

# Results

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>	Overall Model Test			
			F	df1	df2	p
1	0.09461	0.00895	3.58251	3	1190	0.01344

Model Coefficients - SR

Predictor	Estimate	SE	t	p
Intercept	0.55010	0.09084	6.05569	< .00001
EPS	0.00432	0.00141	3.06144	0.00225
SPS	-0.00193	0.00168	-1.14456	0.25262
GPS	-0.00050	0.00130	-0.38178	0.70269

### Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.00770	2.01438	0.80400

[3]

Collinearity Statistics

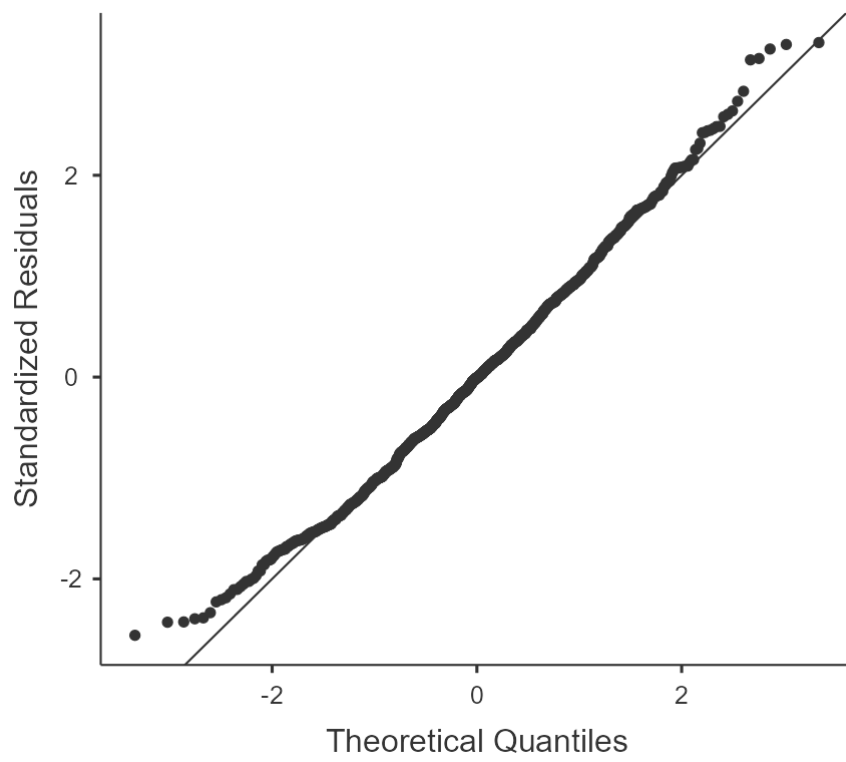
	VIF	Tolerance
EPS	1.95789	0.51075
SPS	2.00398	0.49901
GPS	1.22080	0.81913

[3]

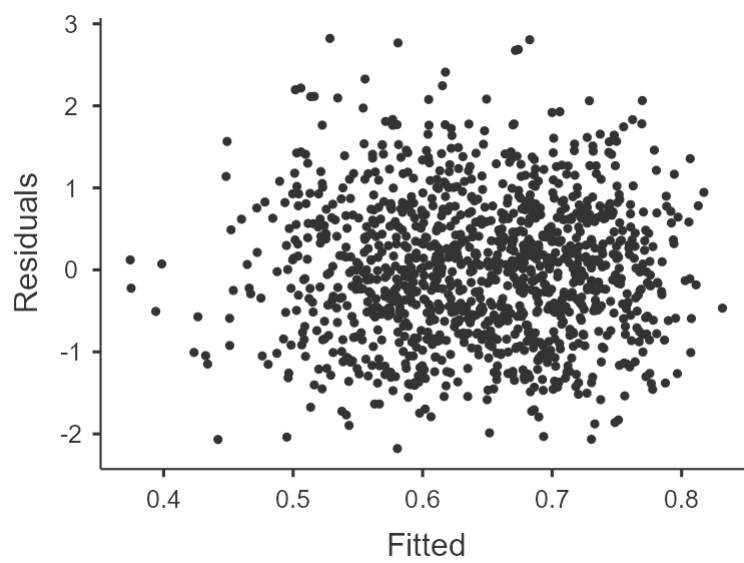
Normality Test (Shapiro-Wilk)

