

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.14235	0.02026	8.18981	3	1188	0.00002

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	0.07904	0.01862	4.24380	0.00002
EPS	-0.00117	0.00031	-3.79320	0.00016
SPS	0.00046	0.00037	1.23298	0.21783
GPS	-0.00032	0.00029	-1.10596	0.26897

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
-0.00018	1.99886	0.96800

[3]

Collinearity Statistics

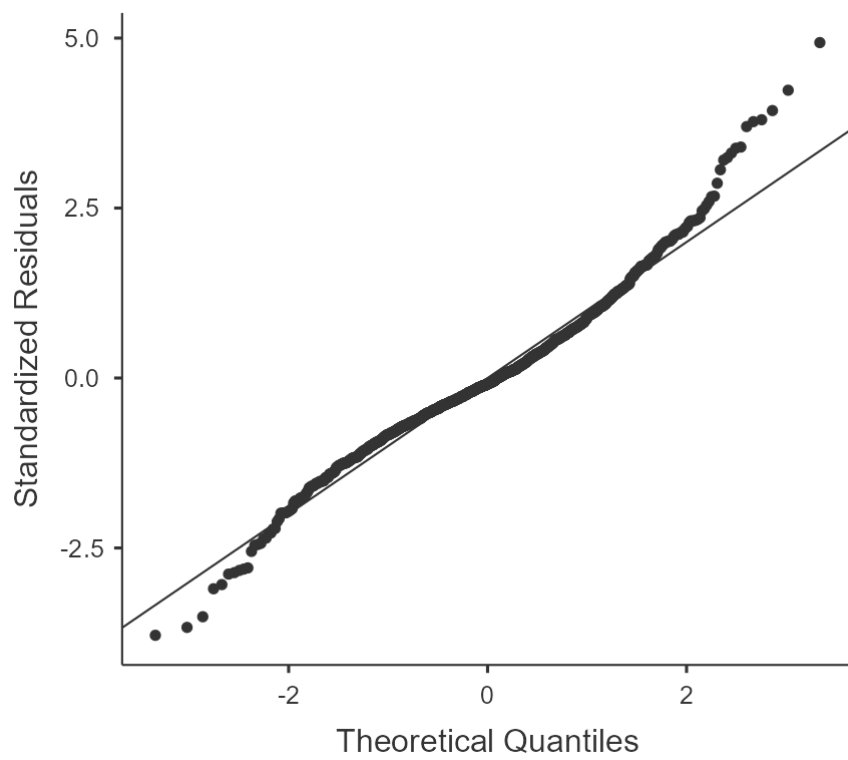
	VIF	Tolerance
EPS	2.09237	0.47793
SPS	2.13232	0.46897
GPS	1.26999	0.78741

[3]

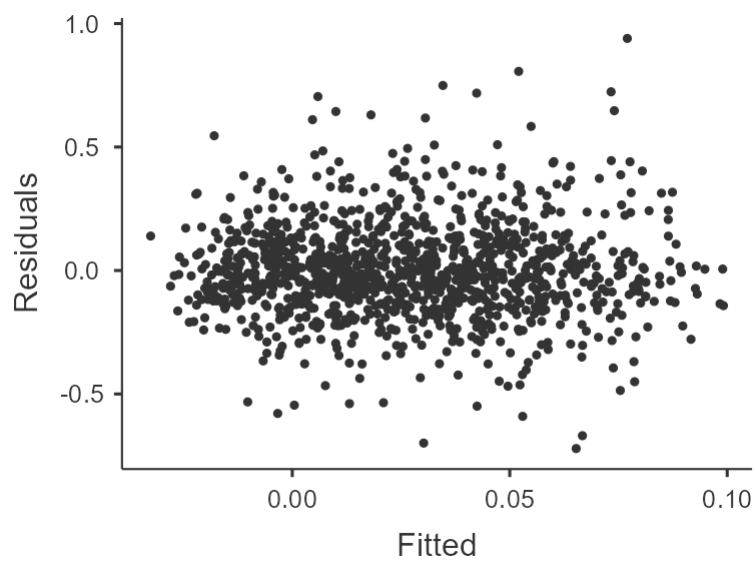
Normality Test (Shapiro-Wilk)

