

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.09083	0.00825	3.29429	3	1188	0.01992

Model Coefficients - log_MDD

Predictor	Estimate	SE	t	p
Intercept	-1.91112	0.05477	-34.89404	< .00001
EPS	0.00011	0.00090	0.11622	0.90750
SPS	-0.00261	0.00109	-2.38641	0.01717
GPS	0.00168	0.00084	1.99096	0.04671

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.00391	2.00747	0.86200

[3]

Collinearity Statistics

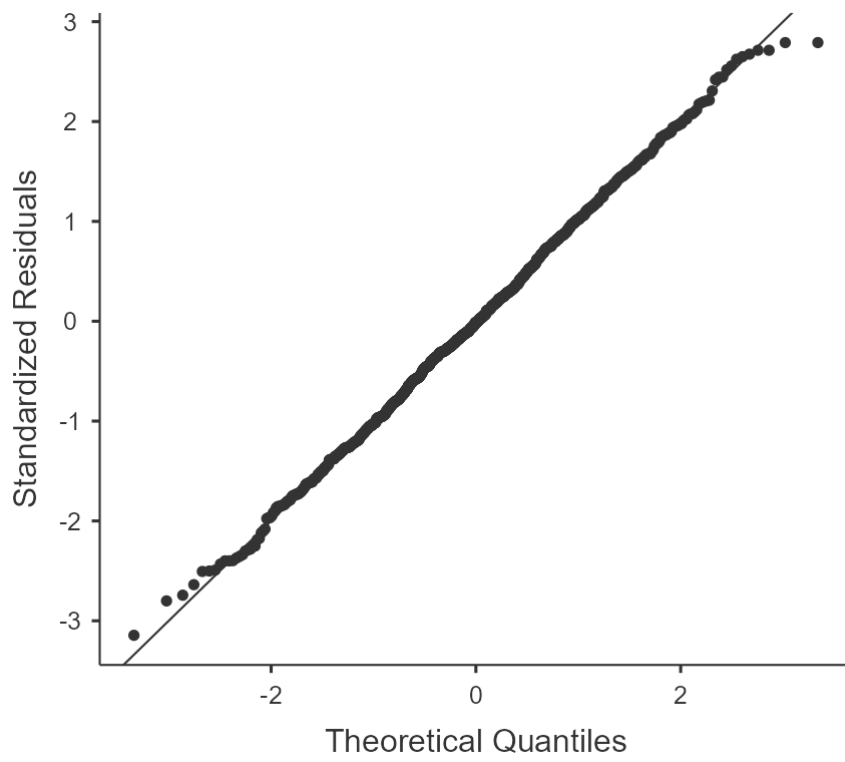
	VIF	Tolerance
EPS	2.08486	0.47965
SPS	2.12486	0.47062
GPS	1.26626	0.78972

[3]

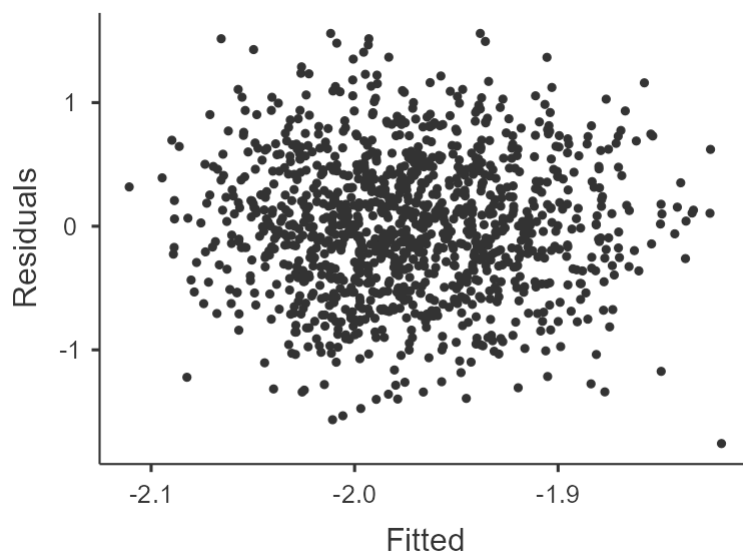
Normality Test (Shapiro-Wilk)

