

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.16891	0.02853	11.64888	3	1190	< .00001

Model Coefficients - log_MDD

Predictor	Estimate	SE	t	p
Intercept	-1.86123	0.05832	-31.91414	< .00001
EPS	-0.00336	0.00088	-3.82347	0.00014
SPS	-0.00121	0.00101	-1.19405	0.23270
GPS	0.00185	0.00077	2.38985	0.01701

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.01041	2.02010	0.71000

[3]

Collinearity Statistics

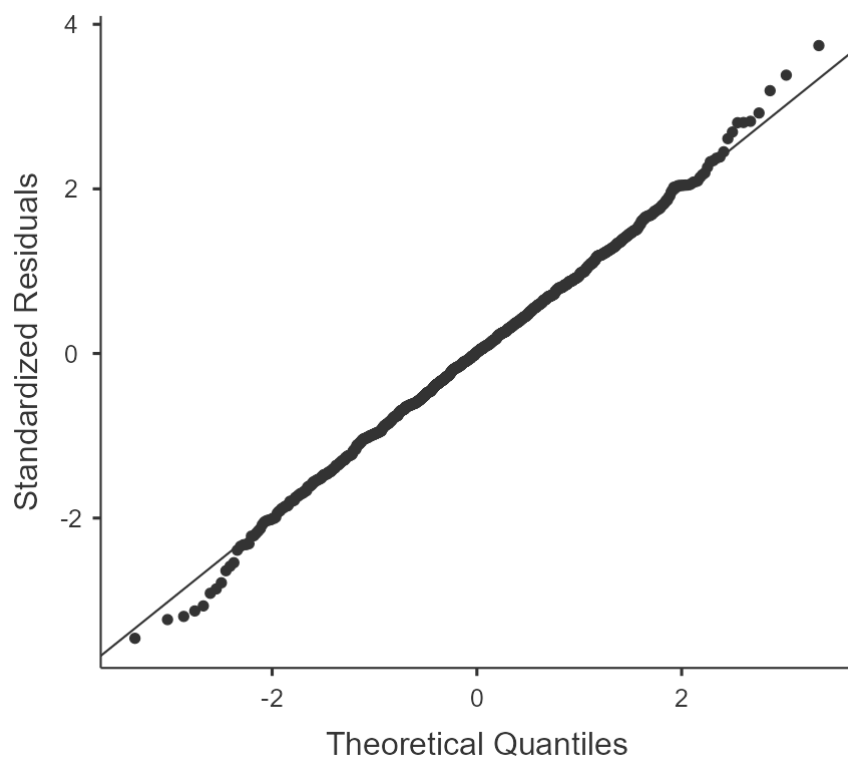
	VIF	Tolerance
EPS	1.82135	0.54904
SPS	1.84855	0.54096
GPS	1.17333	0.85227

[3]

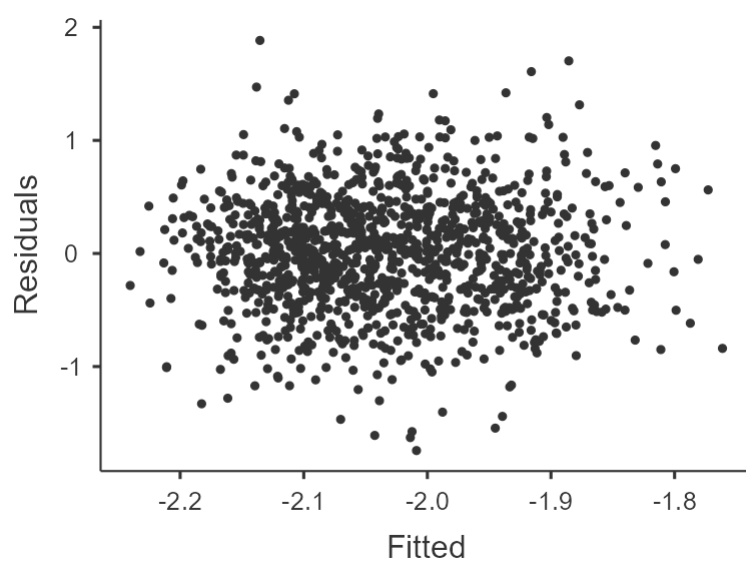
Normality Test (Shapiro-Wilk)

