

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.14740	0.02173	8.81020	3	1190	< .00001

Model Coefficients - SR

Predictor	Estimate	SE	t	p
Intercept	0.27522	0.10186	2.70200	0.00699
EPS	0.00653	0.00153	4.28069	0.00002
SPS	-0.00232	0.00177	-1.31007	0.19043
GPS	0.00123	0.00135	0.91122	0.36236

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.07406	1.85021	0.00800

[3]

Collinearity Statistics

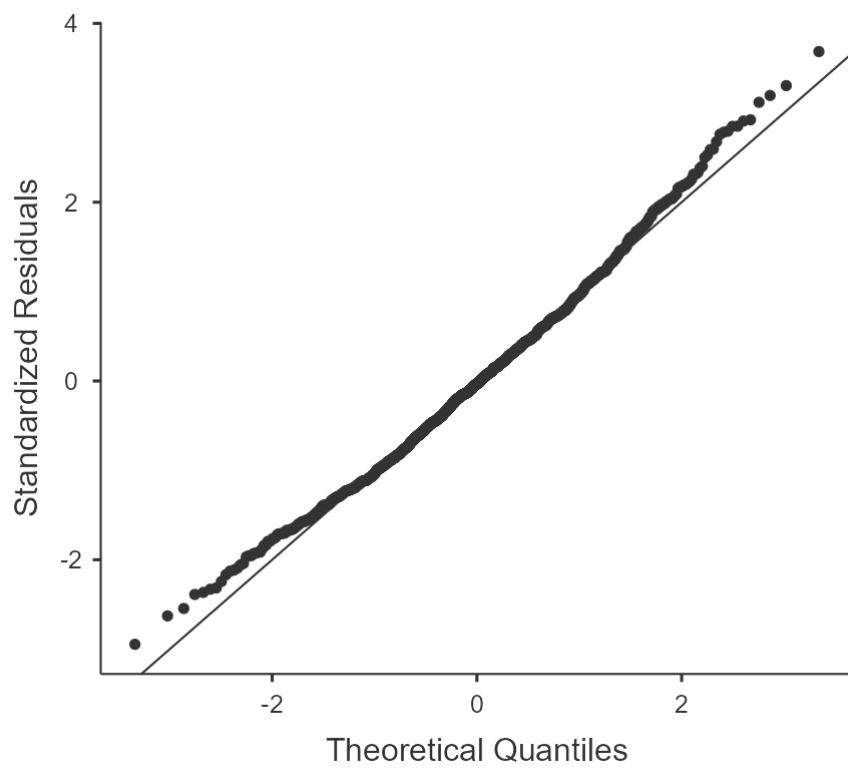
	VIF	Tolerance
EPS	1.81869	0.54985
SPS	1.84972	0.54062
GPS	1.17173	0.85344

[3]

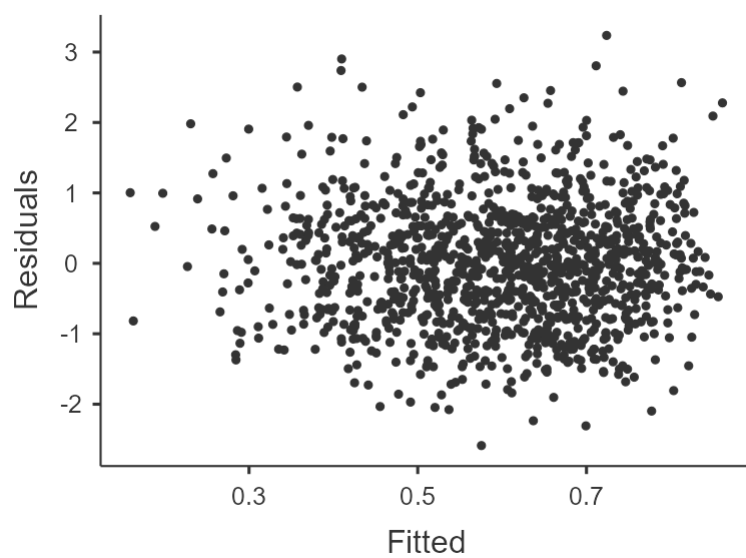
Normality Test (Shapiro-Wilk)

