

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.09762	0.00953	3.81664	3	1190	0.00975

Model Coefficients - log_MDD

Predictor	Estimate	SE	t	p
Intercept	-1.94121	0.05258	-36.92248	< .00001
EPS	-0.00184	0.00092	-1.99405	0.04637
SPS	-0.00032	0.00112	-0.28325	0.77703
GPS	-0.00021	0.00086	-0.24690	0.80503

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.01649	1.96516	0.53400

[3]

Collinearity Statistics

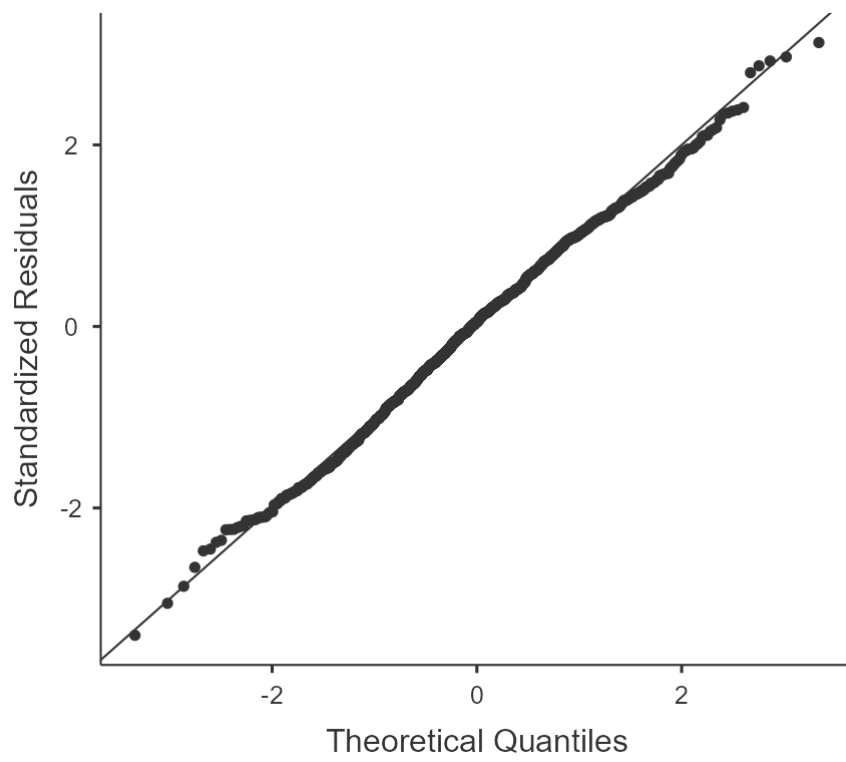
	VIF	Tolerance
EPS	2.15821	0.46335
SPS	2.16945	0.46095
GPS	1.31442	0.76079

[3]

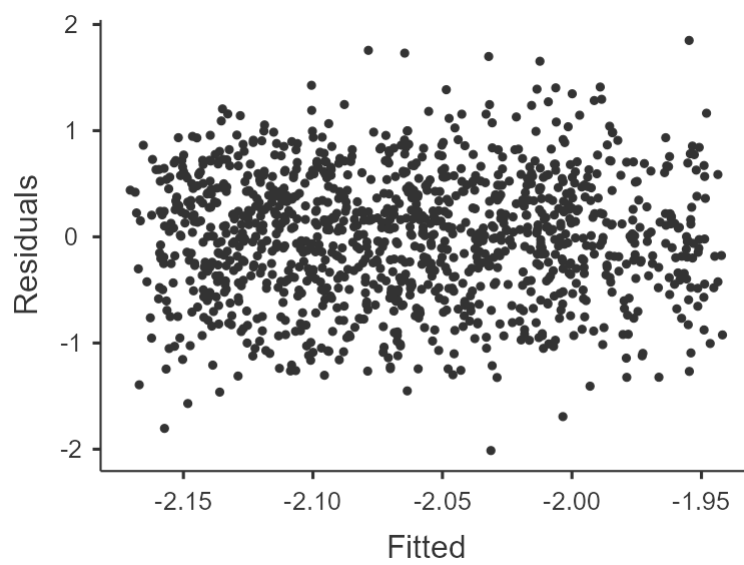
Normality Test (Shapiro-Wilk)

