

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.04207	0.00177	0.70156	3	1187	0.55116

Model Coefficients - SR

Predictor	Estimate	SE	t	p
Intercept	-0.54955	0.08180	-6.71803	< .00001
EPS	-0.00055	0.00124	-0.44424	0.65695
SPS	-0.00025	0.00147	-0.17083	0.86439
GPS	0.00162	0.00113	1.43158	0.15253

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.02704	1.94591	0.36600

[3]

Collinearity Statistics

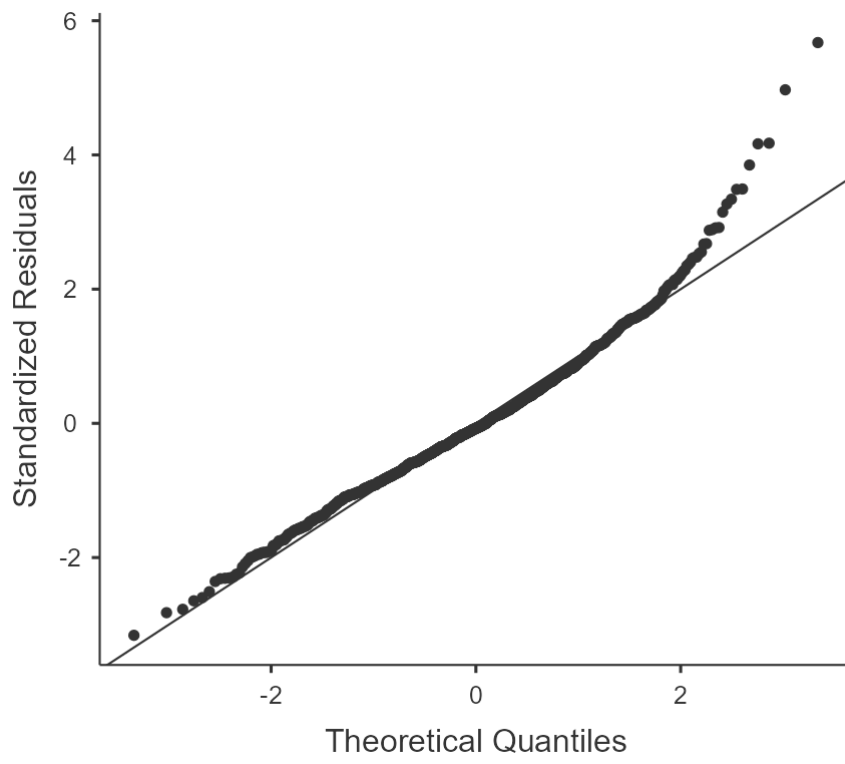
	VIF	Tolerance
EPS	1.88102	0.53163
SPS	1.92358	0.51987
GPS	1.20742	0.82822

[3]

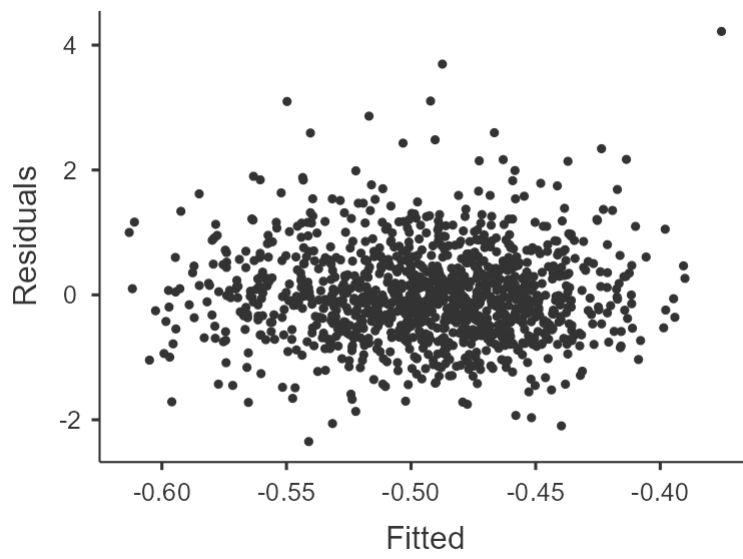
Normality Test (Shapiro-Wilk)