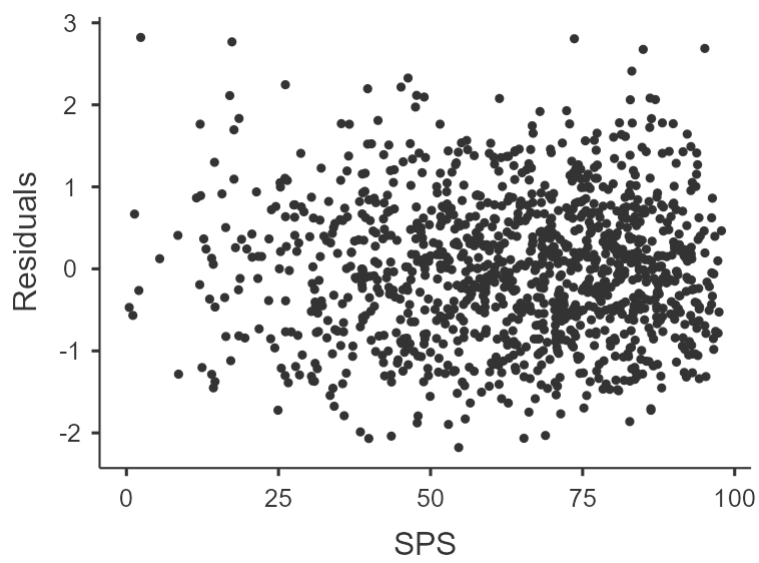
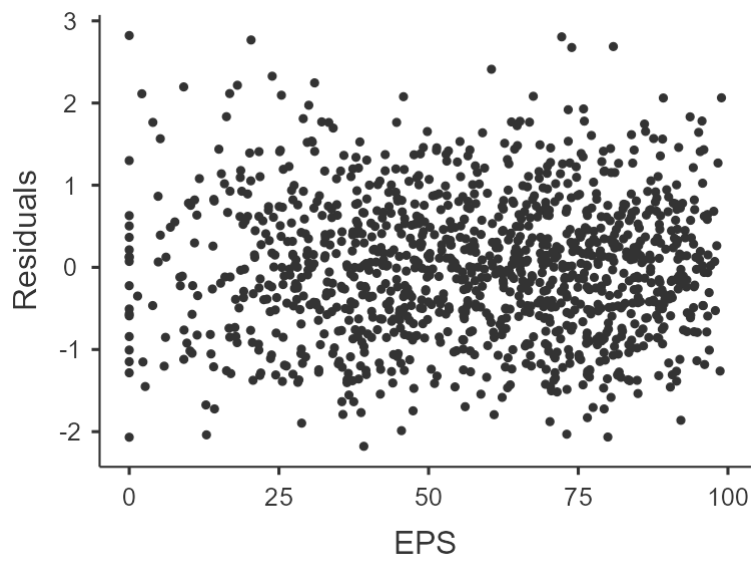
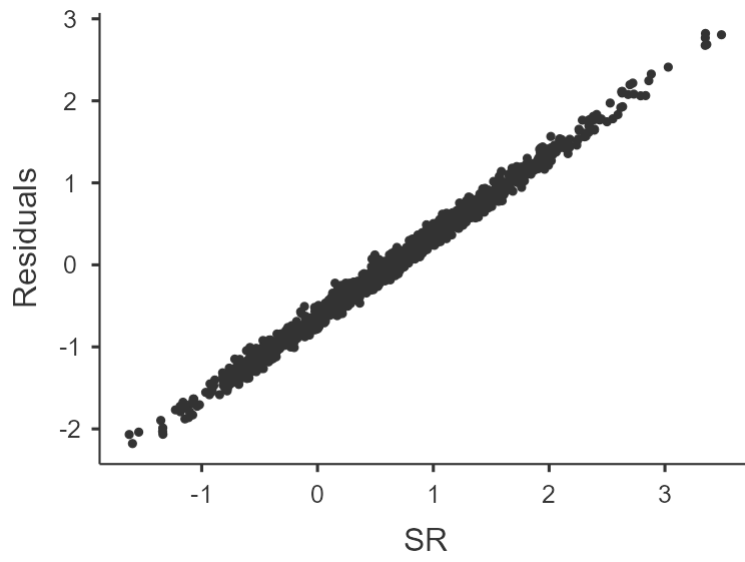
Statistic	p
0.99497	0.00052

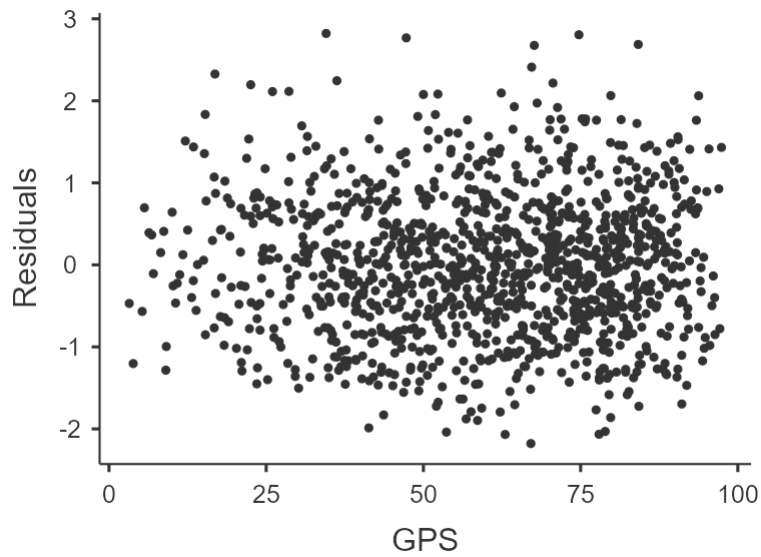
### Q-Q Plot



### 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>.