

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.19477	0.03794	15.64152	3	1190	< .00001

Model Coefficients - log_MDD

Predictor	Estimate	SE	t	p
Intercept	-1.83638	0.06124	-29.98540	< .00001
EPS	-0.00493	0.00094	-5.24021	< .00001
SPS	0.00079	0.00112	0.70673	0.47987
GPS	-0.00046	0.00086	-0.53746	0.59105

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.00014	1.99989	0.96200

[3]

Collinearity Statistics

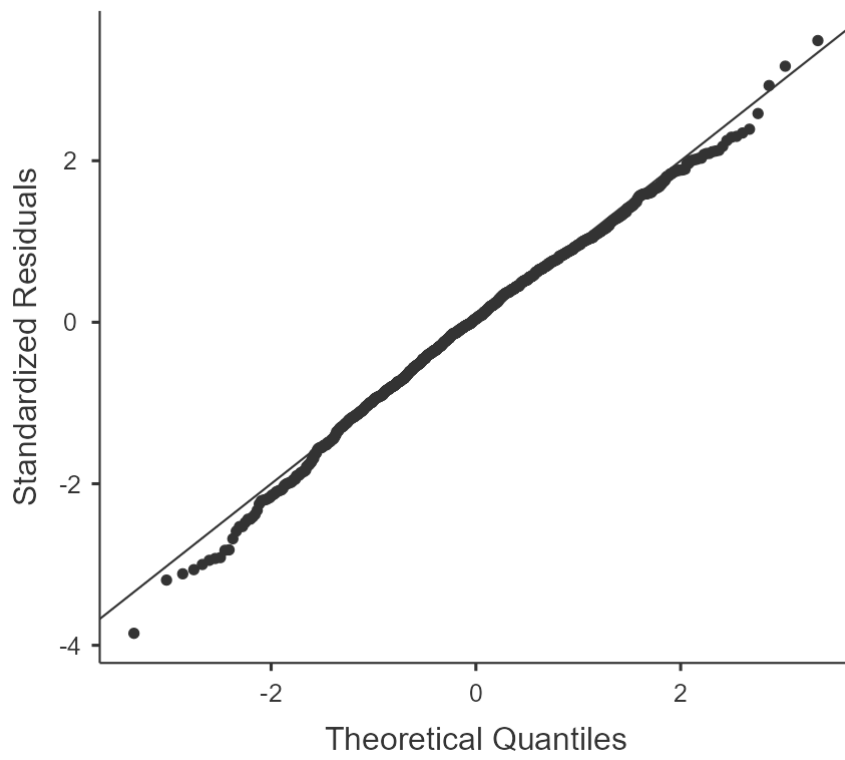
	VIF	Tolerance
EPS	1.91835	0.52128
SPS	1.96949	0.50774
GPS	1.22047	0.81936

[3]

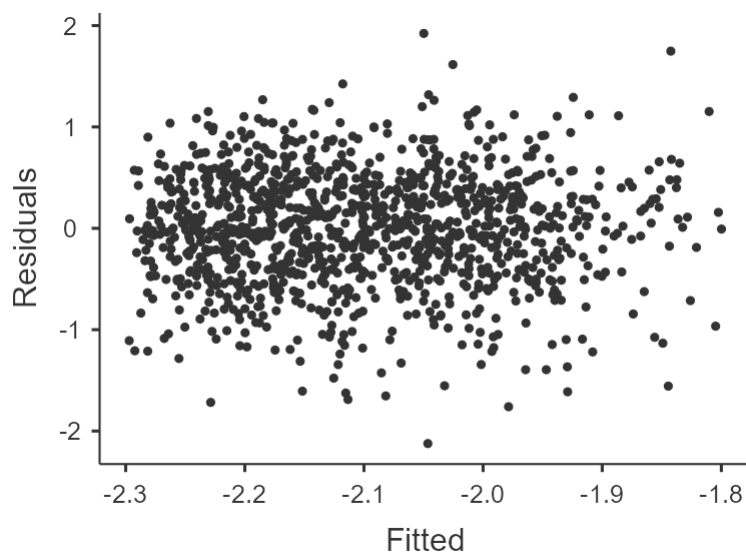
Normality Test (Shapiro-Wilk)

