

# Results

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>	Overall Model Test			
			F	df1	df2	p
1	0.09116	0.00831	3.32383	3	1190	0.01913

Model Coefficients - SR

Predictor	Estimate	SE	t	p
Intercept	0.13918	0.09878	1.40904	0.15908
EPS	0.00050	0.00154	0.32825	0.74278
SPS	0.00392	0.00183	2.13792	0.03273
GPS	-0.00078	0.00141	-0.55370	0.57989

### Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.00855	1.98244	0.82200

[3]

Collinearity Statistics

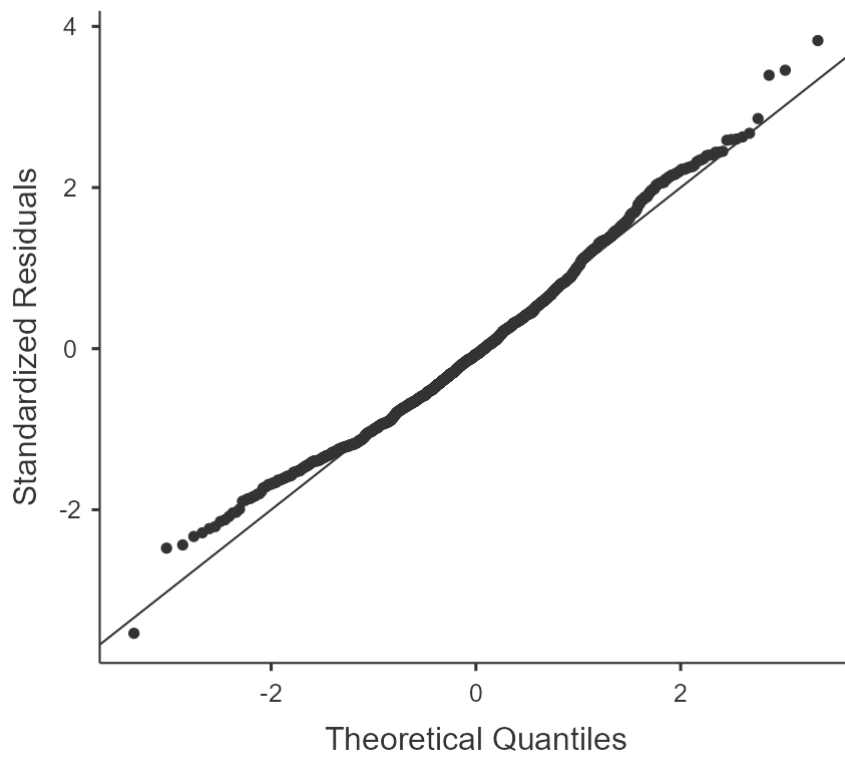
	VIF	Tolerance
EPS	1.95716	0.51094
SPS	2.00628	0.49843
GPS	1.22088	0.81908

[3]

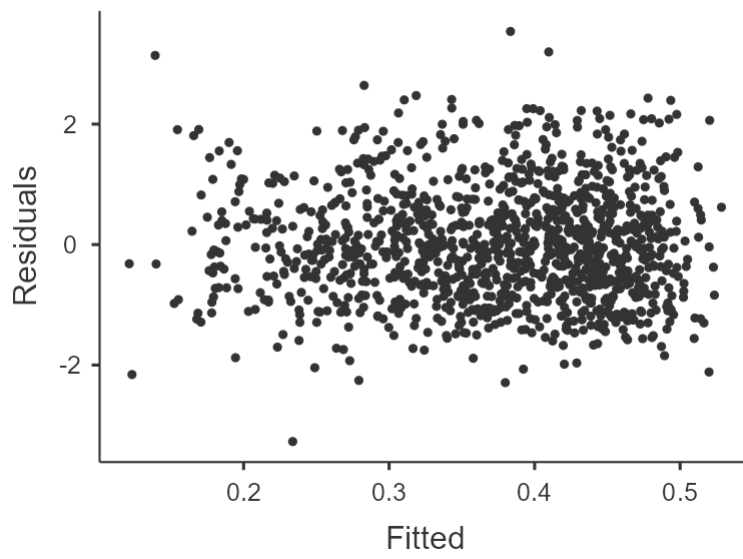
Normality Test (Shapiro-Wilk)