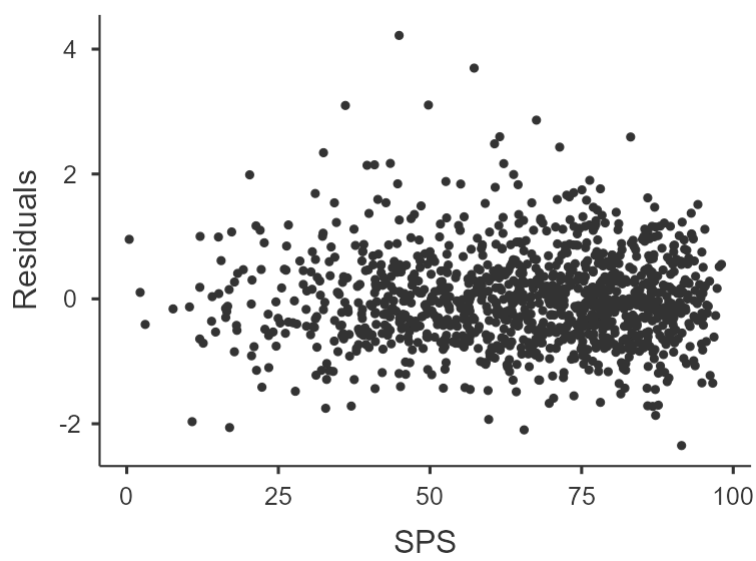
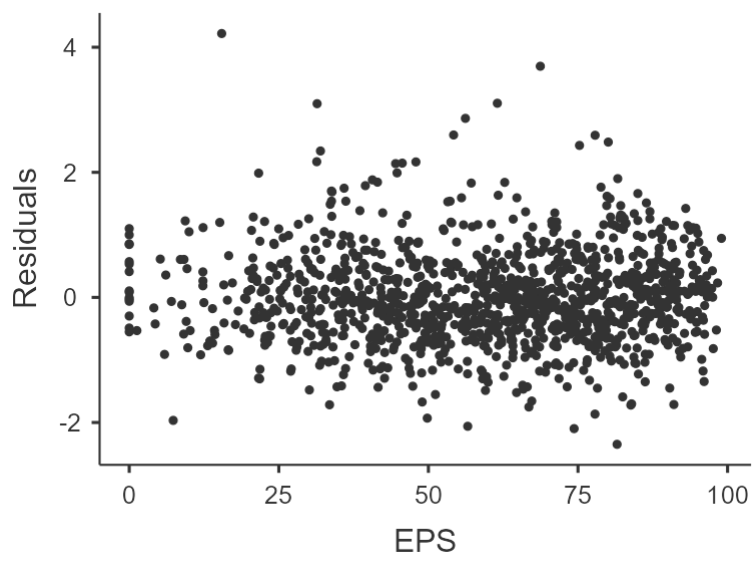
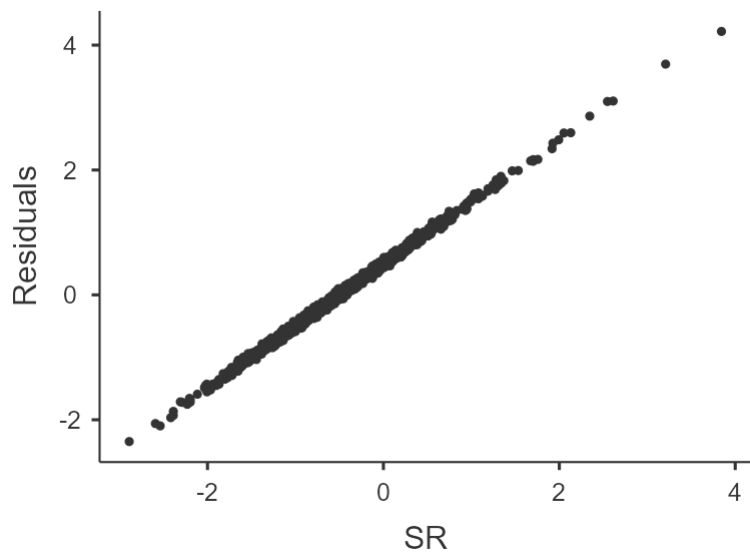
Statistic	p
0.98534	< .00001

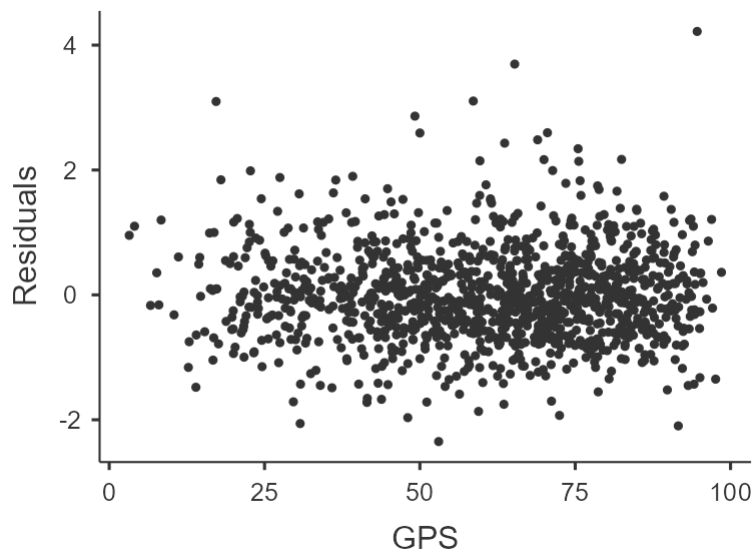
Q-Q Plot



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>.