

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.08298	0.00689	2.75041	3	1190	0.04156

Model Coefficients - SR

Predictor	Estimate	SE	t	p
Intercept	-0.08226	0.07492	-1.09796	0.27244
EPS	0.00279	0.00131	2.12138	0.03410
SPS	-0.00134	0.00160	-0.84066	0.40070
GPS	0.00104	0.00122	0.85029	0.39534

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.00036	1.99929	0.99200

[3]

Collinearity Statistics

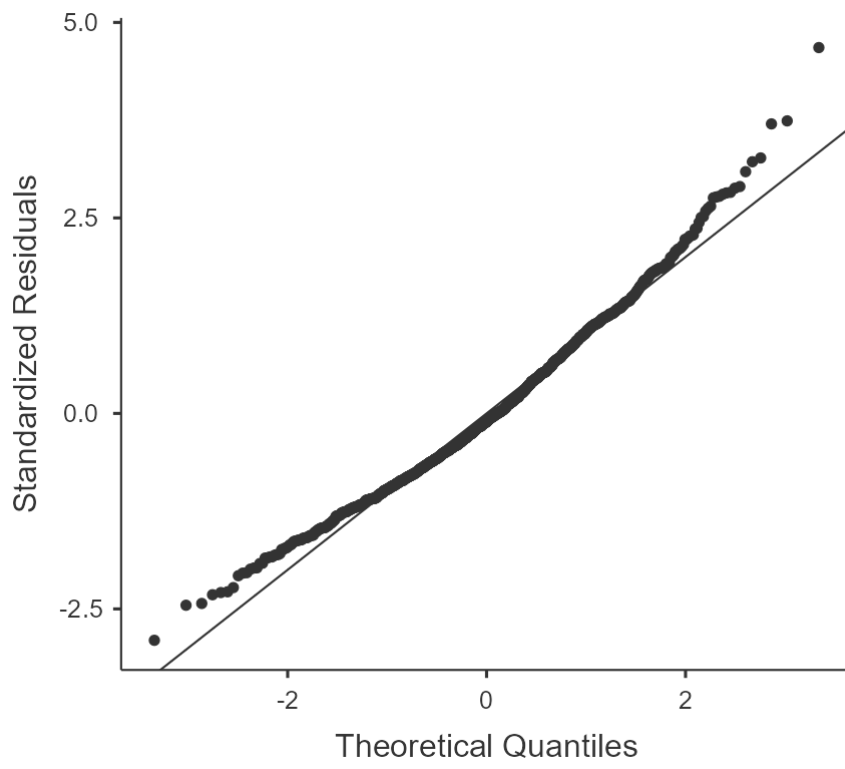
	VIF	Tolerance
EPS	2.15618	0.46378
SPS	2.17695	0.45936
GPS	1.31427	0.76088

[3]

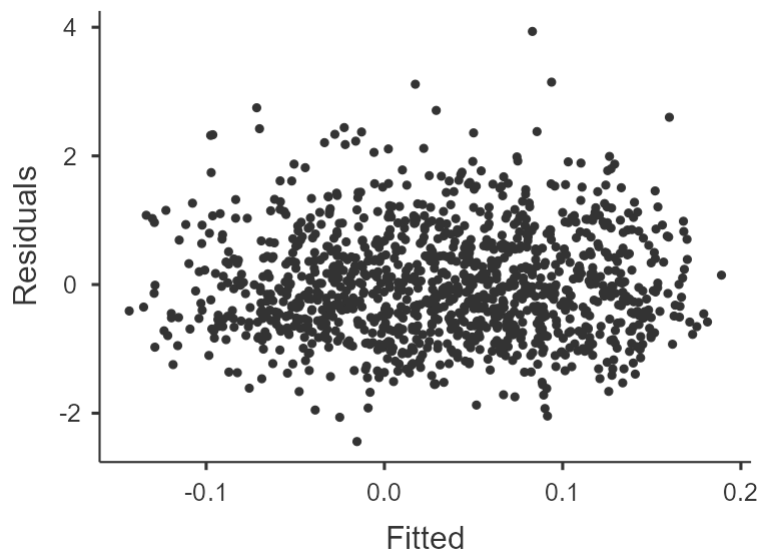
Normality Test (Shapiro-Wilk)

