

# Results

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>	Overall Model Test			
			F	df1	df2	p
1	0.05755	0.00331	1.31710	3	1189	0.26731

Model Coefficients - SR

Predictor	Estimate	SE	t	p
Intercept	-0.57089	0.10835	-5.26881	< .00001
EPS	0.00308	0.00163	1.88895	0.05914
SPS	-0.00125	0.00187	-0.66807	0.50422
GPS	-0.00079	0.00144	-0.55065	0.58198

### Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.04453	1.90994	0.10400

[3]

Collinearity Statistics

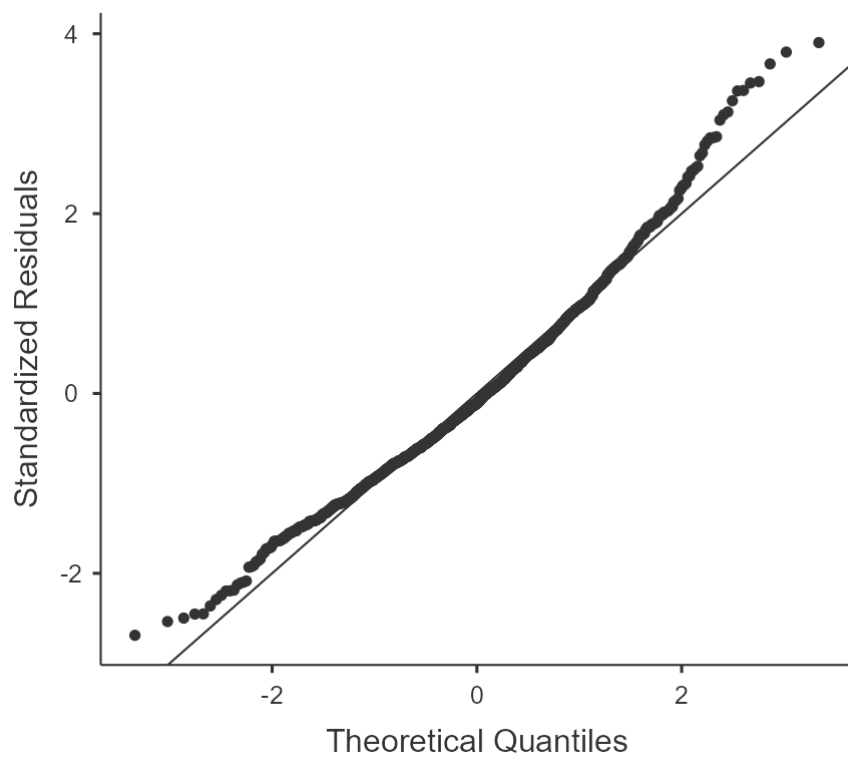
	VIF	Tolerance
EPS	1.81413	0.55123
SPS	1.83586	0.54470
GPS	1.17555	0.85067

[3]

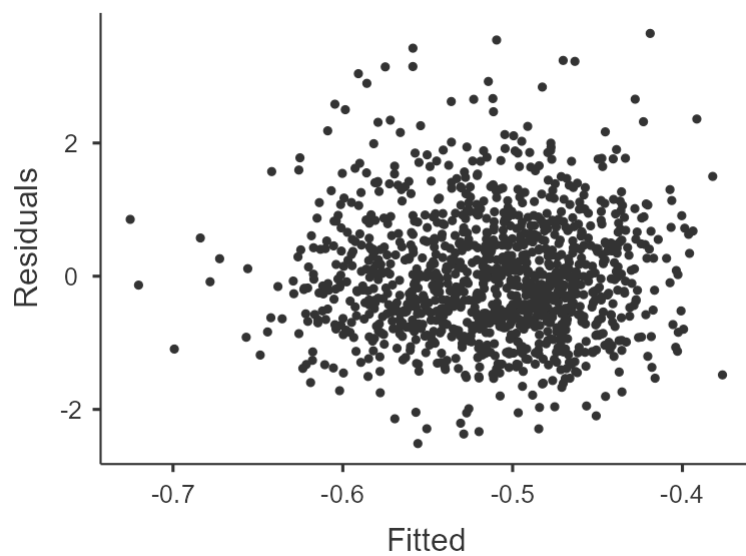
Normality Test (Shapiro-Wilk)

