

# Results

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>	Overall Model Test			
			F	df1	df2	p
1	0.08100	0.00656	2.61776	3	1189	0.04964

Model Coefficients - SR

Predictor	Estimate	SE	t	p
Intercept	-0.33385	0.10138	-3.29307	0.00102
EPS	0.00353	0.00153	2.31198	0.02095
SPS	-0.00131	0.00176	-0.74415	0.45693
GPS	-0.00253	0.00135	-1.87782	0.06065

### Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.02409	1.94801	0.37400

[3]

Collinearity Statistics

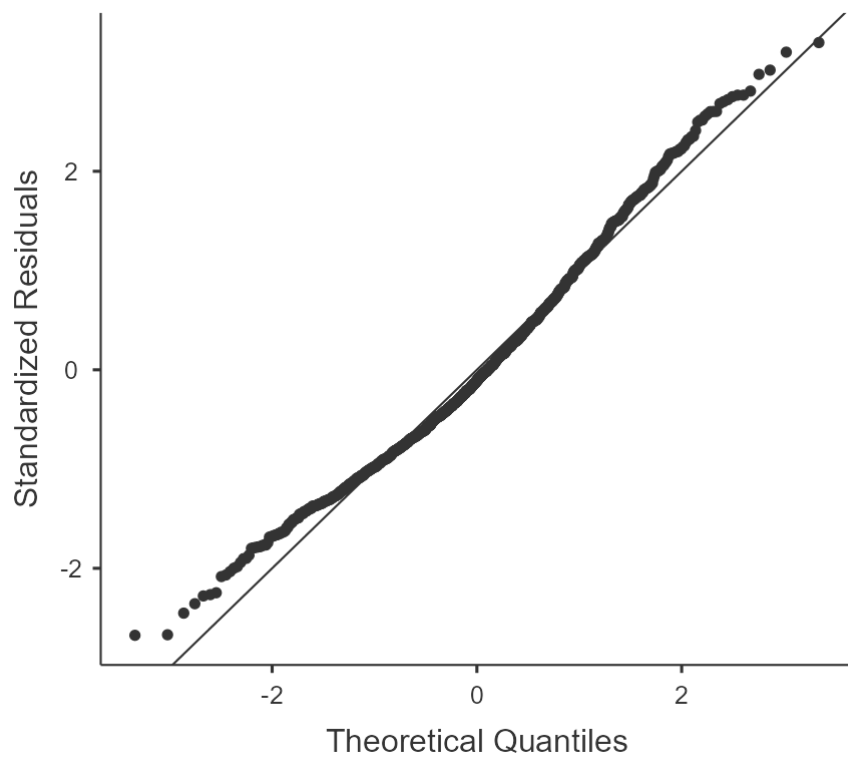
	VIF	Tolerance
EPS	1.82326	0.54847
SPS	1.84856	0.54096
GPS	1.17504	0.85103

[3]

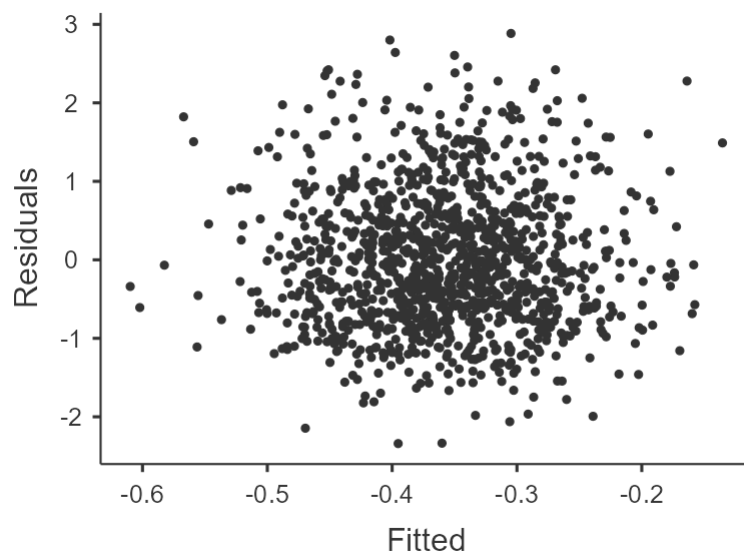
Normality Test (Shapiro-Wilk)

