

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.13035	0.01699	6.85053	3	1189	0.00014

Model Coefficients - SR

Predictor	Estimate	SE	t	p
Intercept	0.42772	0.09348	4.57537	< .00001
EPS	-0.00558	0.00155	-3.60698	0.00032
SPS	0.00333	0.00187	1.77916	0.07547
GPS	-0.00205	0.00144	-1.42373	0.15479

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.00383	2.00608	0.90600

[3]

Collinearity Statistics

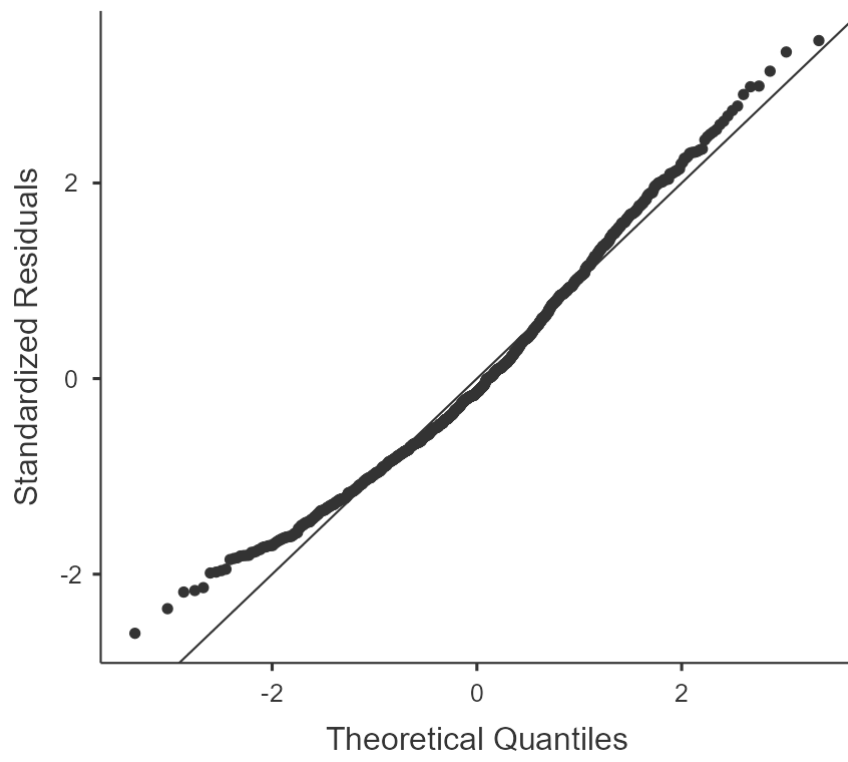
	VIF	Tolerance
EPS	2.08989	0.47849
SPS	2.12999	0.46948
GPS	1.26844	0.78837

[3]

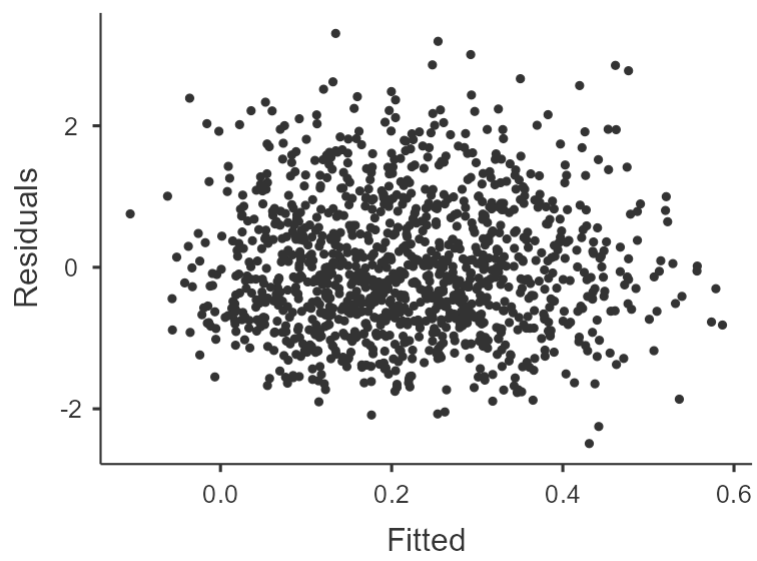
Normality Test (Shapiro-Wilk)

