

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.06609	0.00437	1.73740	3	1188	0.15752

Model Coefficients - SR

Predictor	Estimate	SE	t	p
Intercept	0.21480	0.08946	2.40101	0.01650
EPS	0.00173	0.00139	1.24661	0.21279
SPS	-0.00187	0.00166	-1.12839	0.25938
GPS	-0.00218	0.00128	-1.69780	0.08981

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.01090	2.02139	0.69200

[3]

Collinearity Statistics

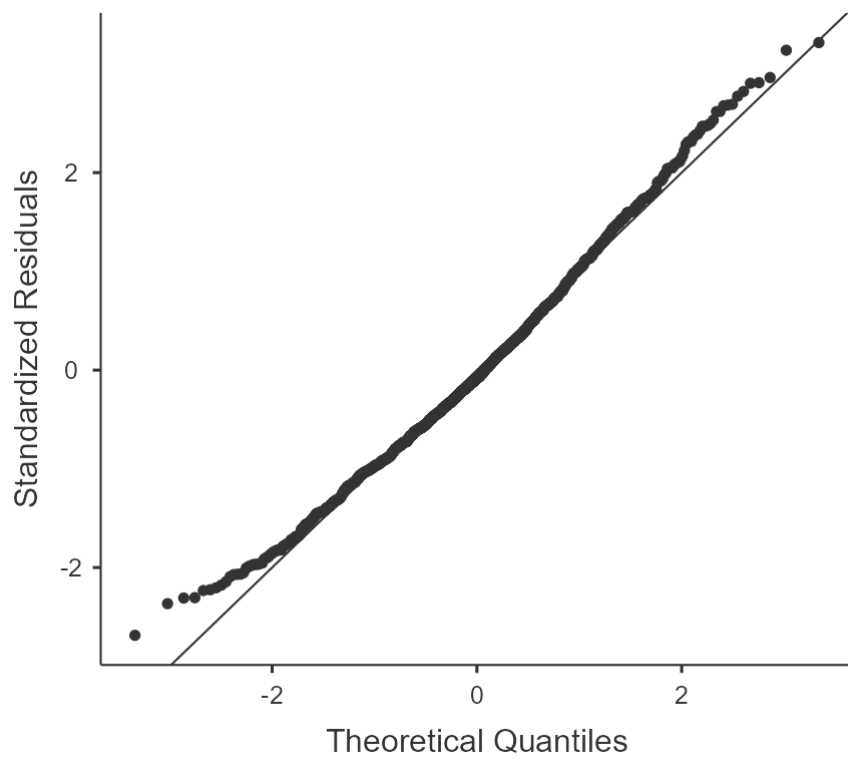
	VIF	Tolerance
EPS	1.95851	0.51059
SPS	2.00371	0.49907
GPS	1.22497	0.81635

[3]

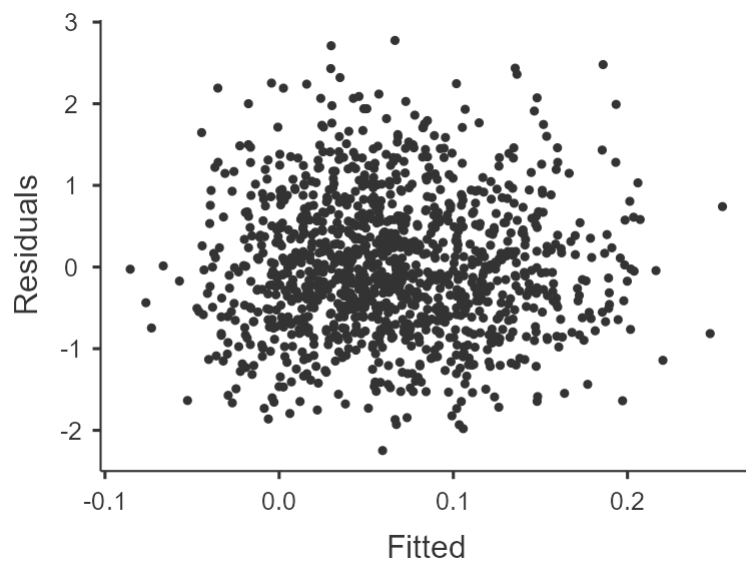
Normality Test (Shapiro-Wilk)

