

# Results

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>	Overall Model Test			
			F	df1	df2	p
1	0.22828	0.05211	21.80803	3	1190	< .00001

Model Coefficients - log\_MDD

Predictor	Estimate	SE	t	p
Intercept	-1.95792	0.05707	-34.30798	< .00001
EPS	-0.00331	0.00089	-3.73516	0.00020
SPS	-0.00262	0.00106	-2.46915	0.01368
GPS	-0.00007	0.00082	-0.08270	0.93410

### Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.00818	1.98292	0.81800

[3]

Collinearity Statistics

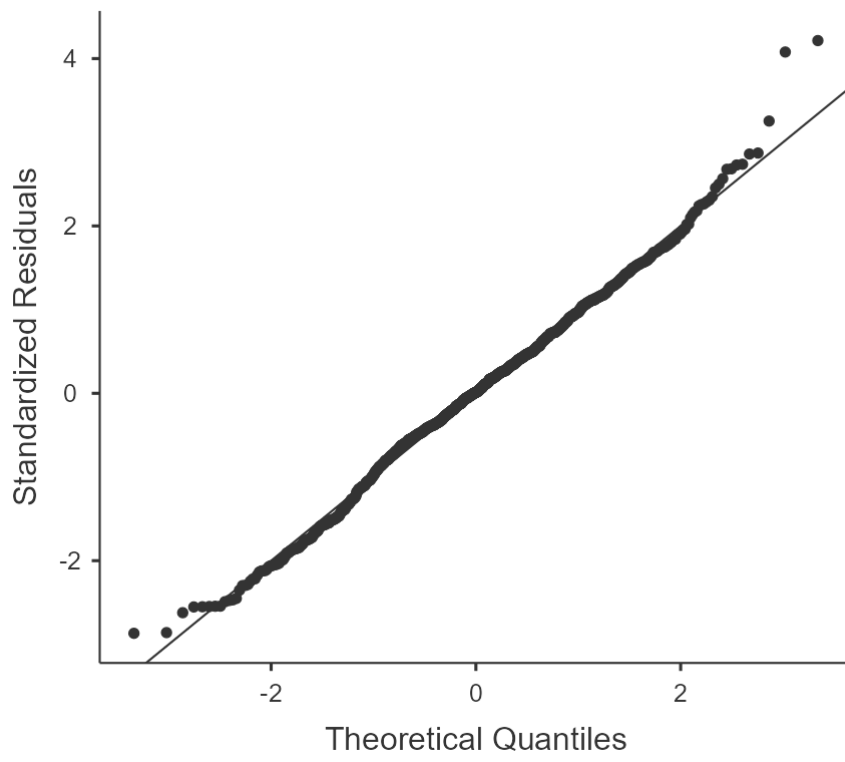
	VIF	Tolerance
EPS	1.95716	0.51094
SPS	2.00628	0.49843
GPS	1.22088	0.81908

[3]

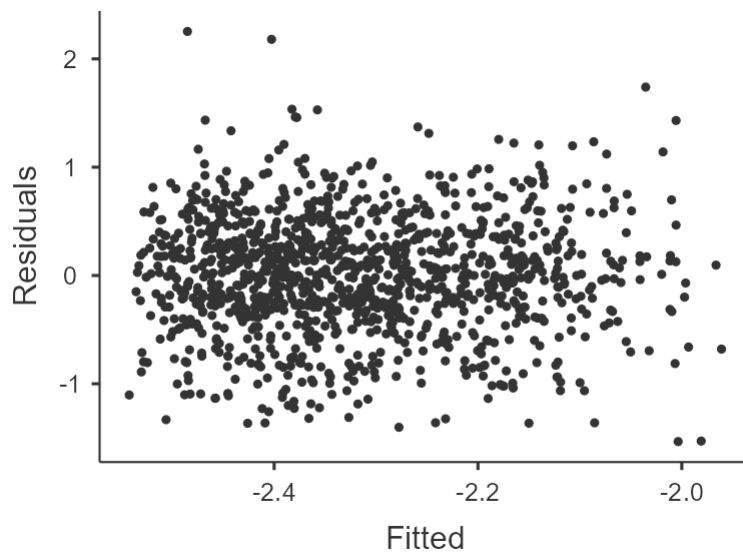
Normality Test (Shapiro-Wilk)

