

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.21869	0.04783	19.90723	3	1189	< .00001

Model Coefficients - log_MDD

Predictor	Estimate	SE	t	p
Intercept	-1.74103	0.06480	-26.86907	< .00001
EPS	-0.00525	0.00098	-5.38083	< .00001
SPS	-0.00107	0.00112	-0.95464	0.33995
GPS	0.00129	0.00086	1.49537	0.13508

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.06119	1.87688	0.03400

[3]

Collinearity Statistics

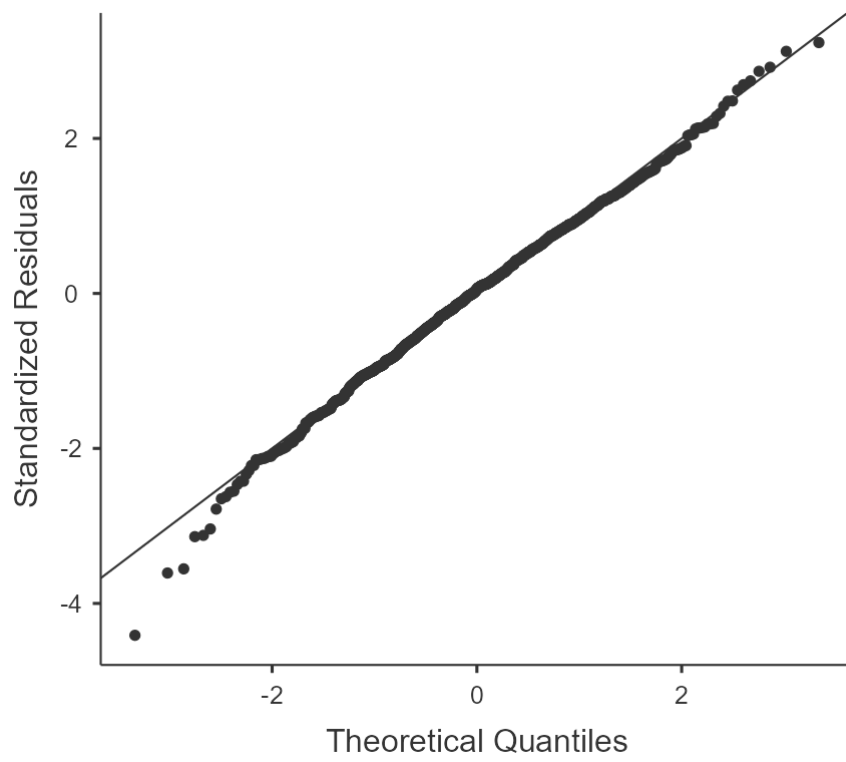
	VIF	Tolerance
EPS	1.81649	0.55051
SPS	1.83602	0.54466
GPS	1.17344	0.85220

[3]

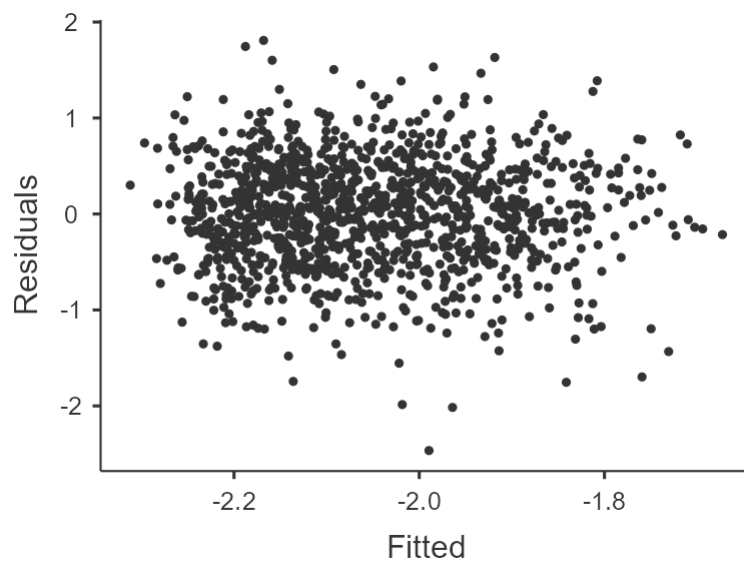
Normality Test (Shapiro-Wilk)

