

# Results

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>	Overall Model Test			
			F	df1	df2	p
1	0.07379	0.00544	2.16605	3	1187	0.09033

Model Coefficients - log\_MDD

Predictor	Estimate	SE	t	p
Intercept	-1.87796	0.04520	-41.54601	< .00001
EPS	0.00036	0.00075	0.47596	0.63419
SPS	-0.00196	0.00091	-2.15882	0.03106
GPS	0.00030	0.00070	0.43255	0.66542

### Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.01184	1.97629	0.69000

[3]

Collinearity Statistics

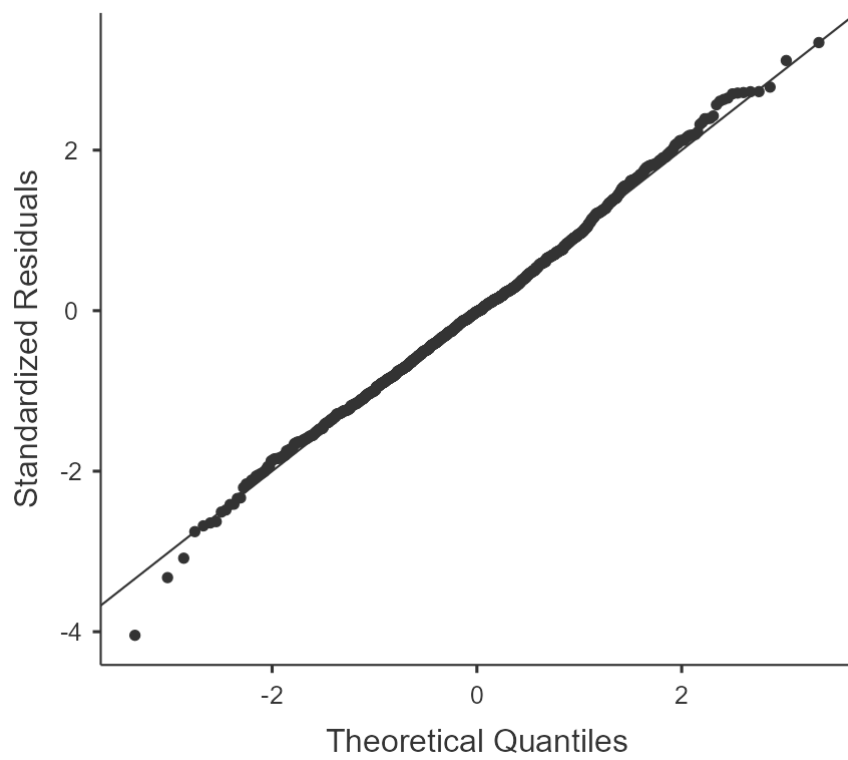
	VIF	Tolerance
EPS	2.09539	0.47724
SPS	2.13255	0.46892
GPS	1.27005	0.78737

[3]

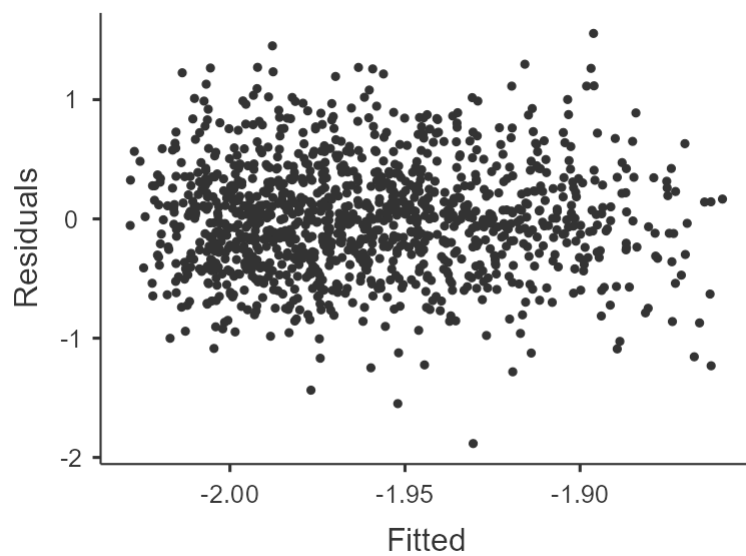
Normality Test (Shapiro-Wilk)

