

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.14381	0.02068	8.36238	3	1188	0.00002

Model Coefficients - log_MDD

Predictor	Estimate	SE	t	p
Intercept	-1.88019	0.04886	-38.47854	< .00001
EPS	-0.00329	0.00086	-3.84268	0.00013
SPS	0.00038	0.00104	0.36421	0.71577
GPS	0.00047	0.00080	0.59009	0.55524

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.01838	1.96240	0.54200

[3]

Collinearity Statistics

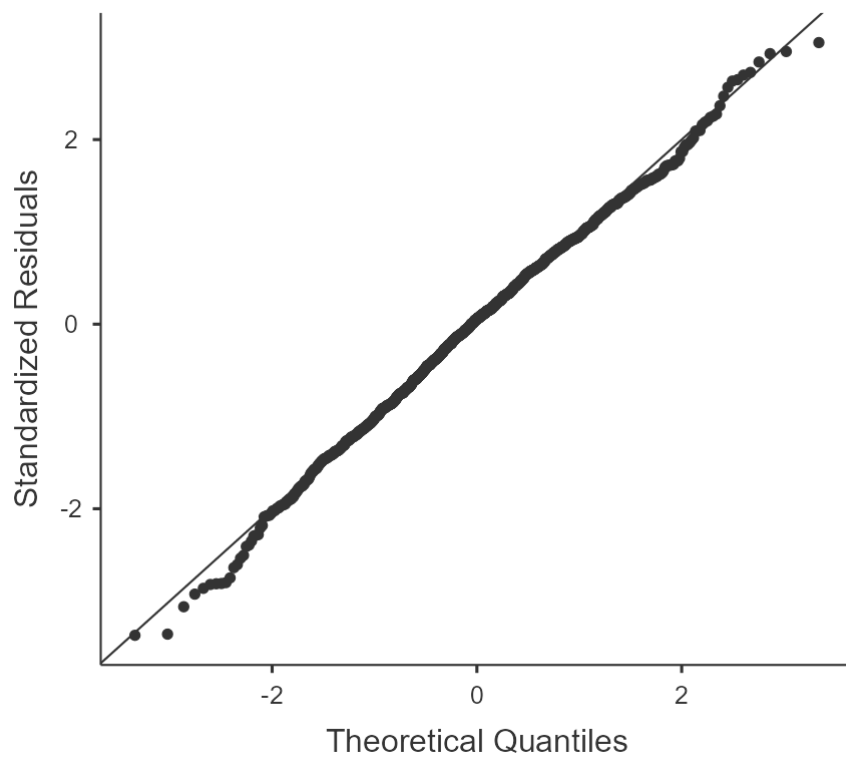
	VIF	Tolerance
EPS	2.15210	0.46466
SPS	2.17551	0.45966
GPS	1.31268	0.76180

[3]

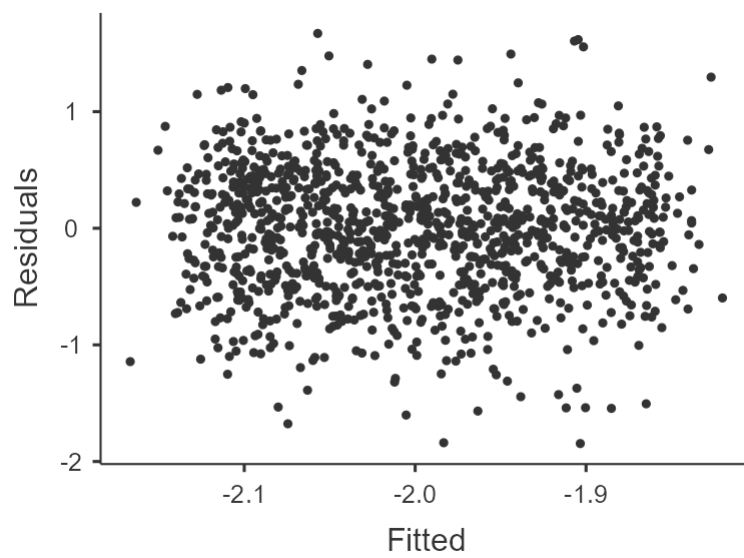
Normality Test (Shapiro-Wilk)