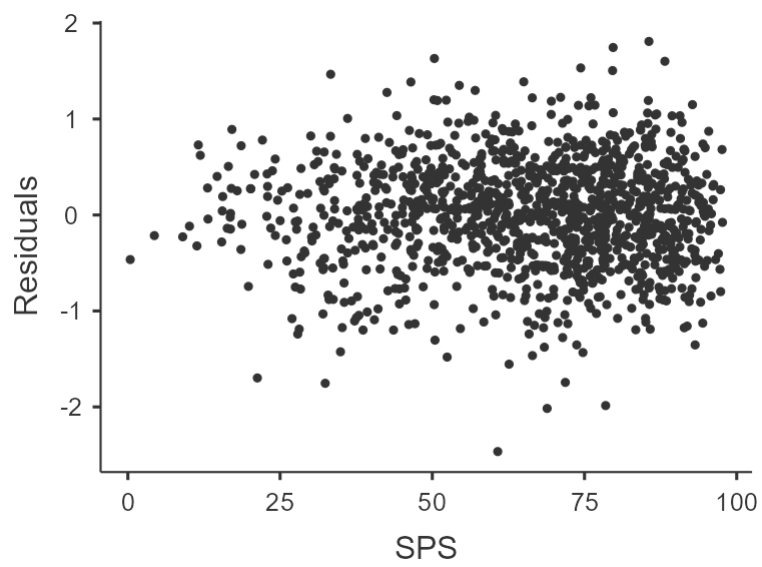
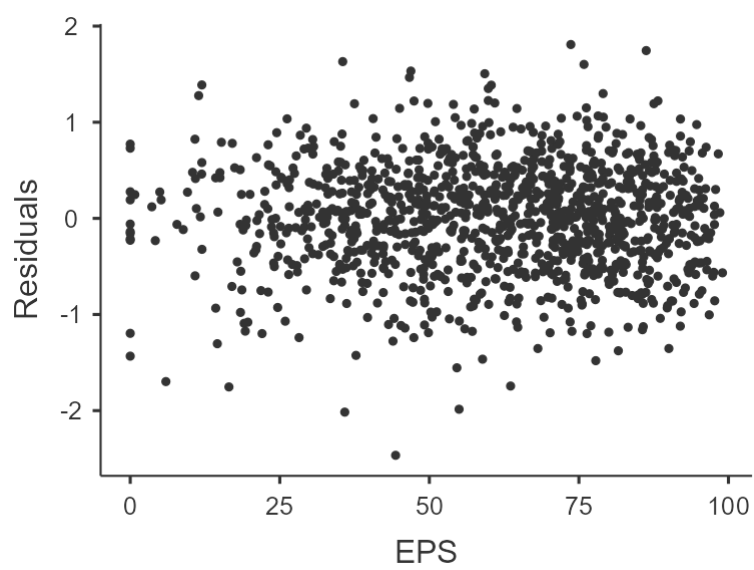
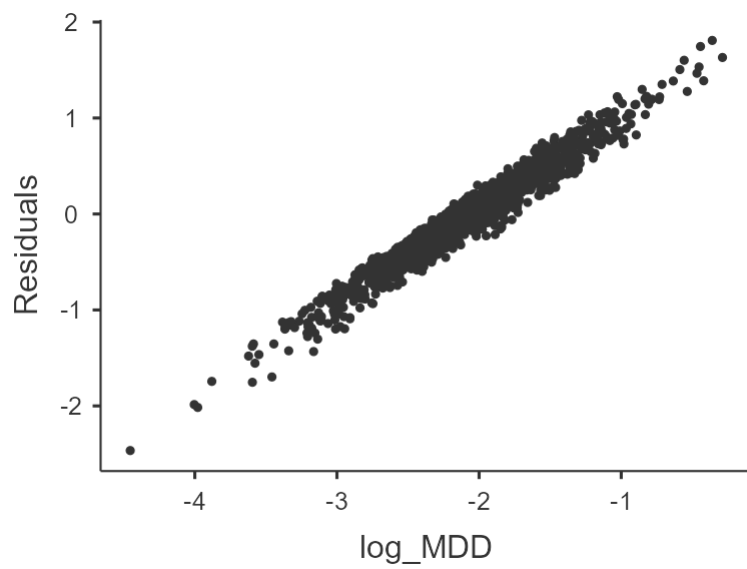
Statistic	p
0.99595	0.00307

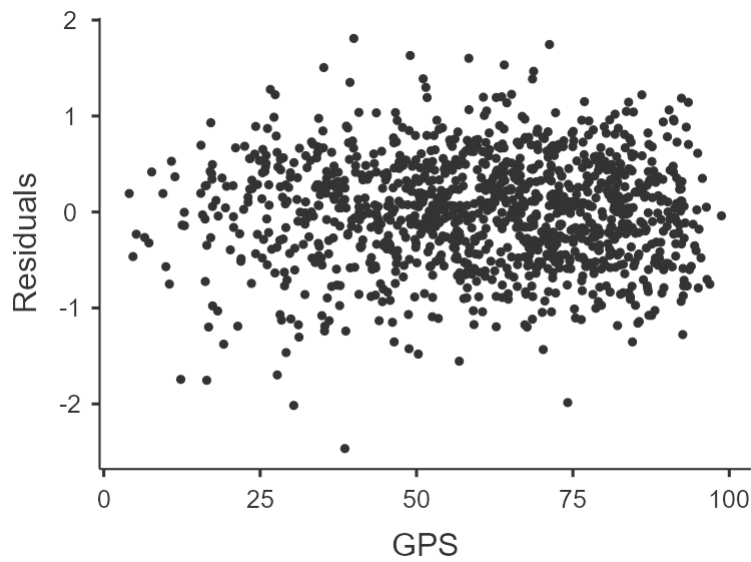
Q-Q Plot



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>.