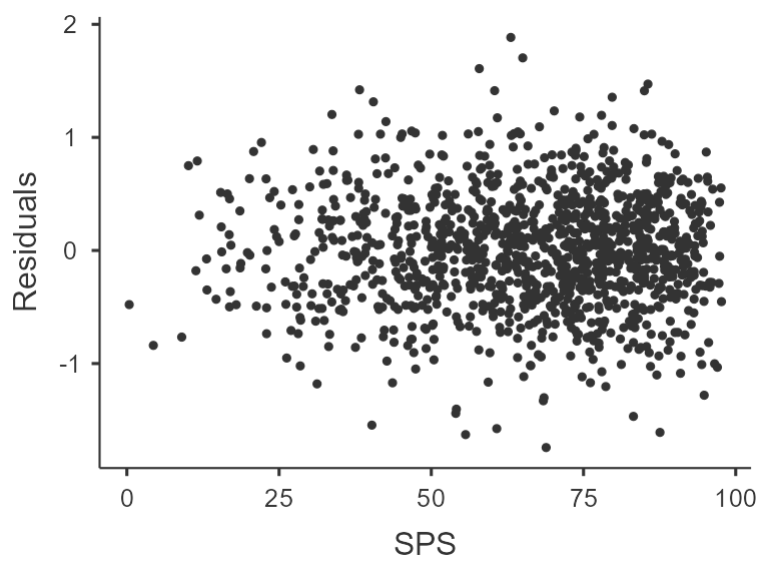
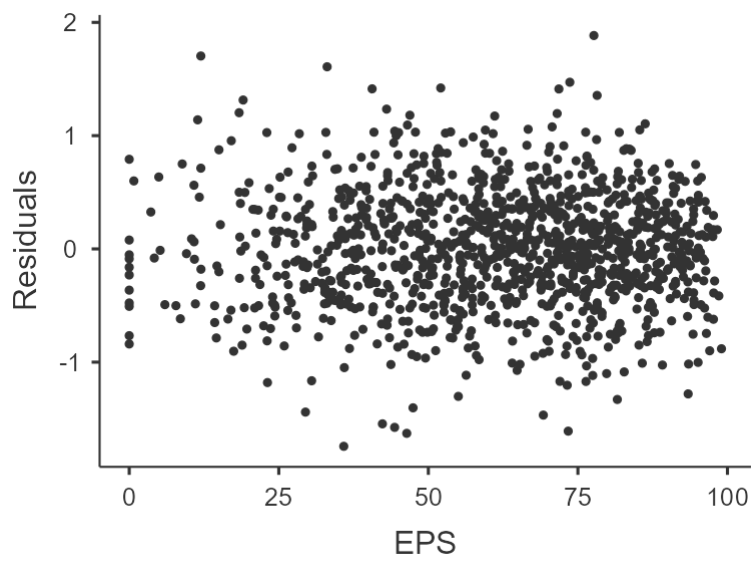
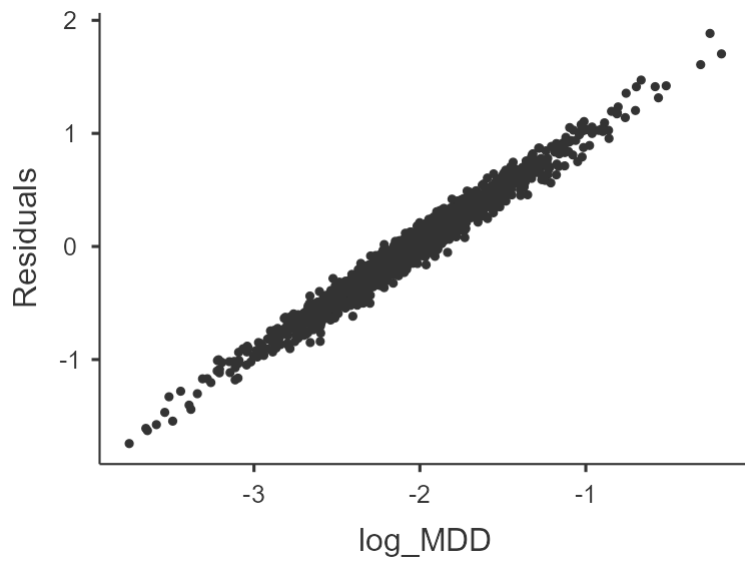
Statistic	p
0.99824	0.25213

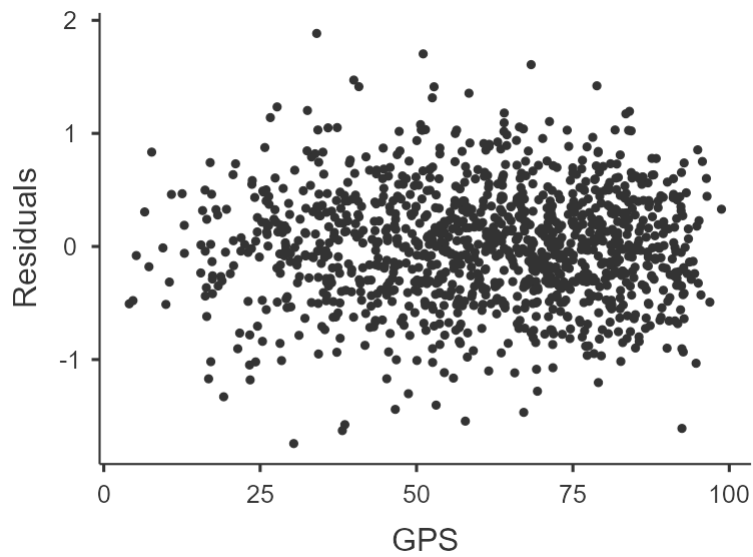
Q-Q Plot



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>.