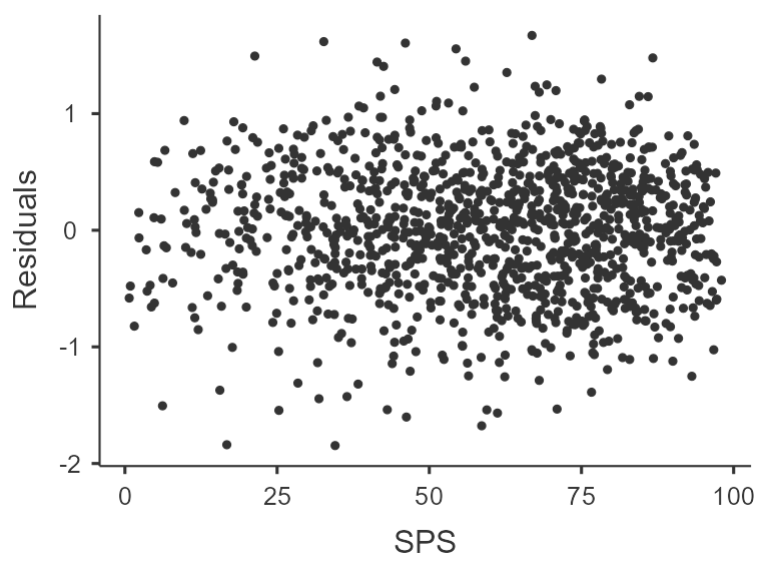
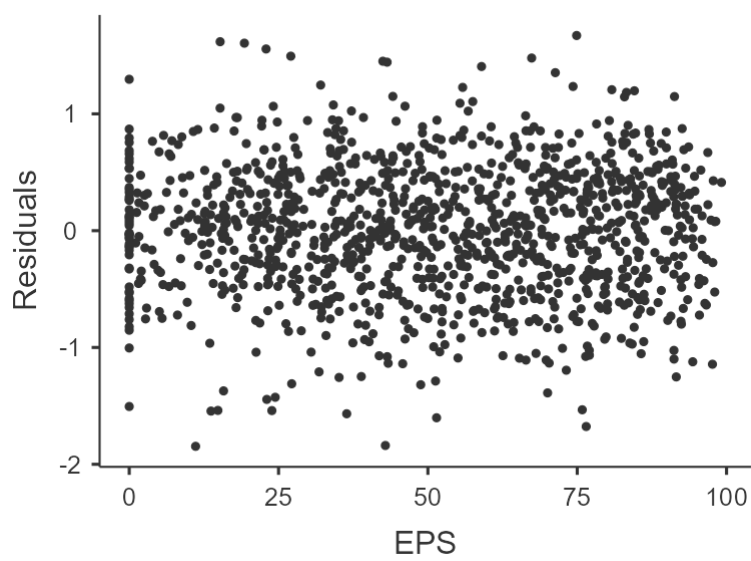
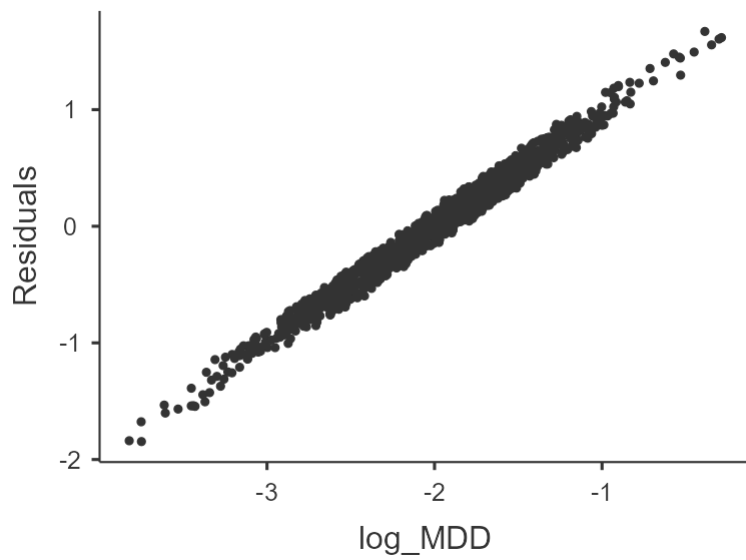
Statistic	p
0.99693	0.02048

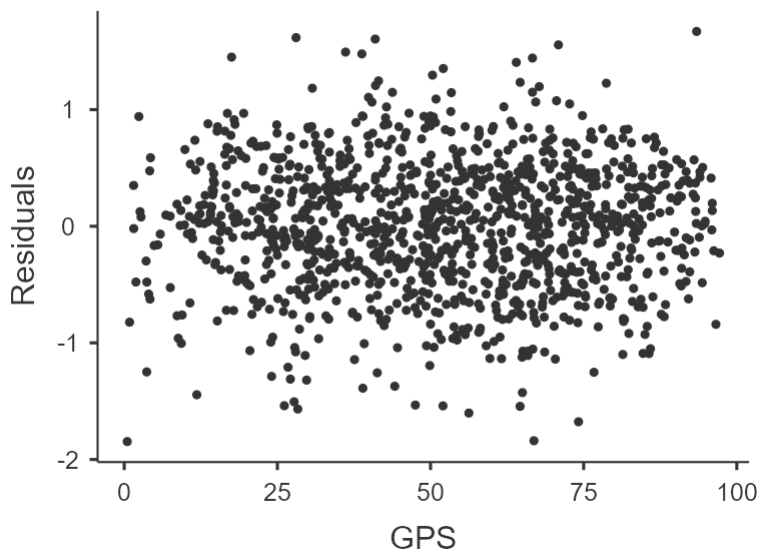
Q-Q Plot



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>.