

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.12385	0.01534	6.17388	3	1189	0.00037

Model Coefficients - SR

Predictor	Estimate	SE	t	p
Intercept	-0.05774	0.10578	-0.54582	0.58529
EPS	0.00199	0.00159	1.25101	0.21118
SPS	0.00452	0.00183	2.46948	0.01367
GPS	-0.00261	0.00140	-1.86735	0.06210

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.04225	1.91311	0.12200

[3]

Collinearity Statistics

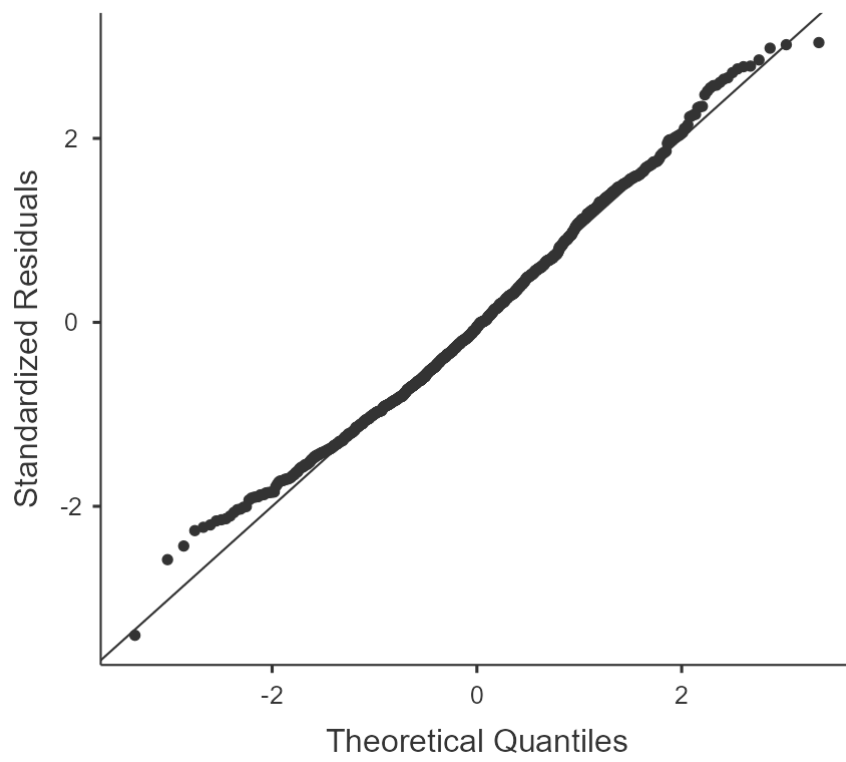
	VIF	Tolerance
EPS	1.81603	0.55065
SPS	1.84288	0.54263
GPS	1.16964	0.85496

[3]

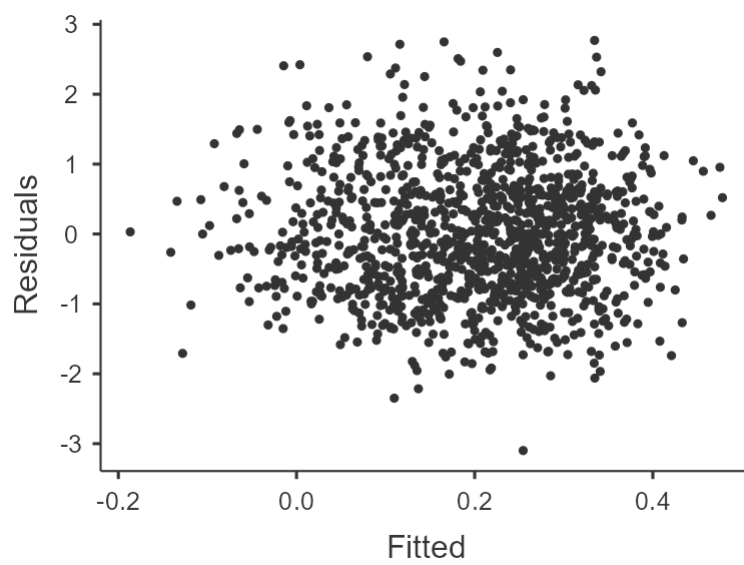
Normality Test (Shapiro-Wilk)

