

Results

Linear Regression

Model Fit Measures

Model	R	R ²	Overall Model Test			
			F	df1	df2	p
1	0.10508	0.01104	4.42853	3	1190	0.00419

Model Coefficients - RD

Predictor	Estimate	SE	t	p
Intercept	-0.28284	0.01921	-14.72569	< .00001
EPS	-0.00100	0.00032	-3.12496	0.00182
SPS	0.00116	0.00039	2.99604	0.00279
GPS	-0.00037	0.00030	-1.23181	0.21826

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.03389	1.93179	0.25600

[3]

Collinearity Statistics

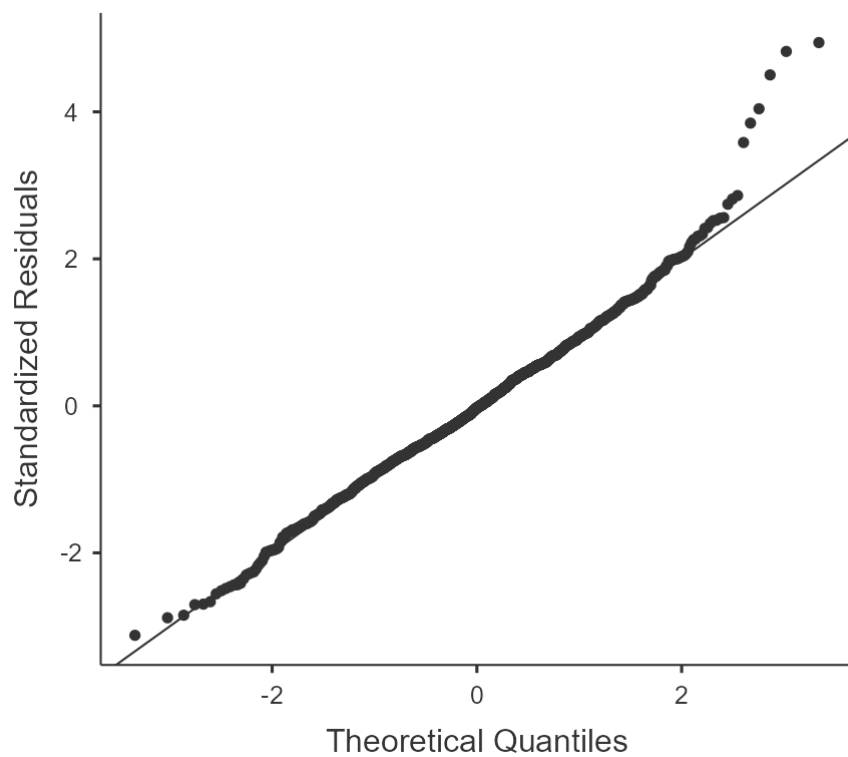
	VIF	Tolerance
EPS	2.09530	0.47726
SPS	2.13034	0.46941
GPS	1.26868	0.78822

[3]

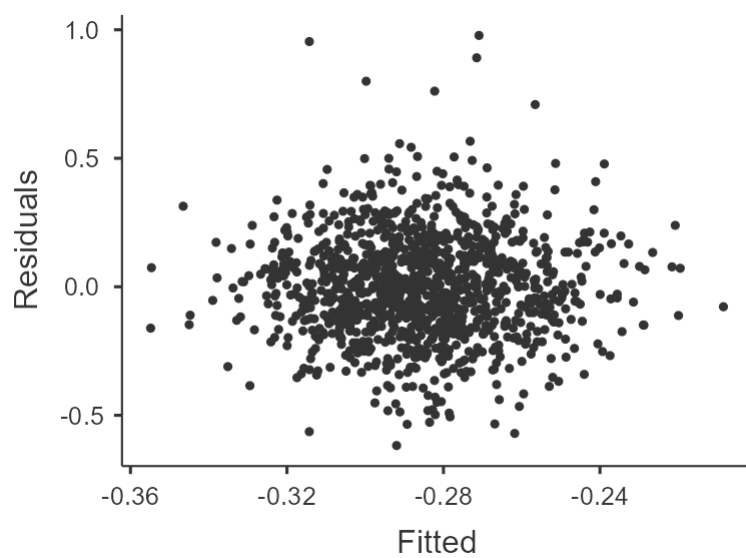
Normality Test (Shapiro-Wilk)

