

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.16301	0.02657	10.82742	3	1190	< .00001

Model Coefficients - log_MDD

Predictor	Estimate	SE	t	p
Intercept	-2.05621	0.05045	-40.75616	< .00001
EPS	-0.00408	0.00078	-5.20683	< .00001
SPS	0.00182	0.00094	1.94525	0.05198
GPS	0.00009	0.00072	0.13079	0.89596

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.00935	2.01841	0.76400

[3]

Collinearity Statistics

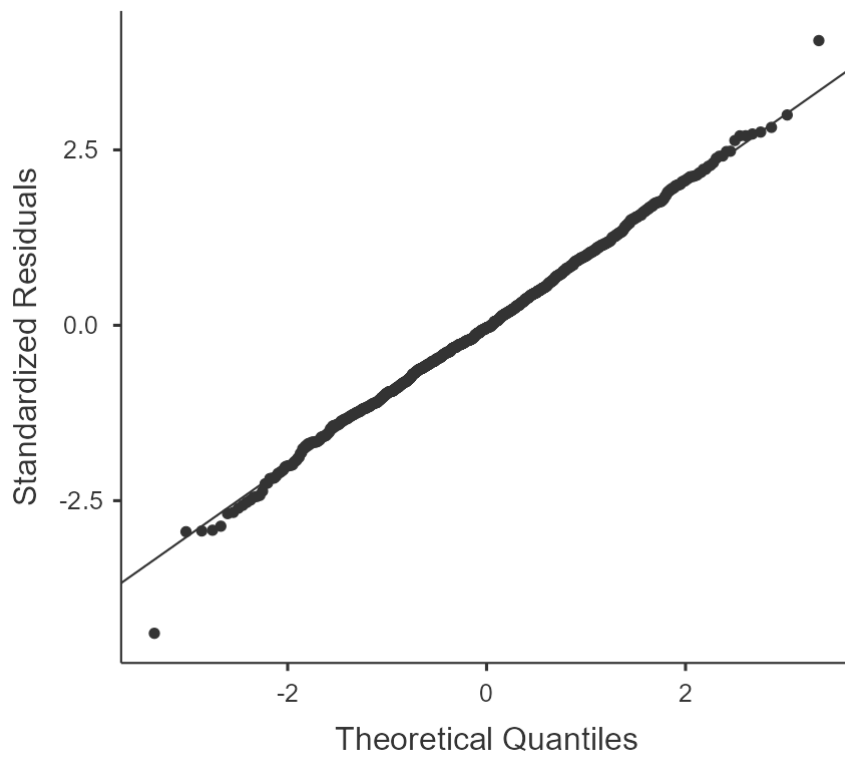
	VIF	Tolerance
EPS	1.95789	0.51075
SPS	2.00398	0.49901
GPS	1.22080	0.81913

[3]

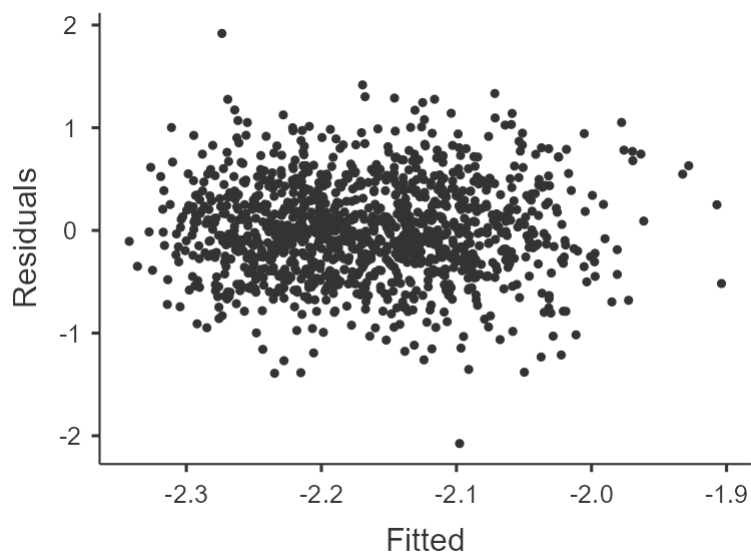
Normality Test (Shapiro-Wilk)

