

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.03926	0.00154	0.61225	3	1190	0.60711

Model Coefficients - SR

Predictor	Estimate	SE	t	p
Intercept	0.10527	0.07879	1.33616	0.18175
EPS	-0.00184	0.00138	-1.33285	0.18284
SPS	0.00125	0.00167	0.74881	0.45412
GPS	0.00021	0.00129	0.16157	0.87167

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.02079	1.95765	0.40200

[3]

Collinearity Statistics

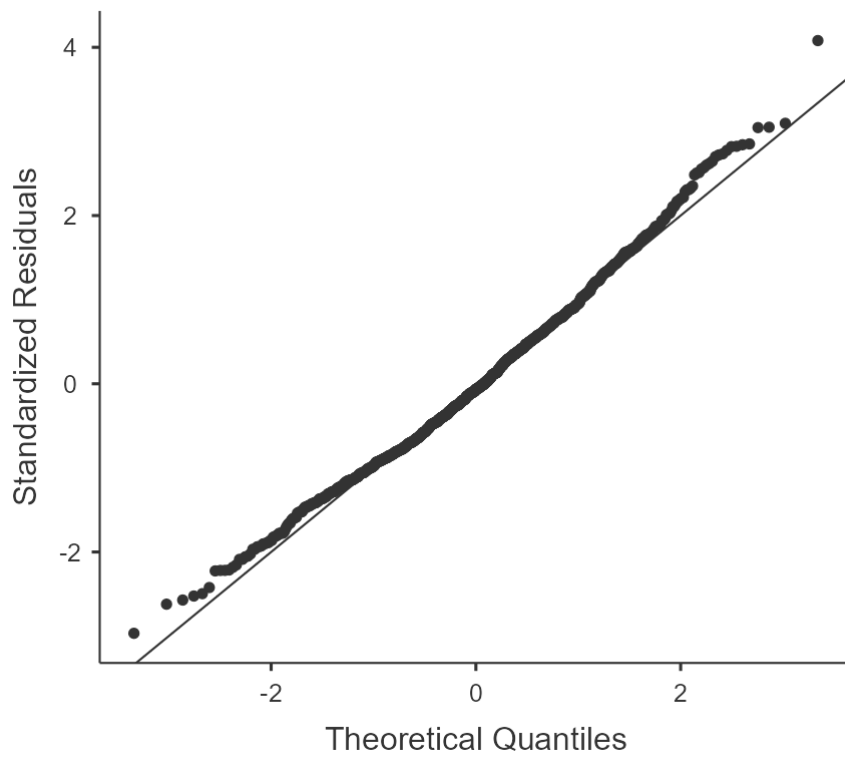
	VIF	Tolerance
EPS	2.15821	0.46335
SPS	2.16945	0.46095
GPS	1.31442	0.76079

[3]

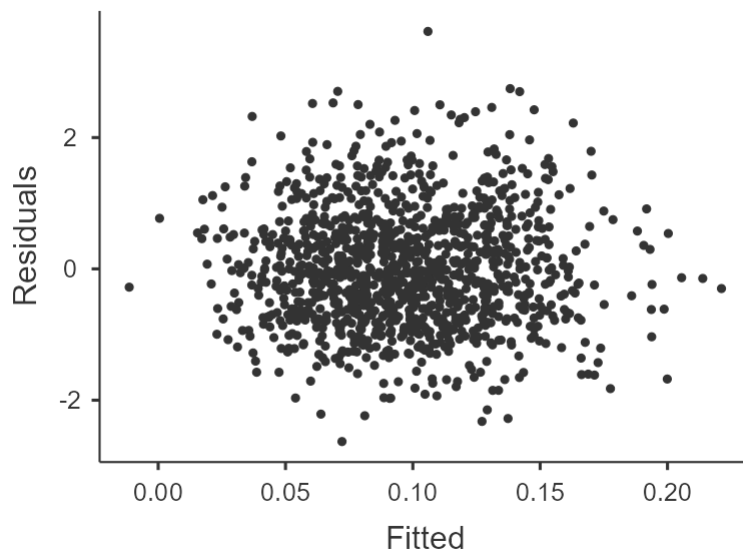
Normality Test (Shapiro-Wilk)