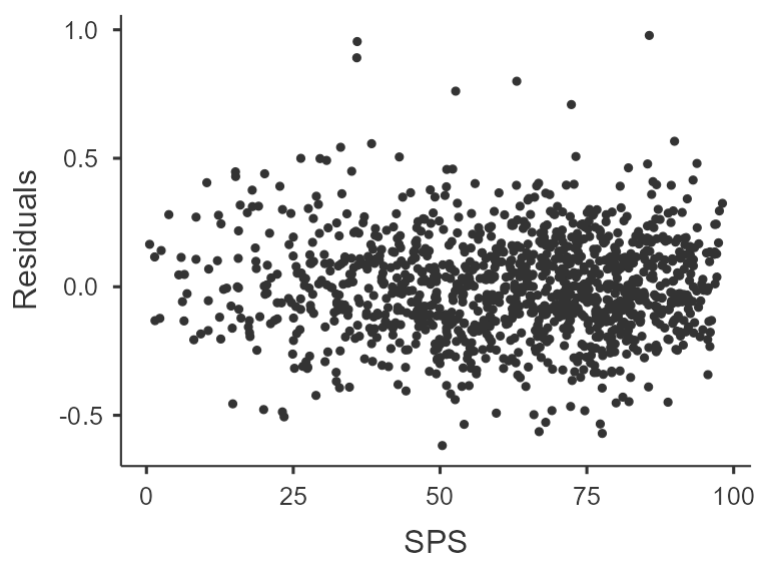
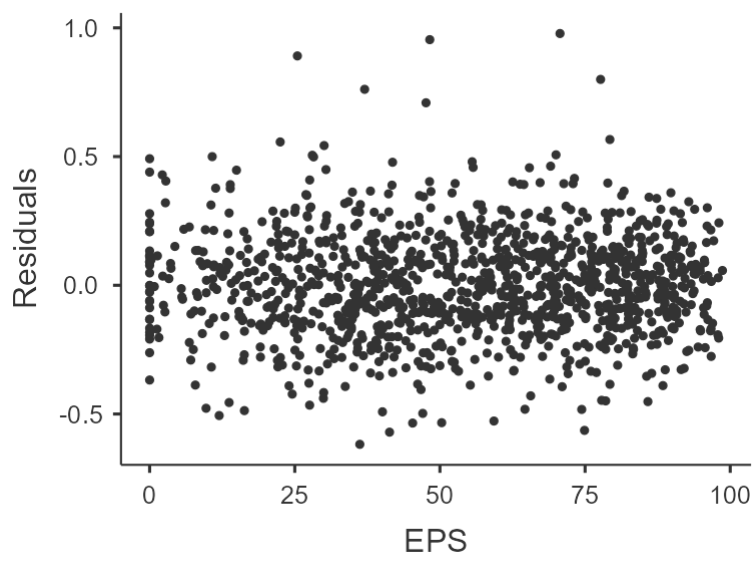
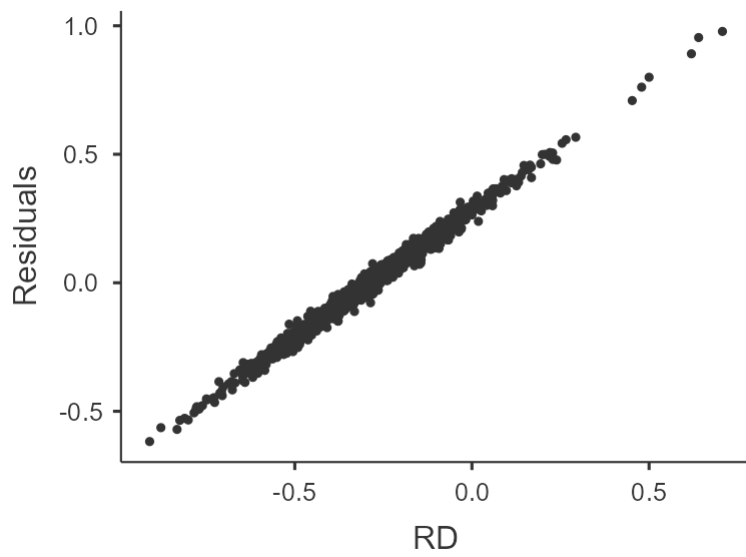
Statistic	p
0.98659	< .00001

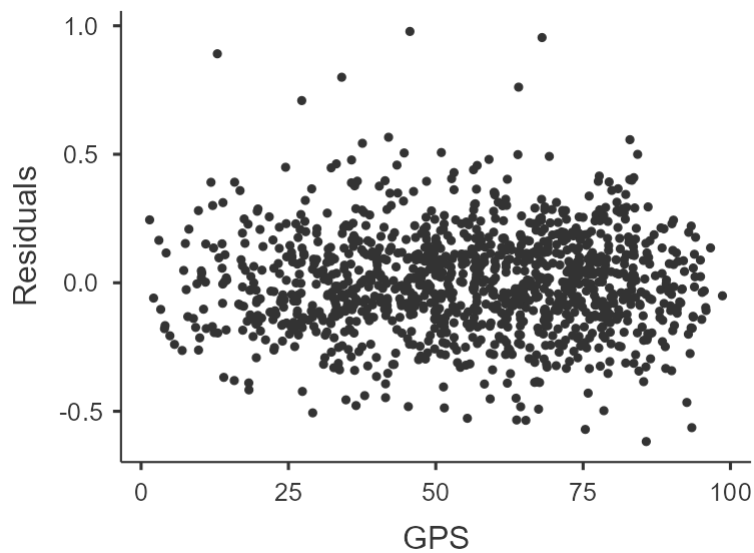
Q-Q Plot



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>.