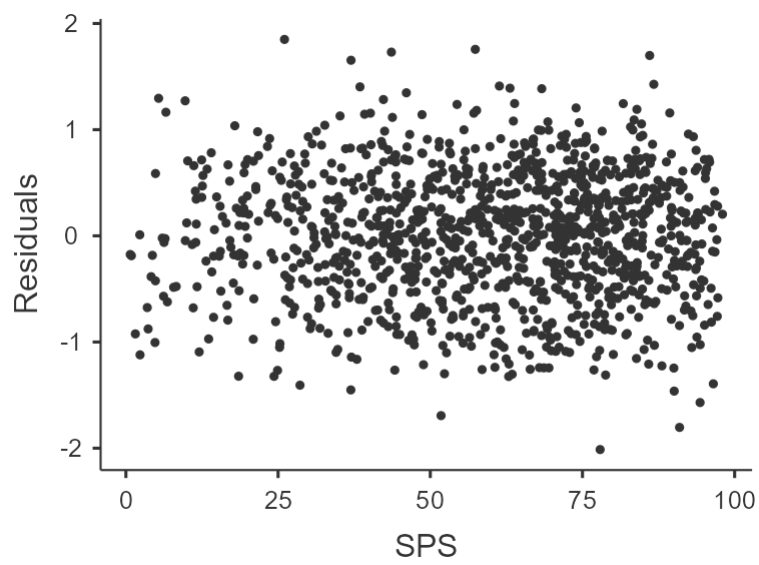
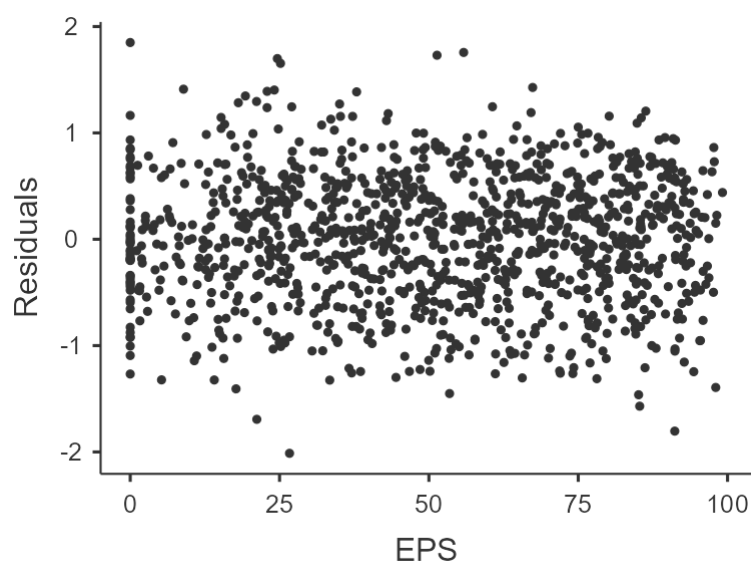
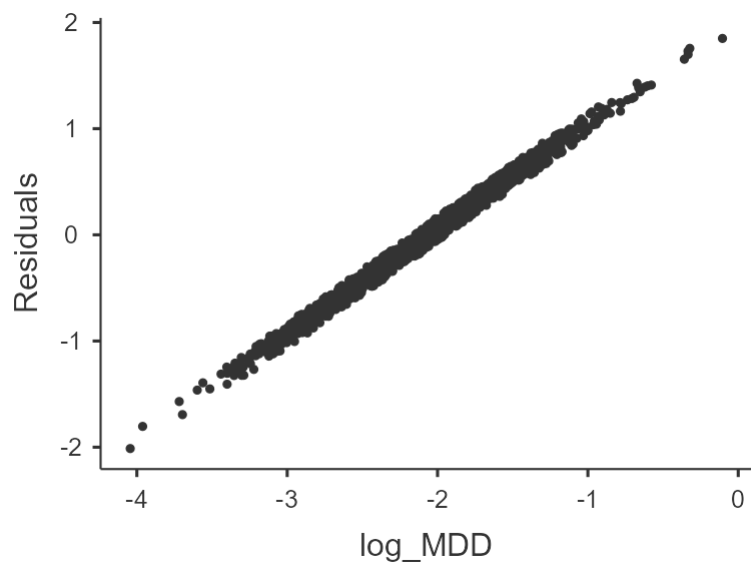
Statistic	p
0.99661	0.01080

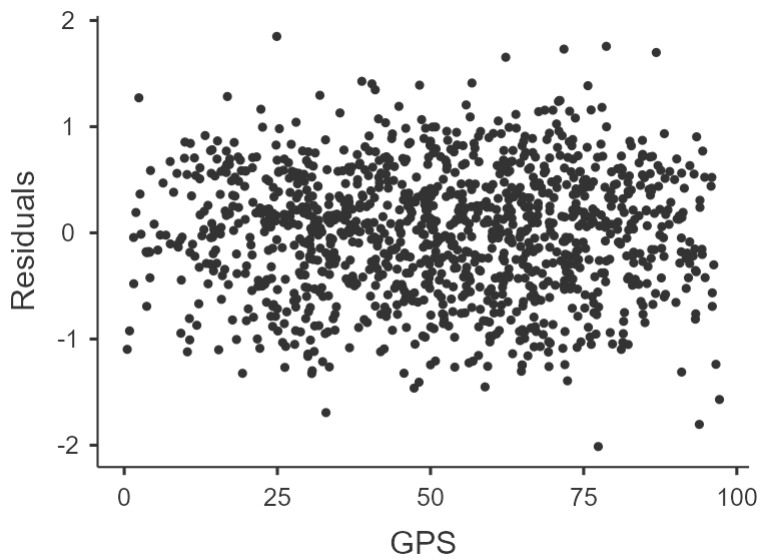
Q-Q Plot



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>.