

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.15688	0.02461	9.98303	3	1187	< .00001

Model Coefficients - log_MDD

Predictor	Estimate	SE	t	p
Intercept	-2.00869	0.05026	-39.96821	< .00001
EPS	-0.00370	0.00078	-4.72918	< .00001
SPS	0.00083	0.00093	0.89078	0.37323
GPS	0.00115	0.00072	1.60021	0.10982

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.01355	1.97215	0.71000

[3]

Collinearity Statistics

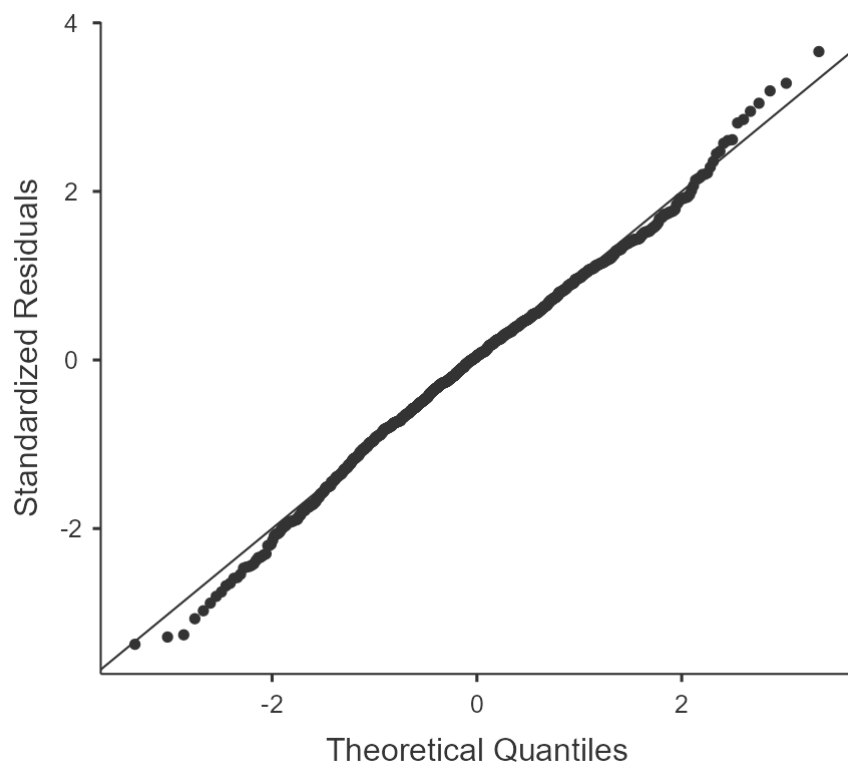
	VIF	Tolerance
EPS	1.96144	0.50983
SPS	2.00586	0.49854
GPS	1.22238	0.81808

[3]

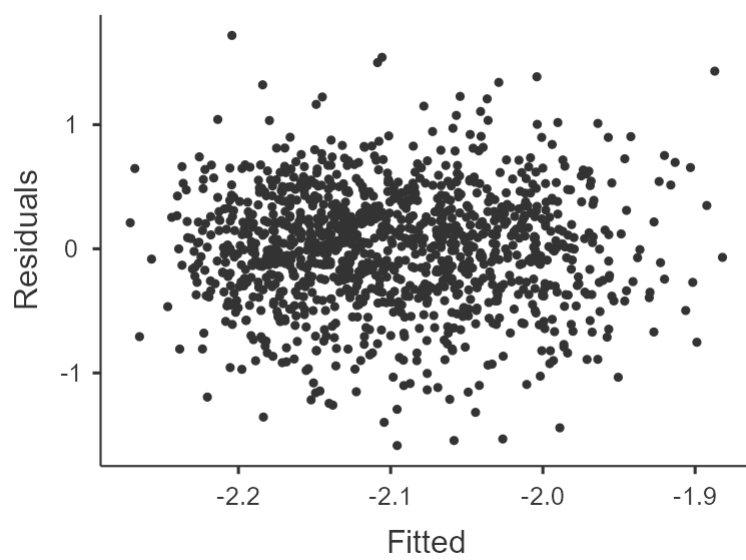
Normality Test (Shapiro-Wilk)