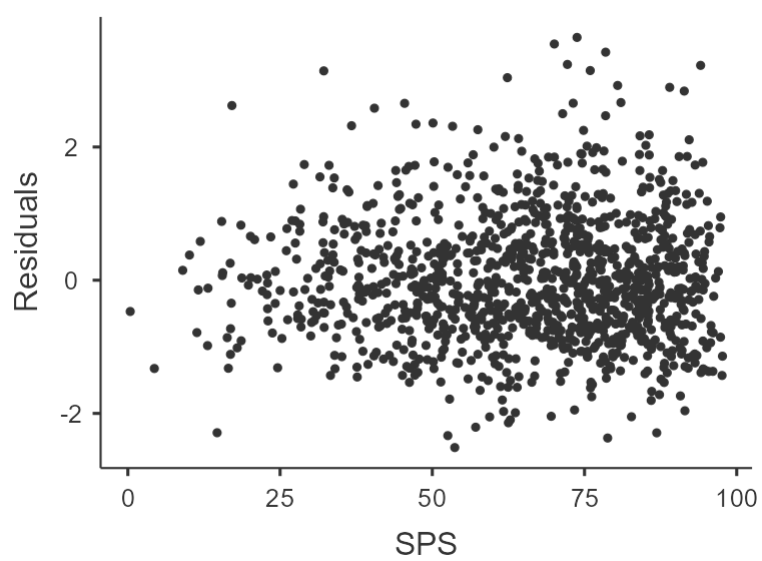
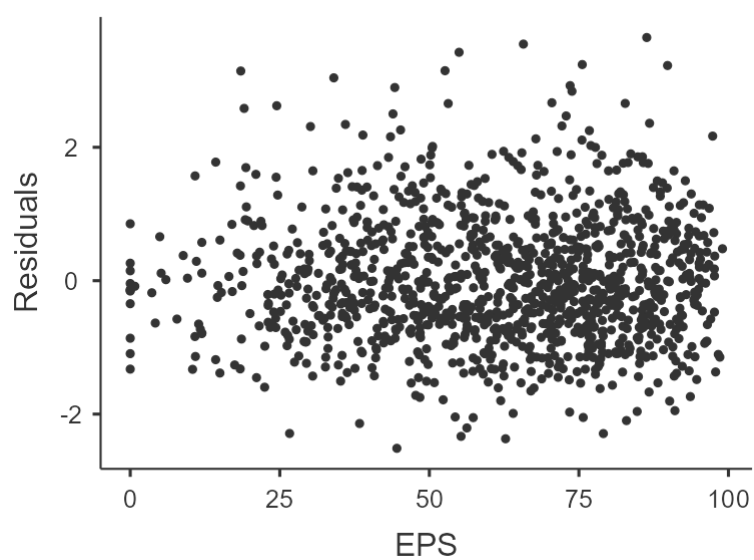
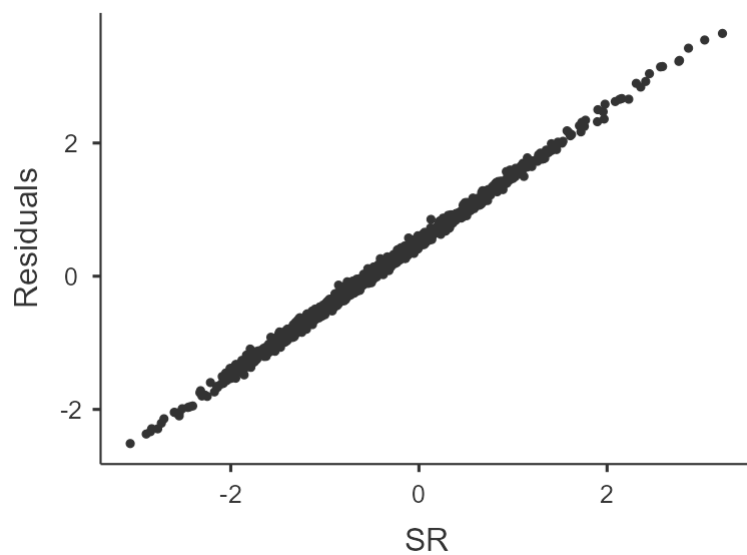
Statistic	p
0.98182	< .00001

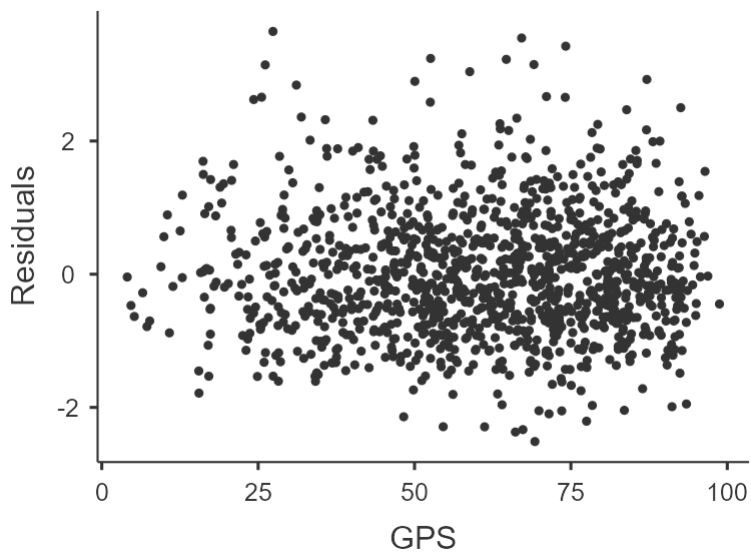
### Q-Q Plot



#### 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>.