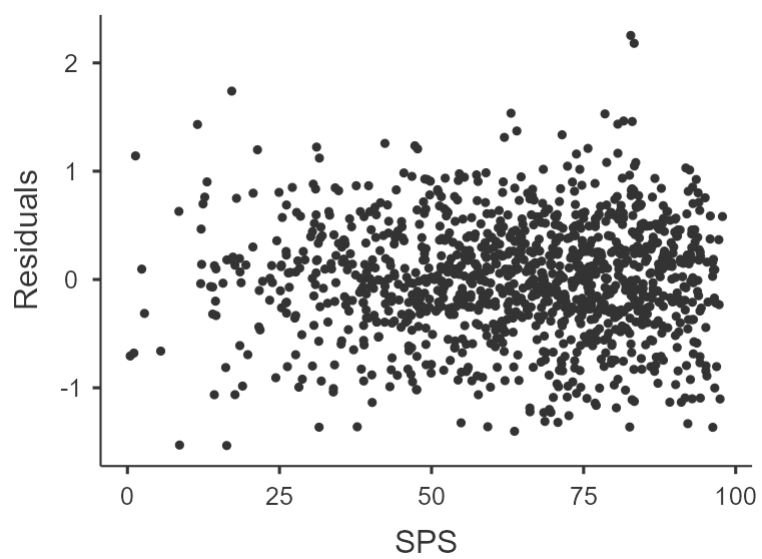
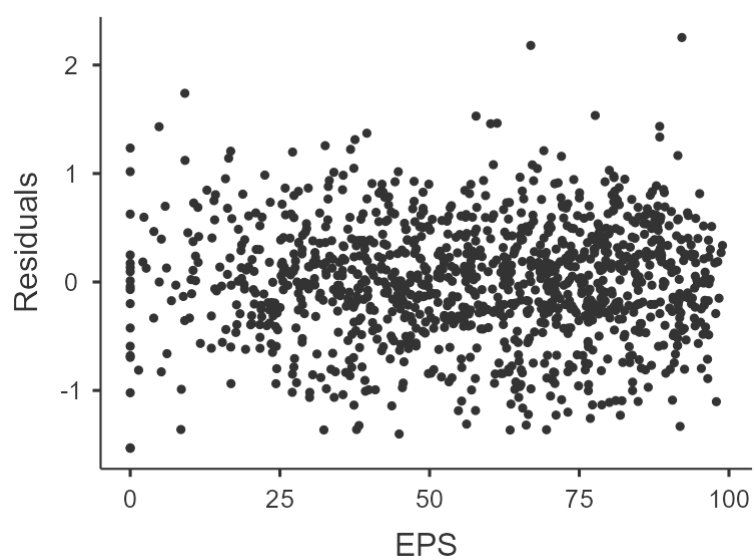
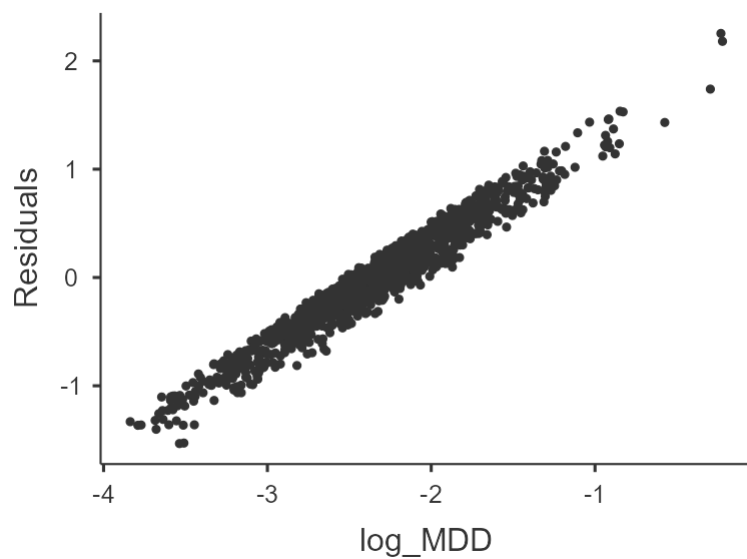
Statistic	p
0.99507	0.00062

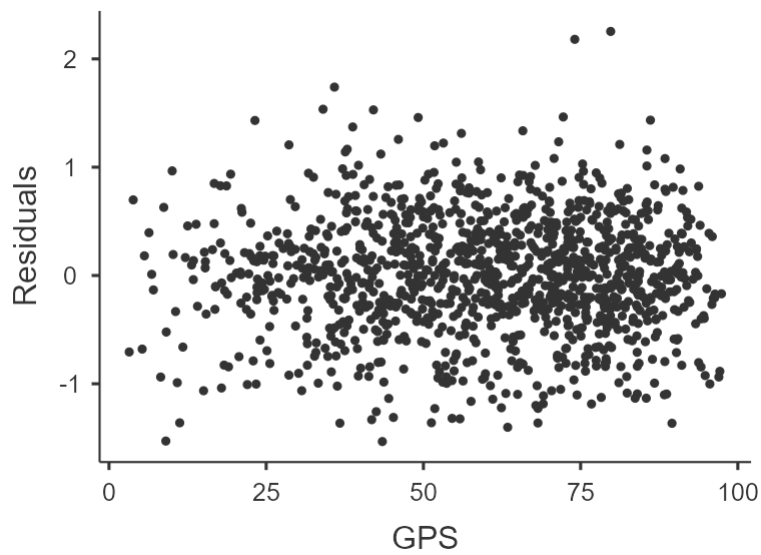
### Q-Q Plot



#### 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>.