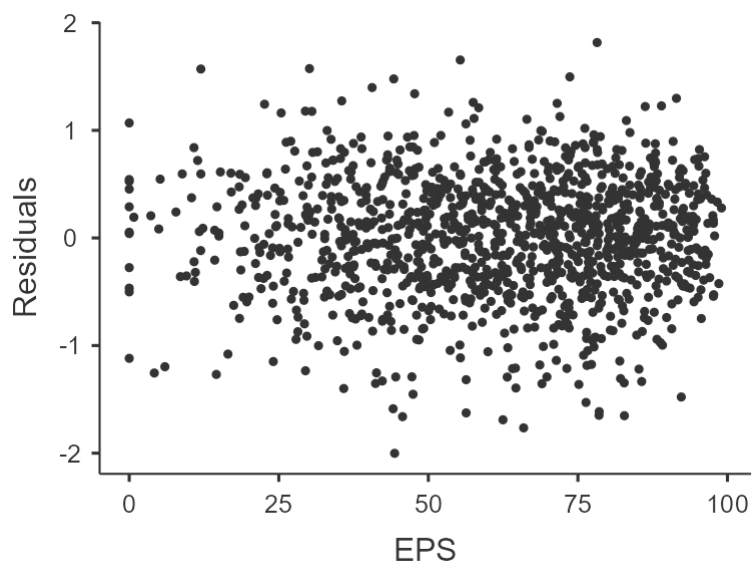
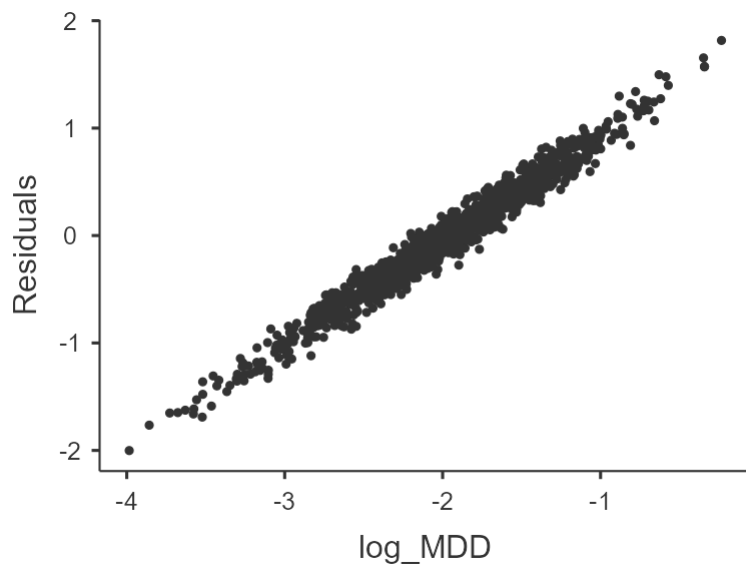
Statistic	p
0.99429	0.00016

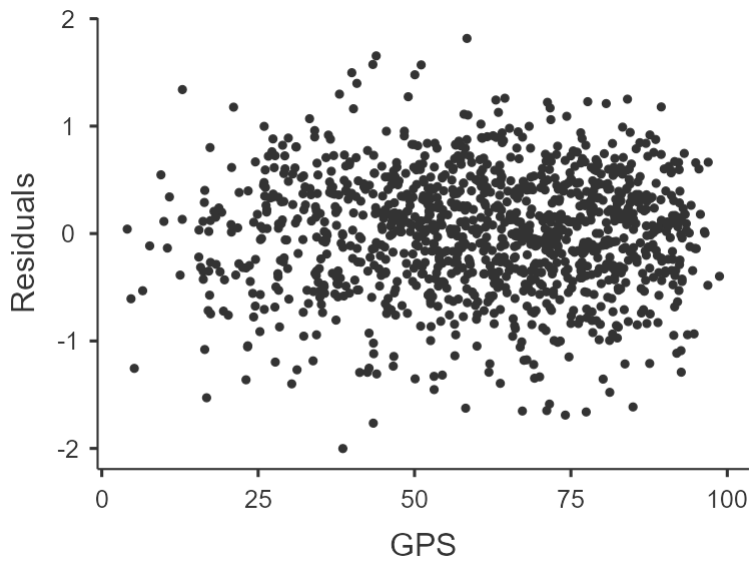
Q-Q Plot



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>.