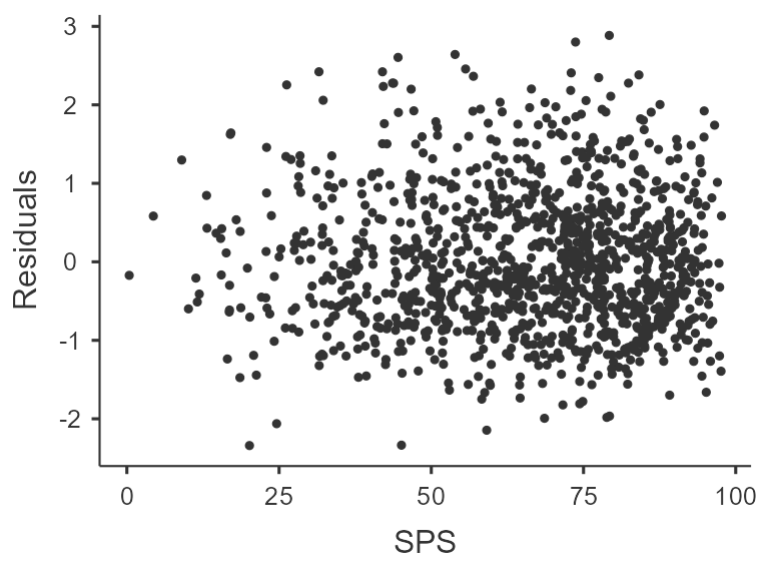
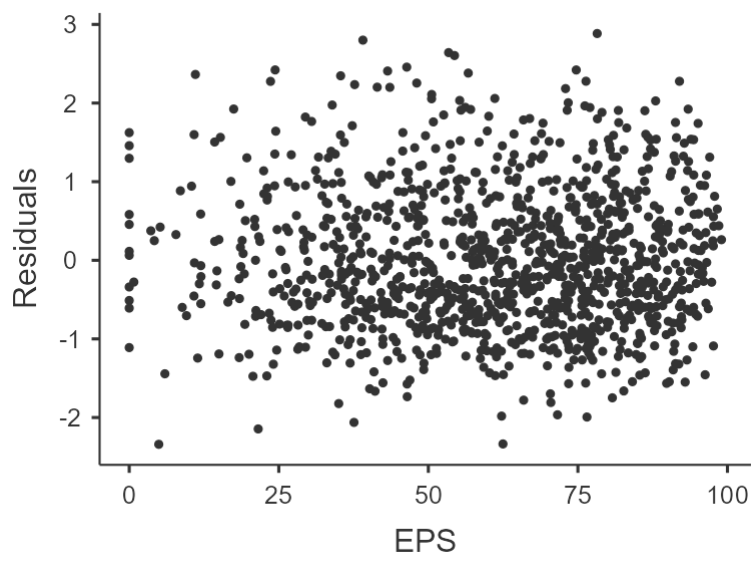
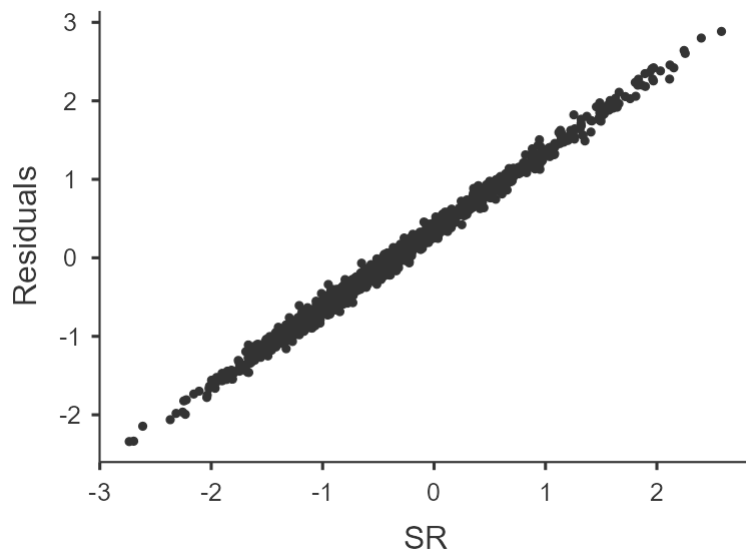
Statistic	p
0.98416	< .00001

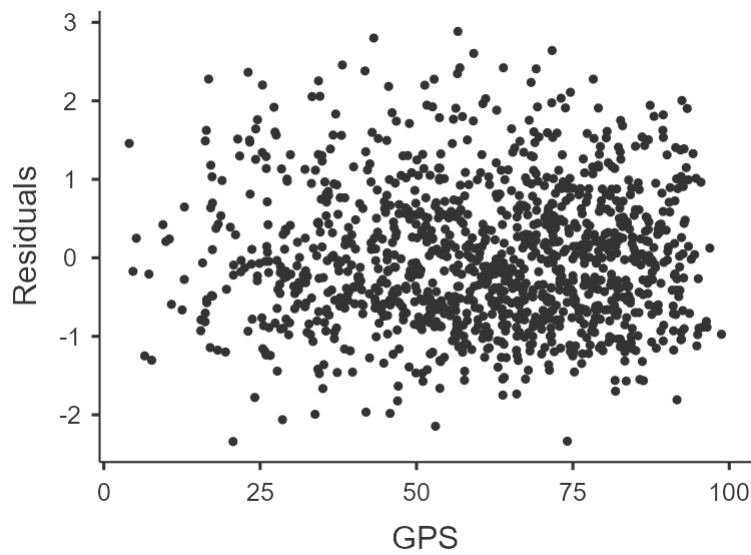
### Q-Q Plot



### 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>.