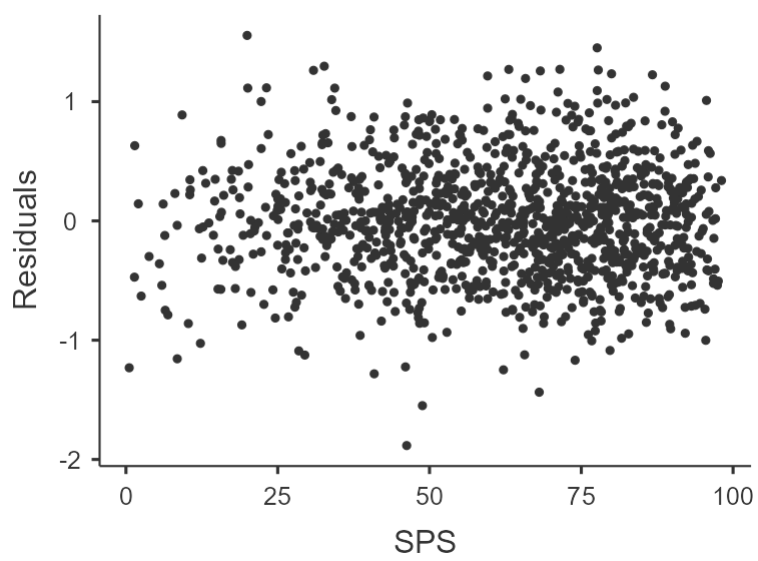
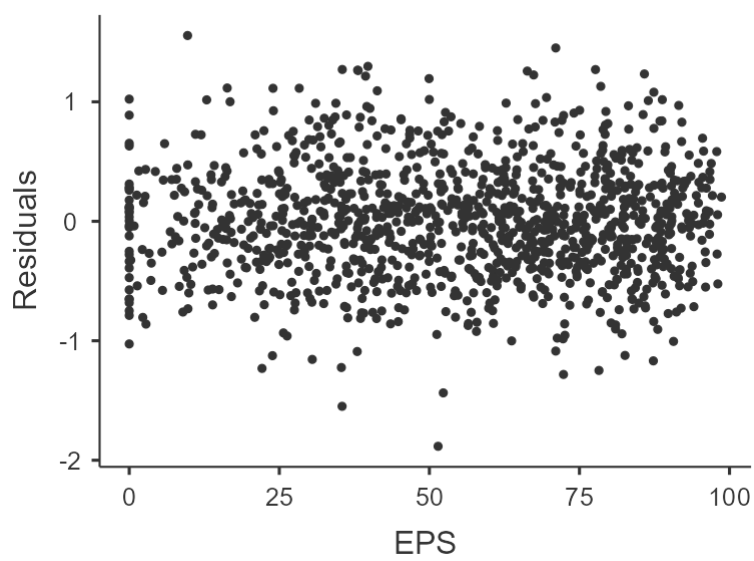
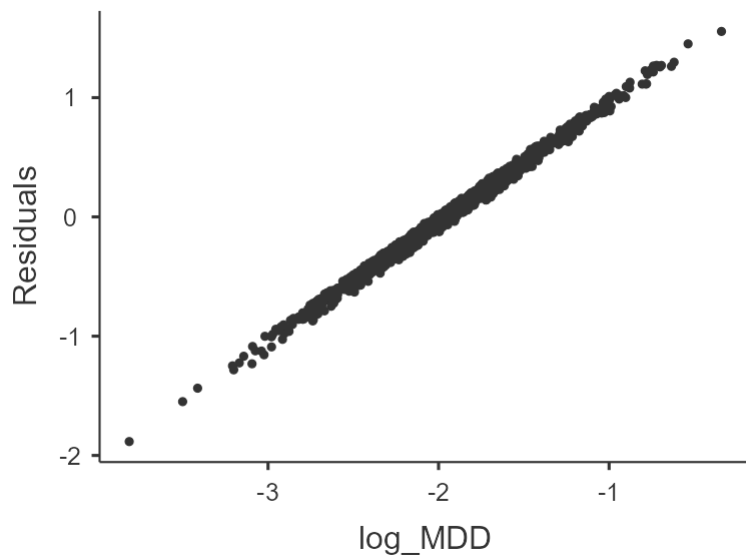
Statistic	p
0.99704	0.02546

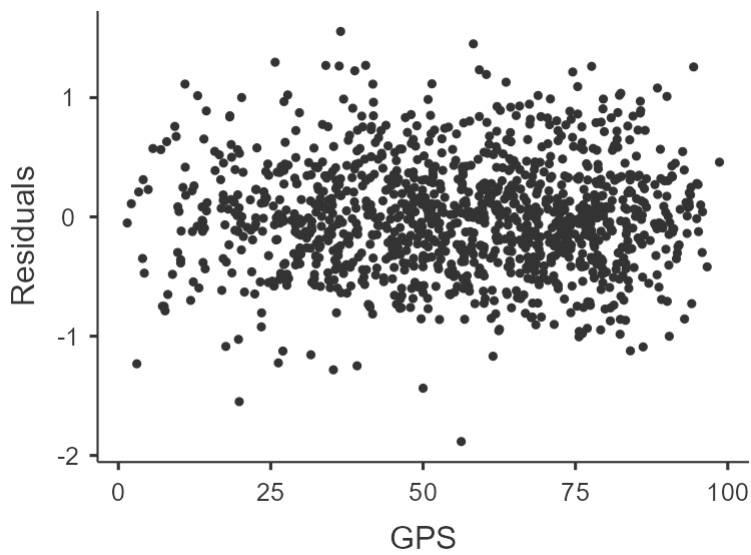
### Q-Q Plot



#### 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>.