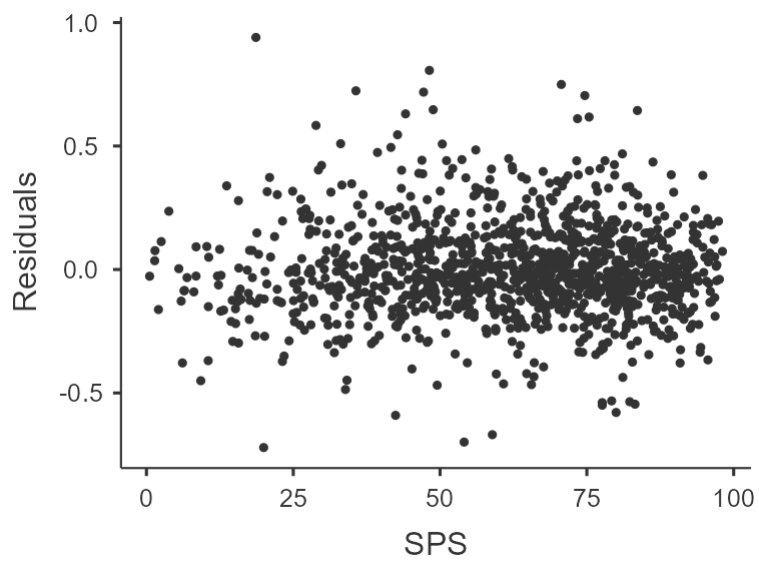
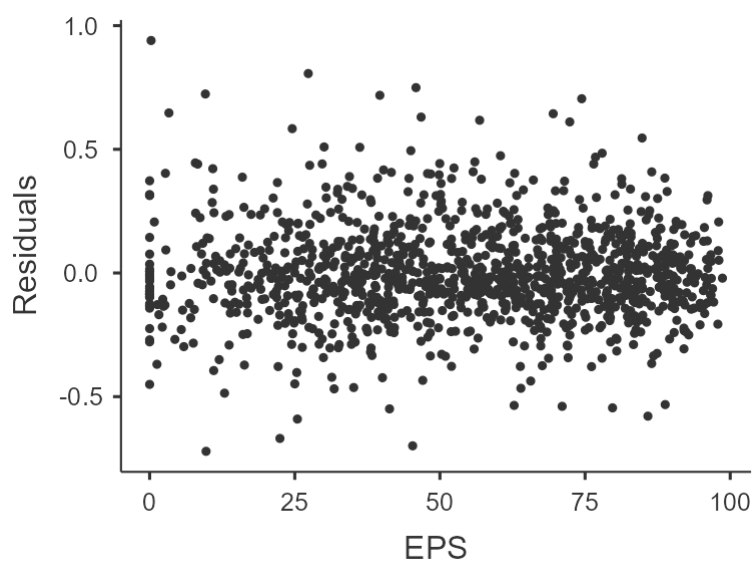
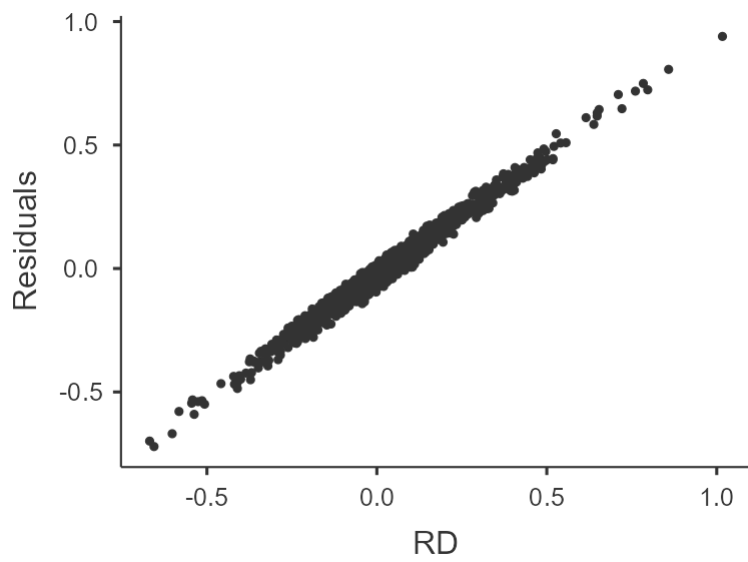
Statistic	p
0.97311	< .00001

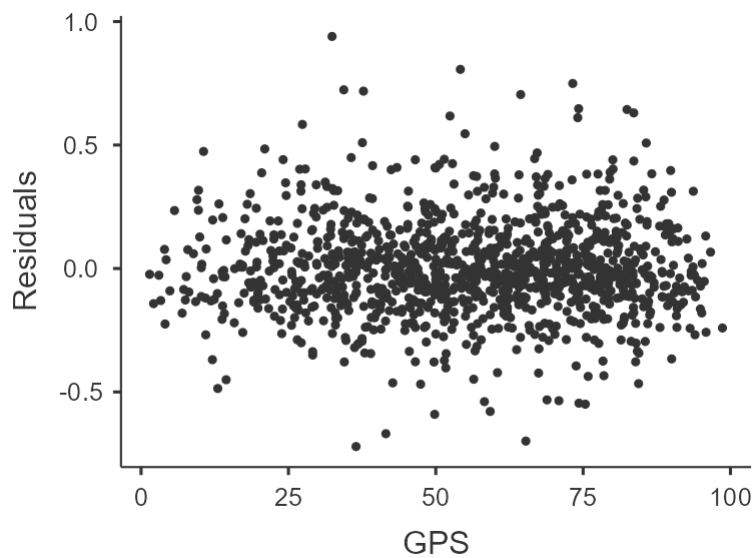
Q-Q Plot



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>.