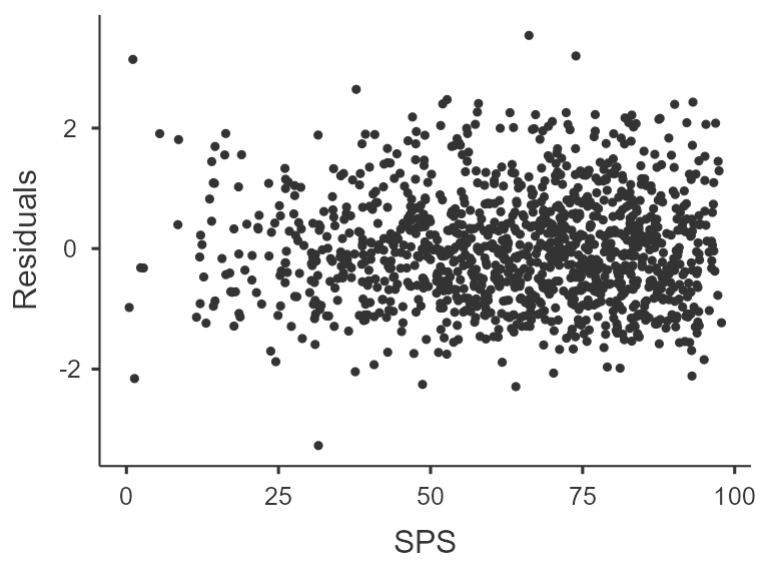
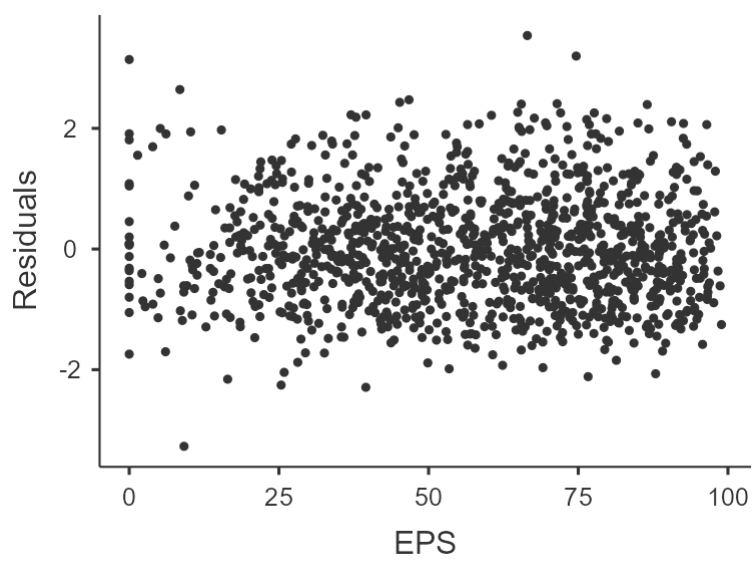
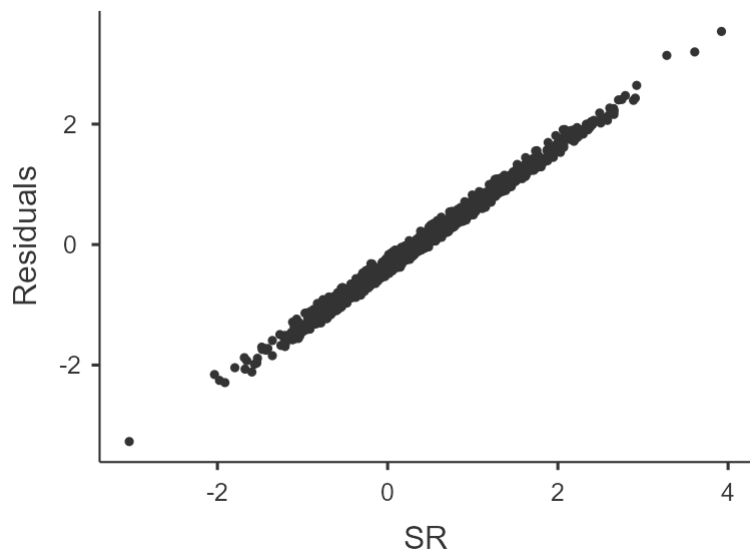
Statistic	p
0.98828	< .00001

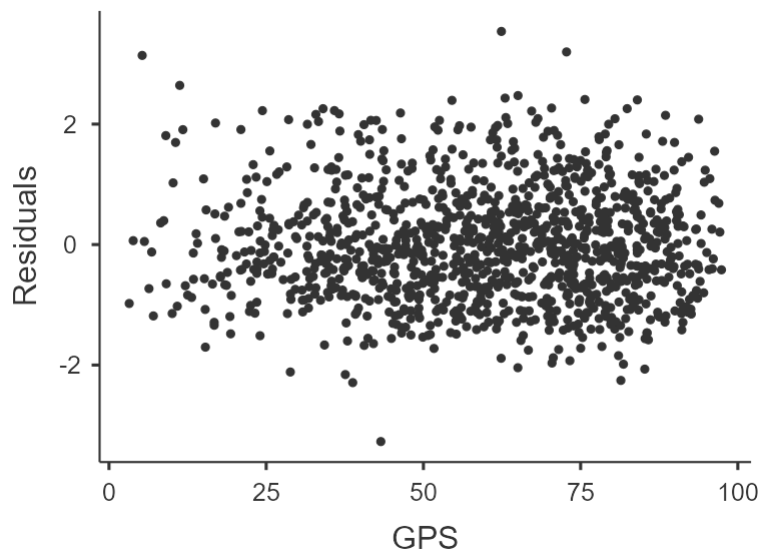
### Q-Q Plot



#### 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>.