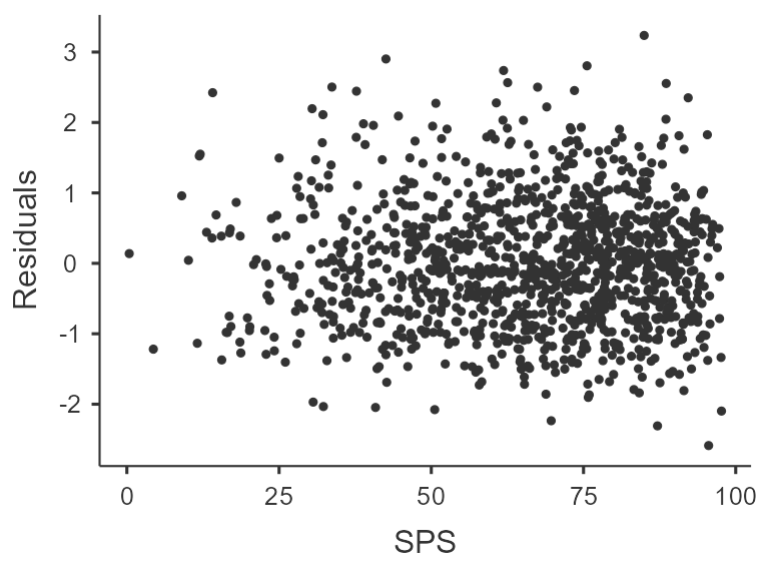
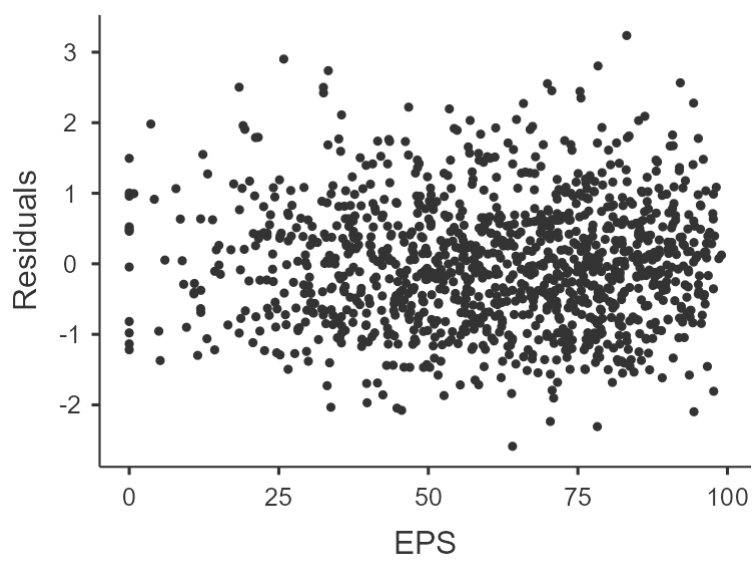
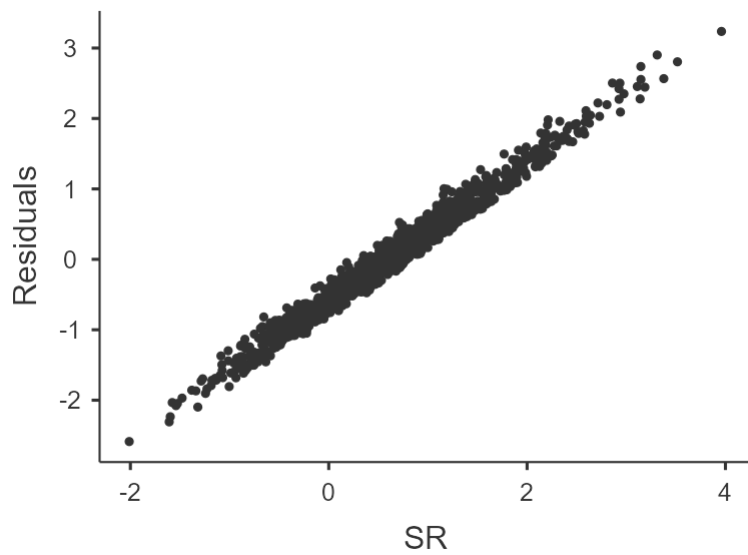
Statistic	p
0.99353	0.00005

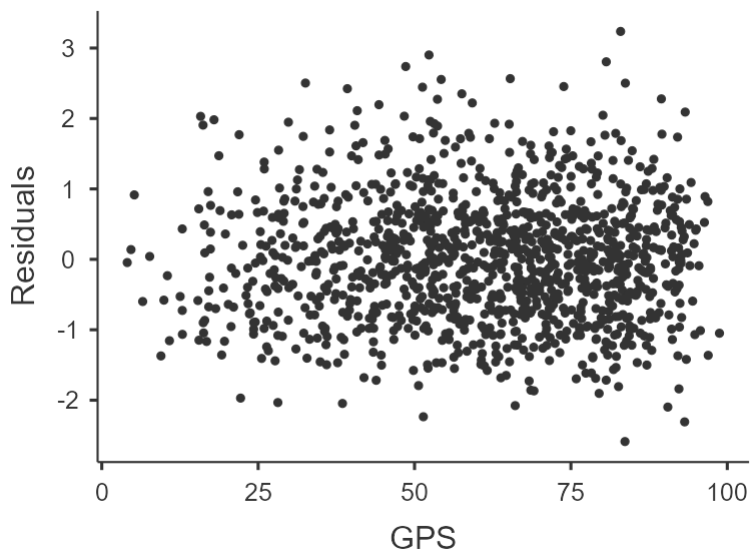
Q-Q Plot



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>.