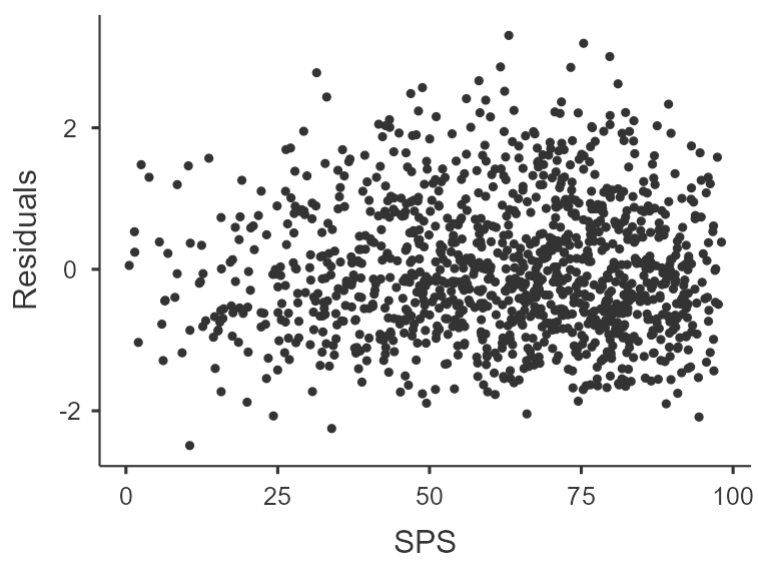
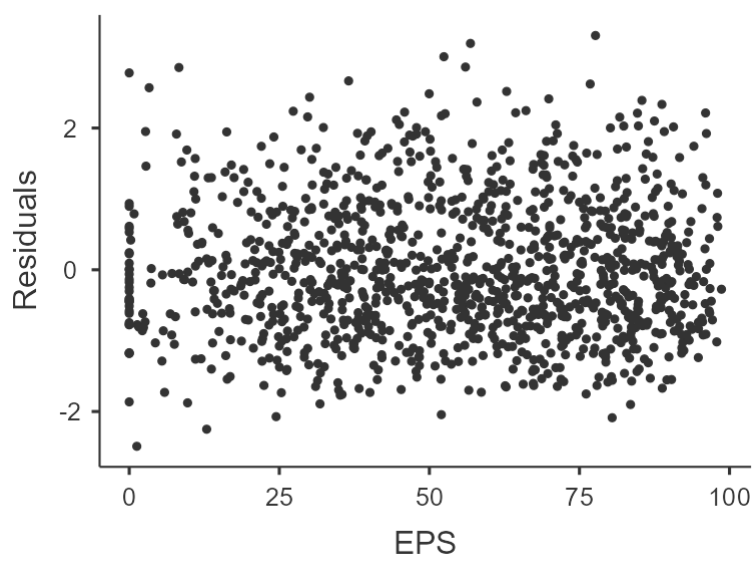
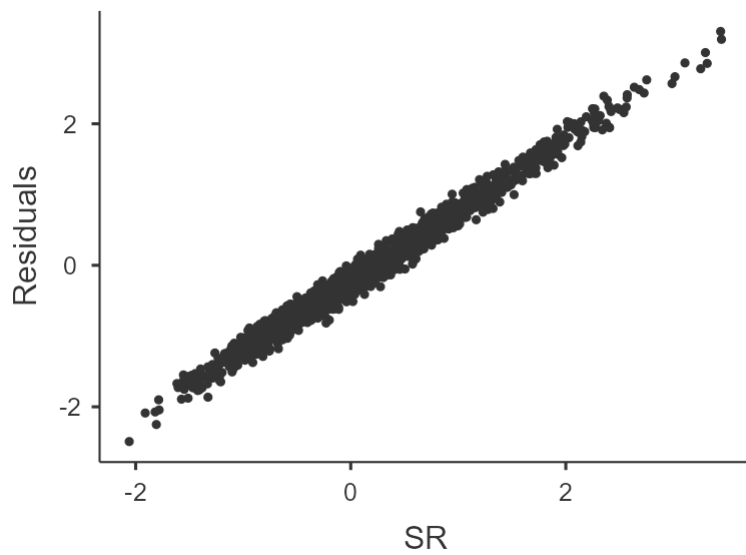
Statistic	p
0.98259	< .00001

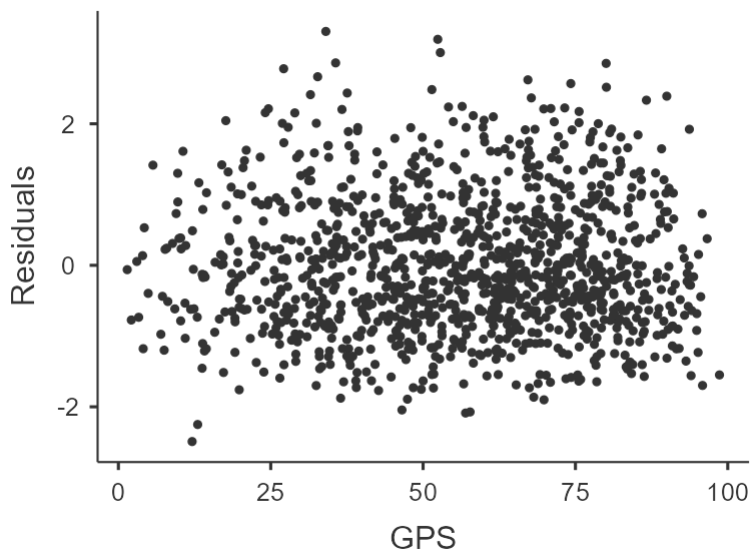
Q-Q Plot



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>.