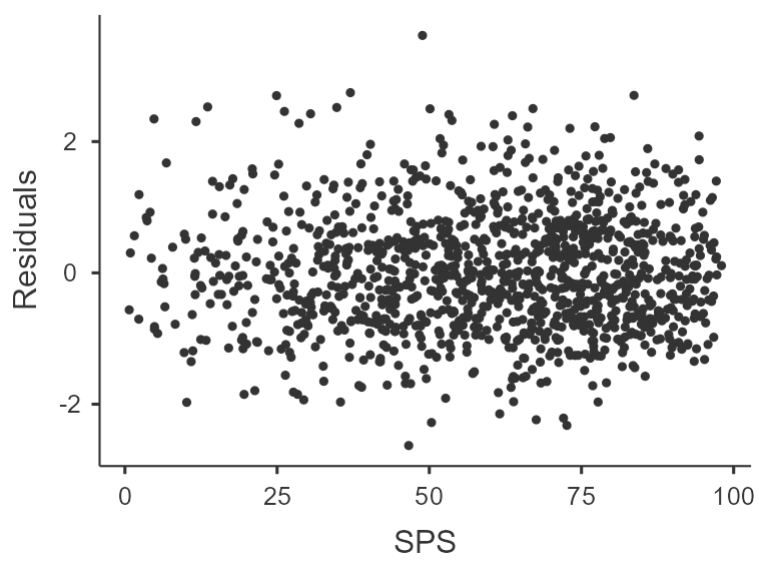
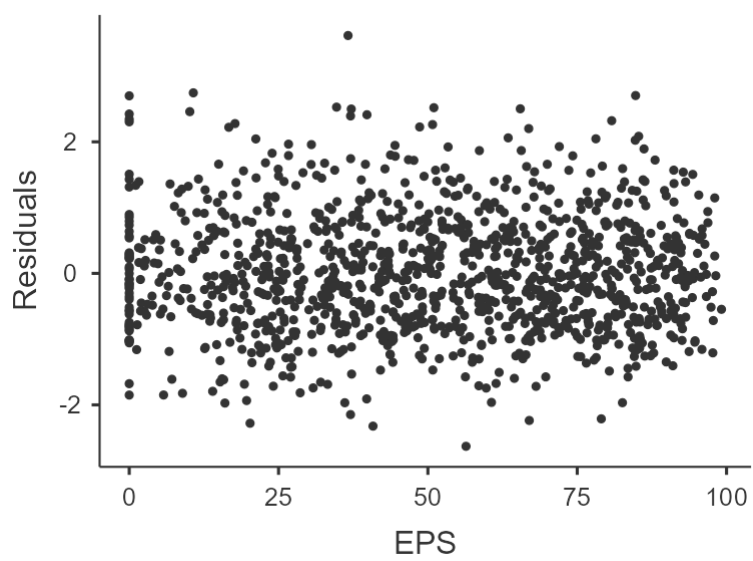
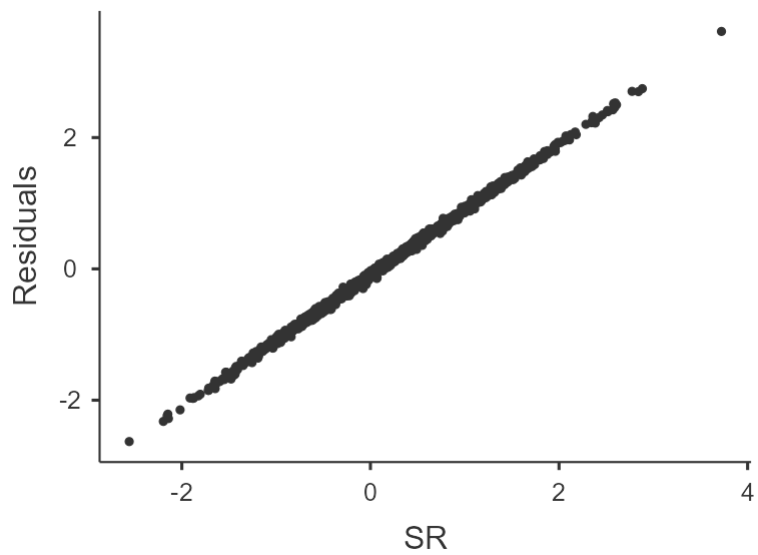
Statistic	p
0.99202	< .00001

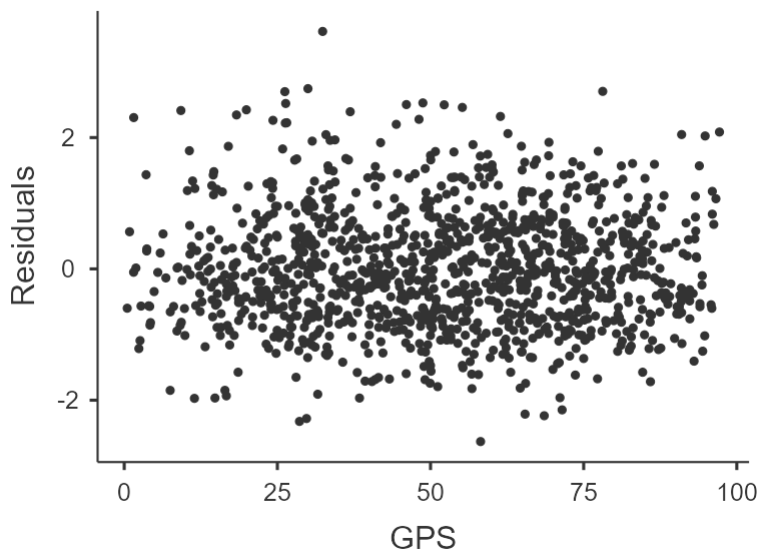
Q-Q Plot



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>.