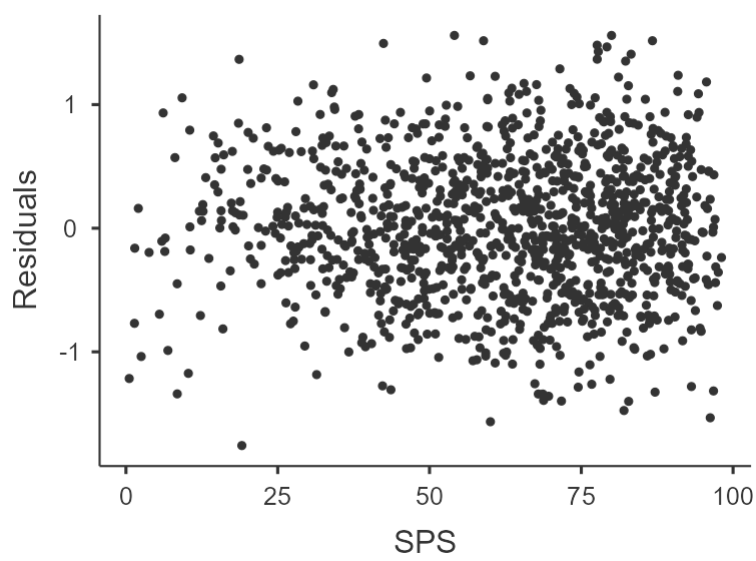
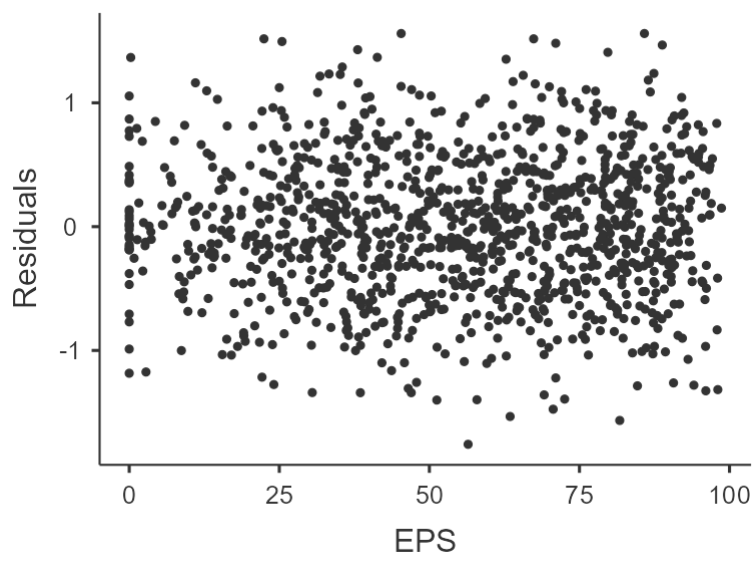
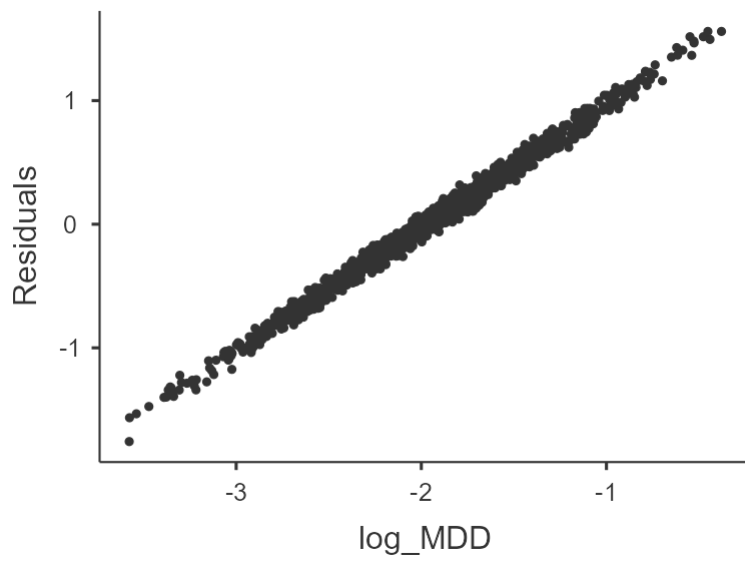
Statistic	p
0.99878	0.60379

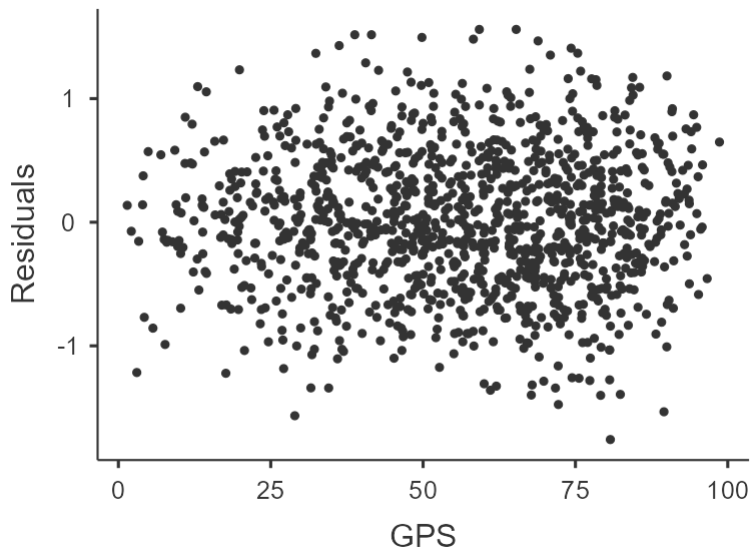
Q-Q Plot



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>.