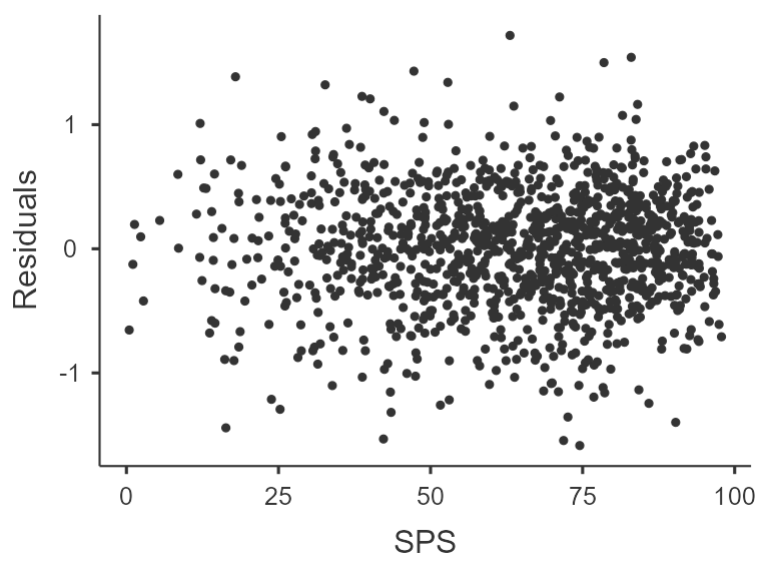
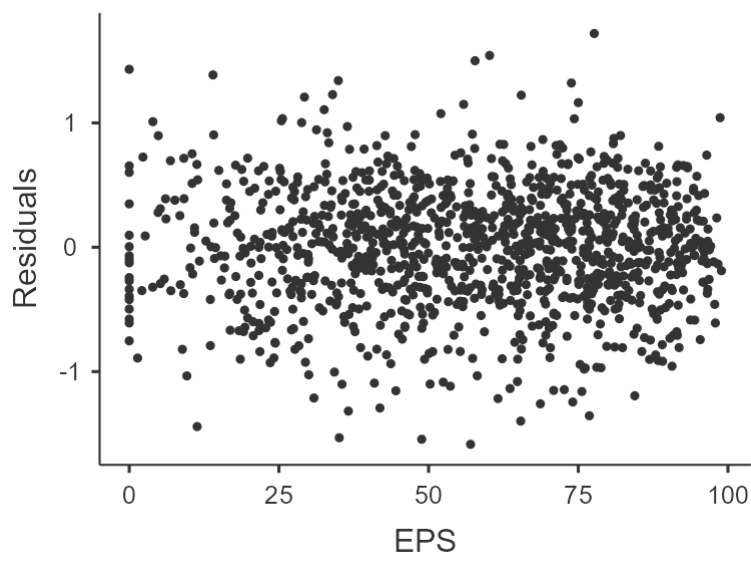
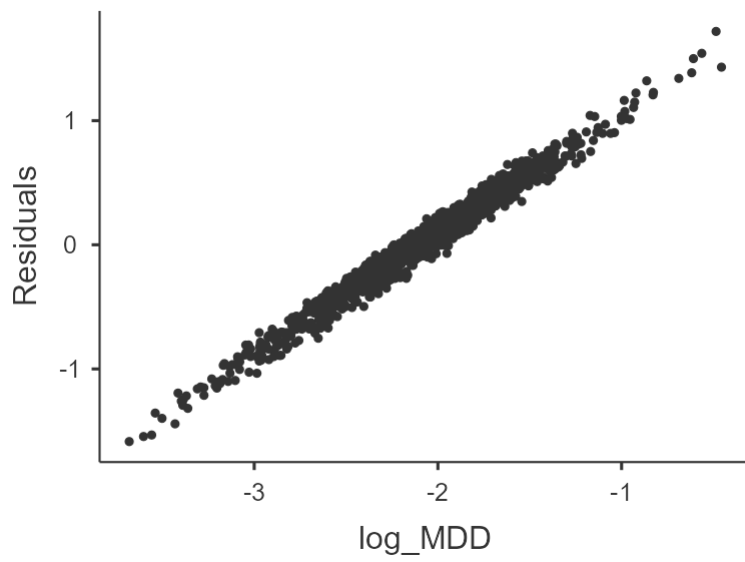
Statistic	p
0.99525	0.00086

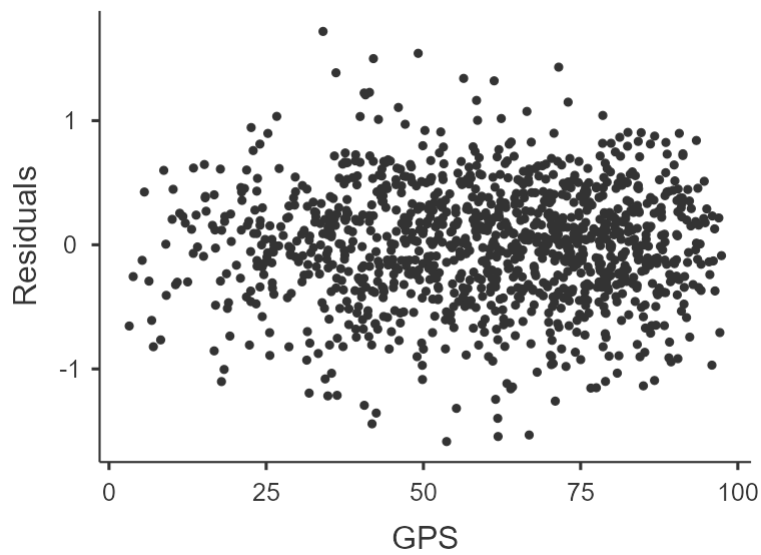
Q-Q Plot



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>.