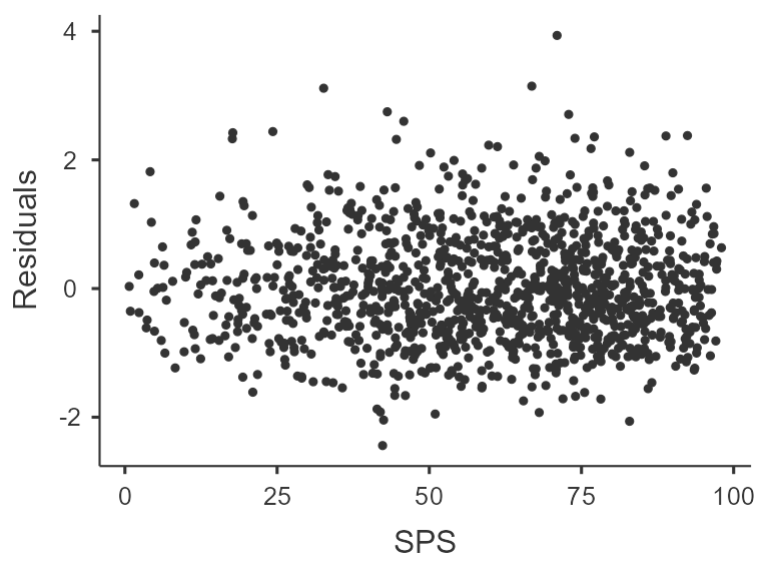
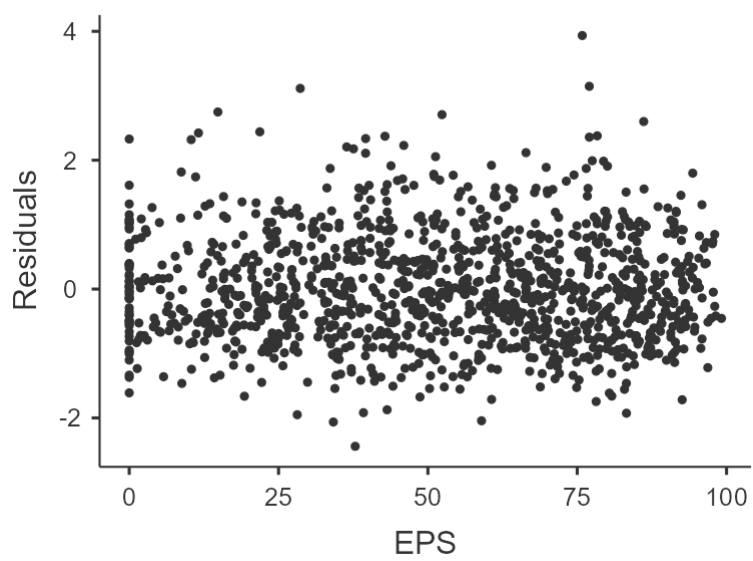
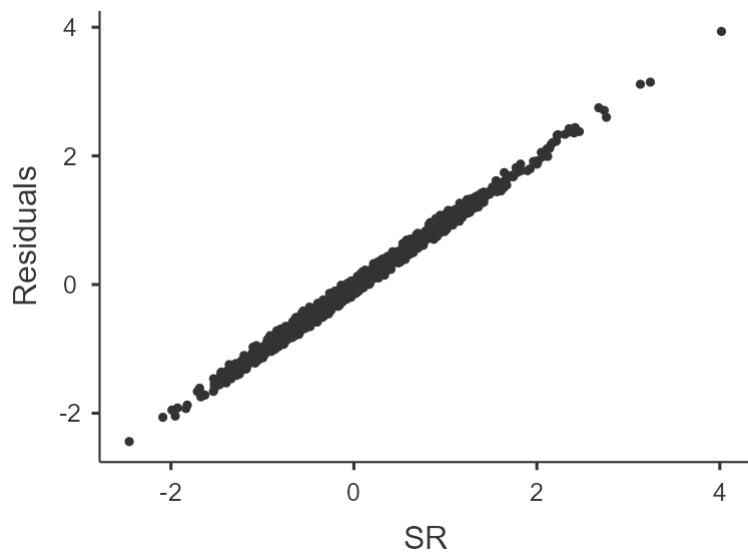
Statistic	p
0.98419	< .00001

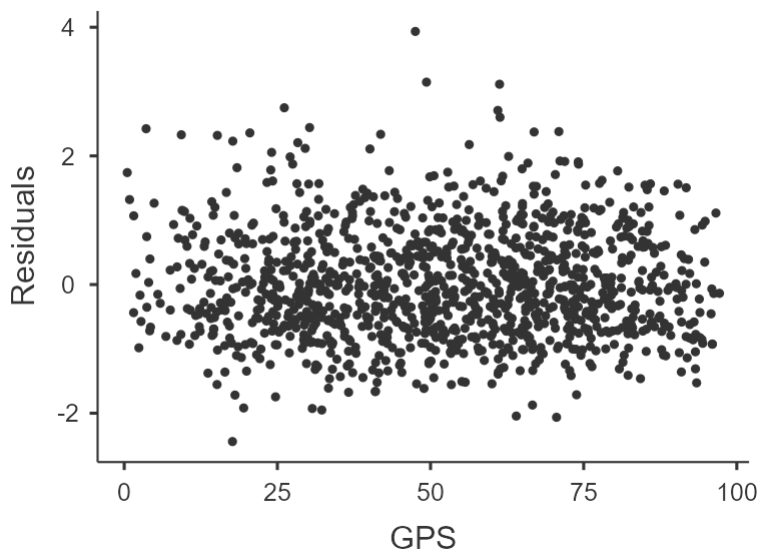
Q-Q Plot



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>.