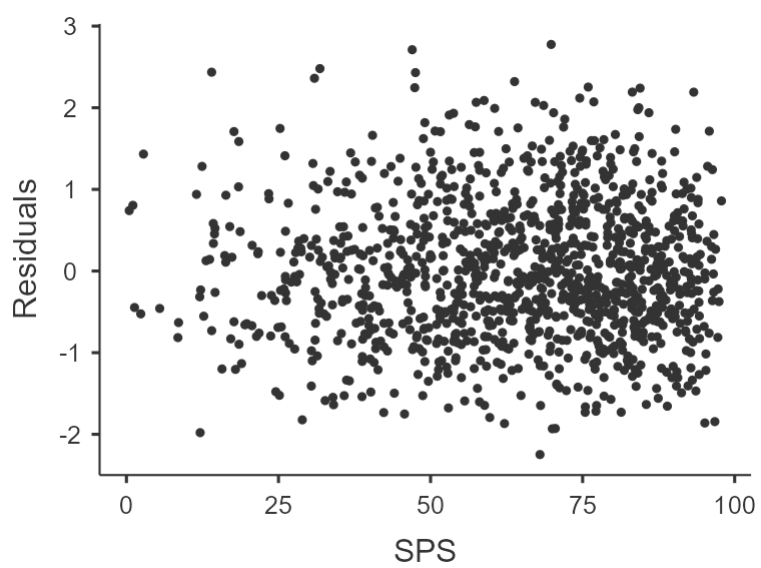
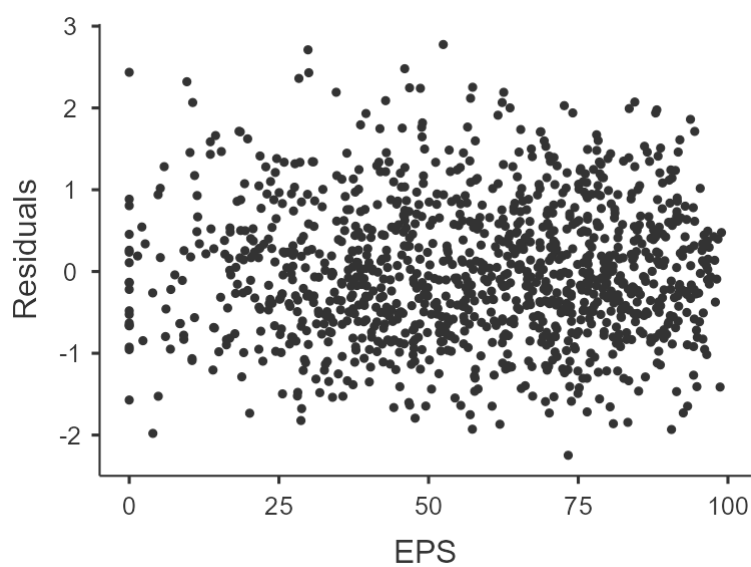
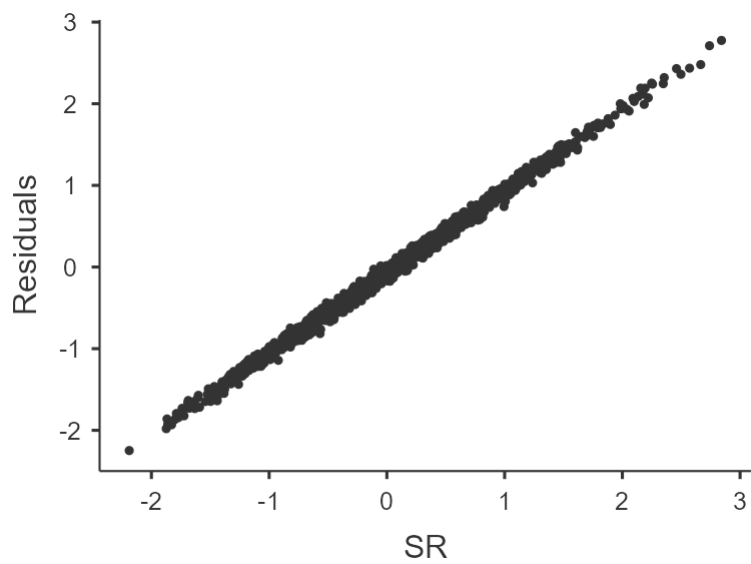
Statistic	p
0.99236	< .00001

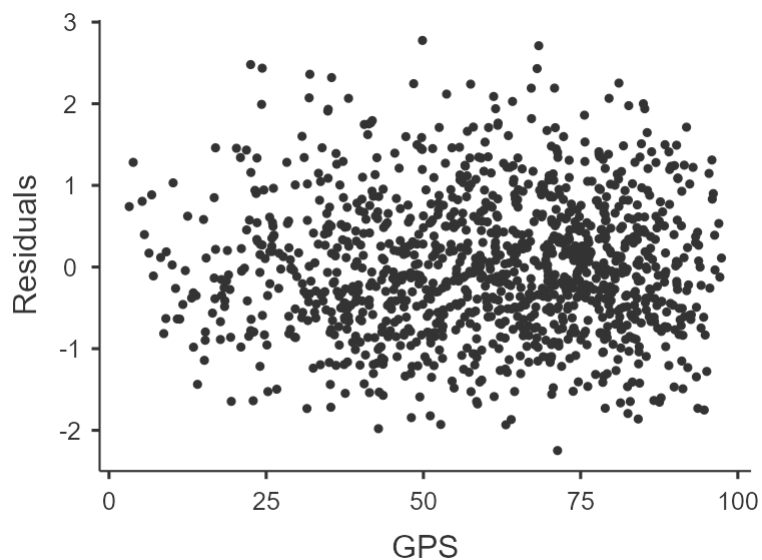
Q-Q Plot



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>.