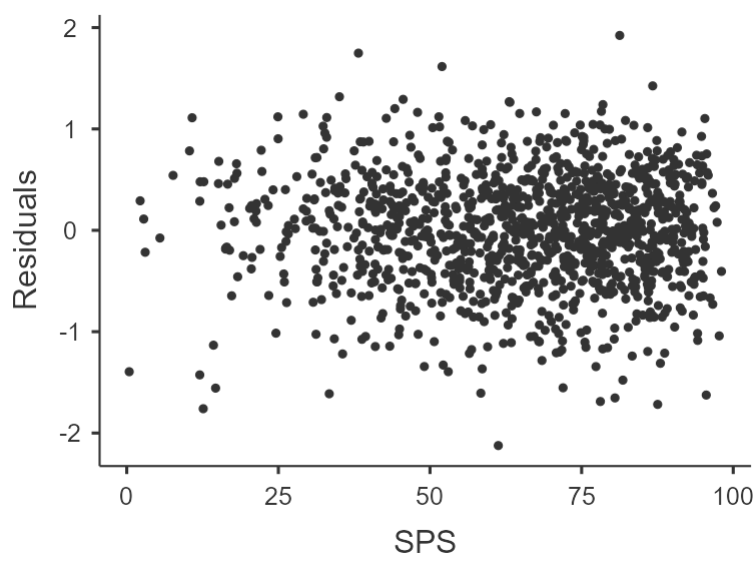
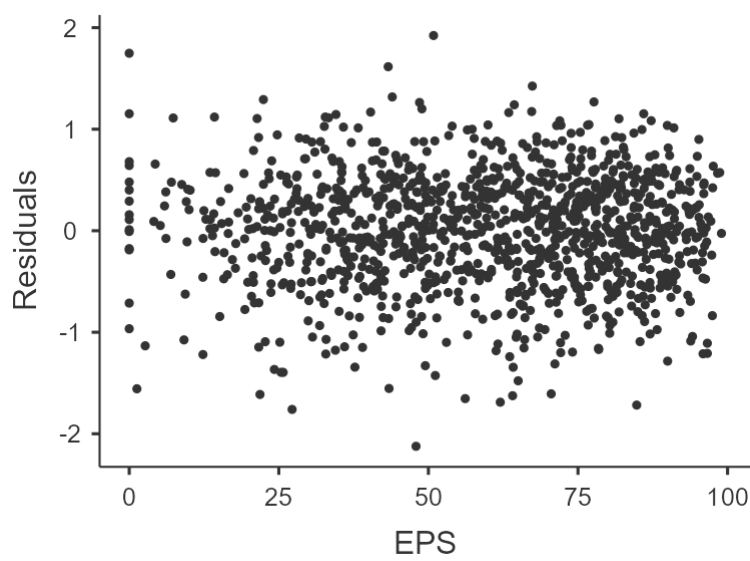
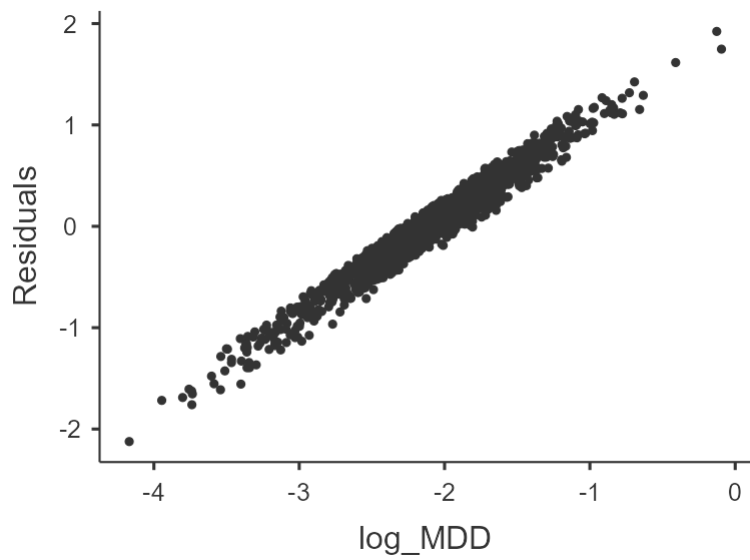
Statistic	p
0.99462	0.00028

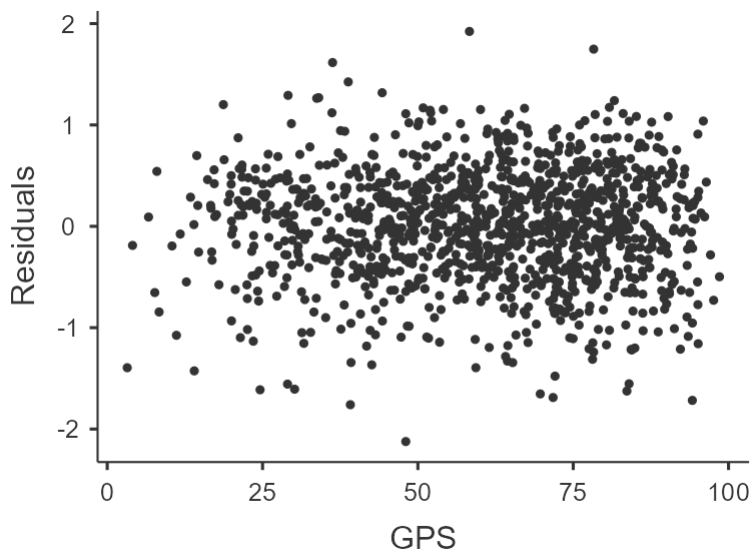
Q-Q Plot



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>.