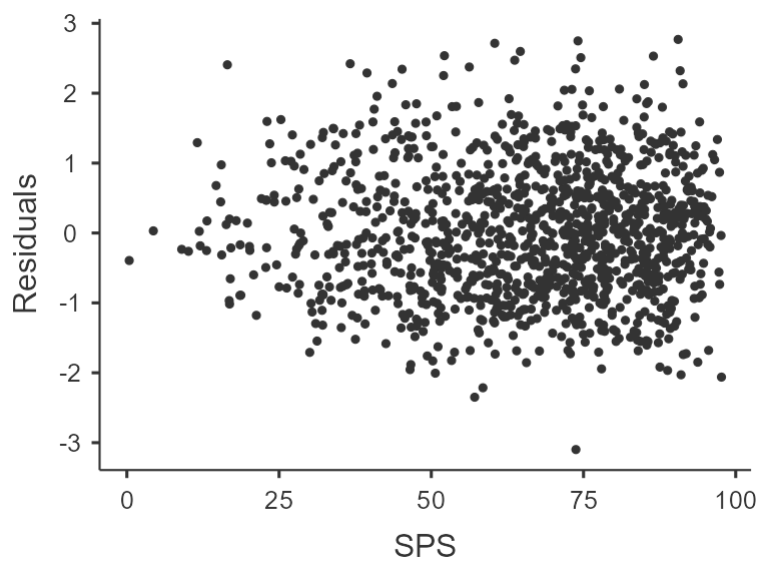
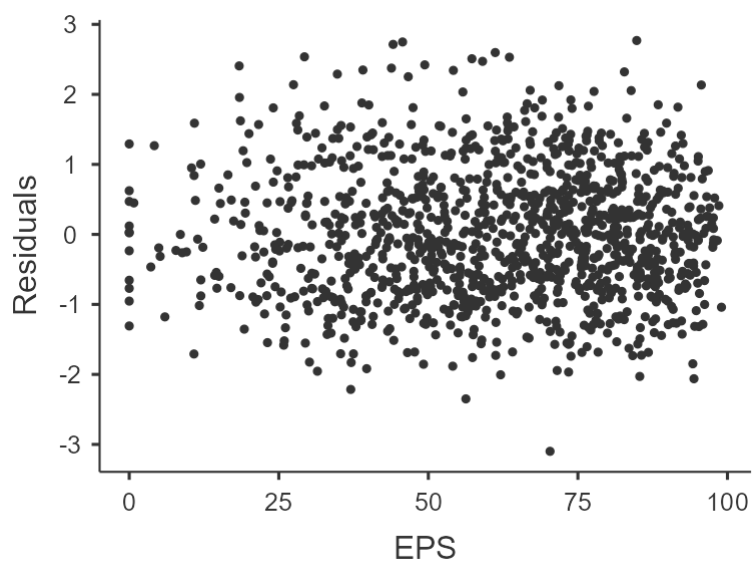
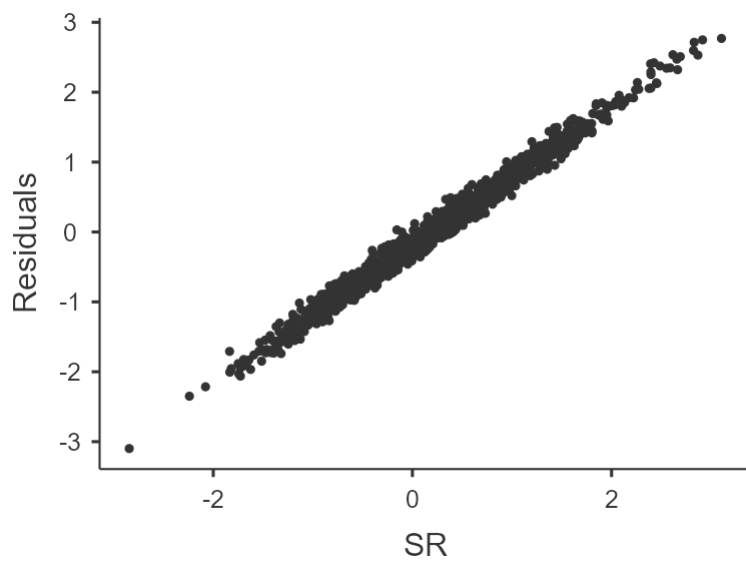
Statistic	p
0.99362	0.00005

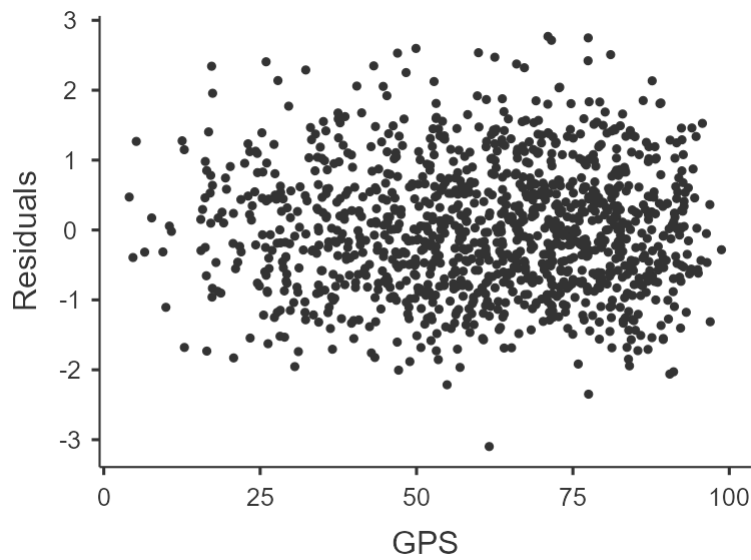
Q-Q Plot



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>.