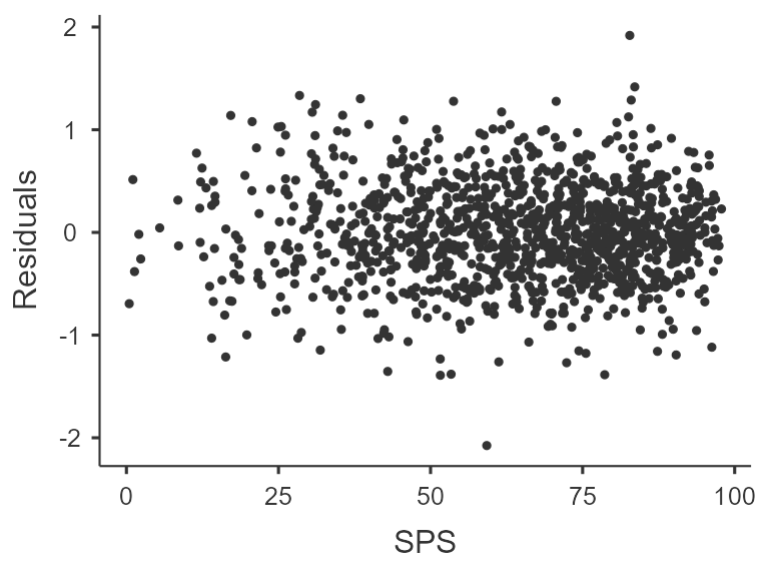
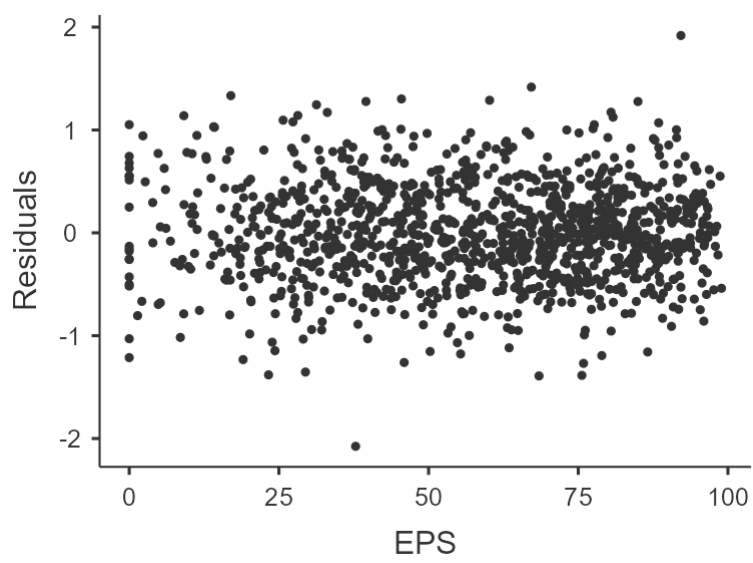
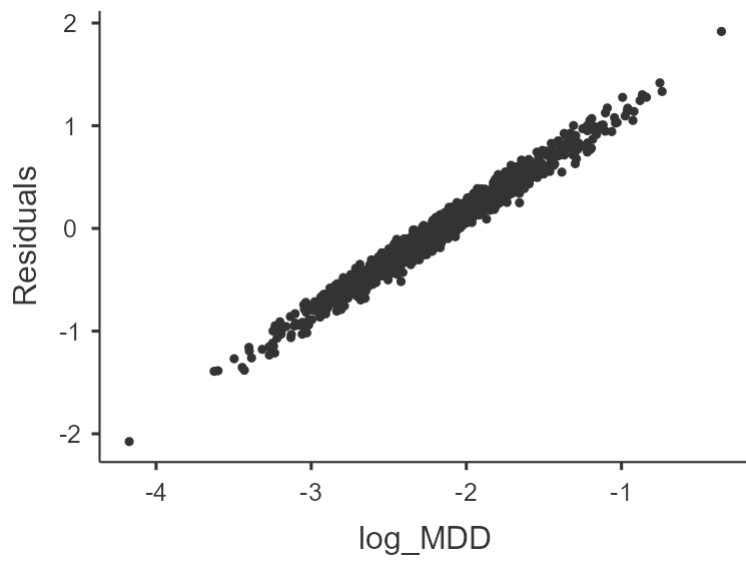
Statistic	p
0.99766	0.08520

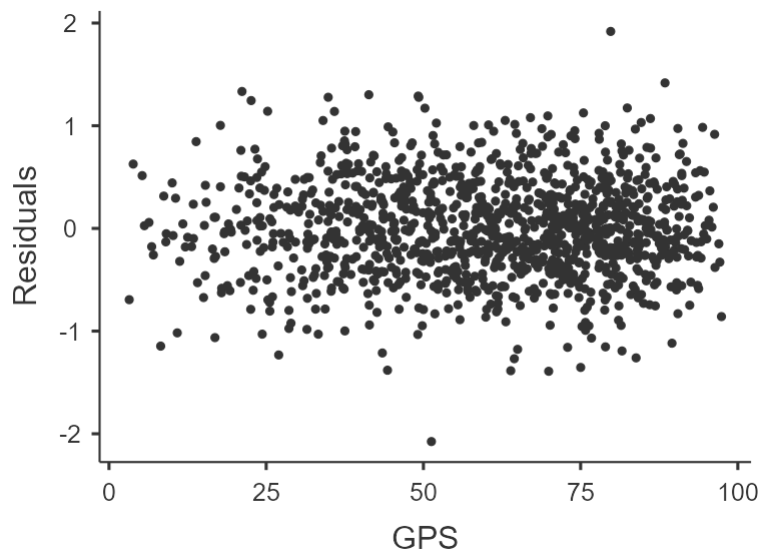
Q-Q Plot



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>.