

Linear Regression

'ref' must be an existing level

Debug

Error in relevel.factor(column, ref = jmvcore::toB64(ref)): 'ref' must be an existing level

```
private$.run()
private$.cleanData()
relevel(column, ref = jmvcore::toB64(ref))
relevel.factor(column, ref = jmvcore::toB64(ref))
stop("'ref' must be an existing level")
```

Model Fit Measures

Model	R	R²	Adjusted R²
1	.	.	.

Omnibus ANOVA Test

	Sum of Squares	df	Mean Square	F	p
NivLIS
NivLis2
Semana
Residuals

Note. Type 3 sum of squares

[3]

Model Coefficients - PesoAcum

Predictor	Estimate	SE	95% Confidence Interval		t	p	Stand. Estimate
			Lower	Upper			
Intercept ^a
NivLIS
NivLis2
Semana:							

^a Represents reference level

Data Summary

Cook's Distance

Mean	Median	SD	Range	
			Min	Max
.

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
.	.	.

[3]

Collinearity Statistics

	VIF	Tolerance
NivLIS	.	.
NivLis2	.	.
Semana	.	.

[3]

Normality test (Shapiro-Wilk)

statistic	p
.	.

Q-Q Plot

Residuals Plots

Estimated Marginal Means

NivLIS

Estimated Marginal Means - NivLIS

NivLIS	Marginal Mean	SE	95% Confidence Interval	
			Lower	Upper
.
.
.

NivLis2

Estimated Marginal Means - NivLis2

NivLis2	Marginal Mean	SE	95% Confidence Interval	
			Lower	Upper
.
.
.

Semana

Estimated Marginal Means - Semana

Semana	Marginal Mean	SE	95% Confidence Interval	
			Lower	Upper
.

[4]

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Model Fit Measures

Model	R	R²	Adjusted R²
1	.	.	.

Omnibus ANOVA Test

	Sum of Squares	df	Mean Square	F	p
NivLIS
NivLis2
Semana
Residuals

Note. Type 3 sum of squares

[3]

Model Coefficients - ConsAcum

Predictor	Estimate	SE	95% Confidence Interval		t	p	Stand. Estimate	95% Confidence Interval	
			Lower	Upper				Lower	Upper
Intercept ^a
NivLIS
NivLis2
Semana:									

^a Represents reference level

Data Summary

Cook's Distance

Mean	Median	SD	Range	
			Min	Max
.

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
.	.	.

[3]

Collinearity Statistics

	VIF	Tolerance
NivLIS	.	.
NivLis2	.	.
Semana	.	.

[3]

Normality test (Shapiro-Wilk)

statistic	p
.	.

Q-Q Plot

Residuals Plots

Estimated Marginal Means

NivLIS

Estimated Marginal Means - NivLIS

NivLIS	Marginal Mean	SE	95% Confidence Interval	
			Lower	Upper
.
.
.

NivLis2

Estimated Marginal Means - NivLis2

NivLis2	Marginal Mean	SE	95% Confidence Interval	
			Lower	Upper
.
.
.

Semana

Estimated Marginal Means - Semana

Semana	Marginal Mean	SE	95% Confidence Interval	
			Lower	Upper
.

[4]

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Omnibus ANOVA Test

	Sum of Squares	df	Mean Square	F	p
NivLIS
NivLis2
Semana
Residuals

Note. Type 3 sum of squares

[3]

Predictor	Estimate	SE	95% Confidence Interval		t	p	Stand. Estimate	95% Confidence Interval	
			Lower	Upper				Lower	Upper
Intercept ^a
NivLIS
NivLis2
Semana:									

^a Represents reference level

Data Summary

Cook's Distance					
Mean	Median	SD	Range		
			Min	Max	
.	

Assumption Checks

Durbin–Watson Test for Autocorrelation			
Autocorrelation	DW Statistic	p	
.	.	.	

[3]

Collinearity Statistics		
	VIF	Tolerance
NivLIS	.	.
NivLis2	.	.
Semana	.	.

[3]

Normality test (Shapiro-Wilk)	
statistic	p
.	.

Q-Q Plot

Residuals Plots

Estimated Marginal Means

NivLIS

Estimated Marginal Means - NivLIS

NivLIS	Marginal Mean	SE	95% Confidence Interval	
			Lower	Upper
.

NivLis2

Estimated Marginal Means - NivLis2

NivLis2	Marginal Mean	SE	95% Confidence Interval	
			Lower	Upper
.

Semana

Estimated Marginal Means - Semana

Semana	Marginal Mean	SE	95% Confidence Interval	
			Lower	Upper
.

[4]

Linear Regression

Model Fit Measures

Model	R	R²	Adjusted R²
1	0.767	0.589	0.573

Omnibus ANOVA Test

	Sum of Squares	df	Mean Square	F	p
NivLIS	0.0370	1	0.03704	19.92792	<.0001
NivLis2	8.67e-6	1	8.67e-6	0.00467	0.9458
Residuals	0.0948	51	0.00186		

Note. Type 3 sum of squares

[3]

Model Coefficients - FCRAj2Kg

Predictor	Estimate	SE	95% Confidence Interval		t	p	Stand. Estimate	95% Confidence Interval	
			Lower	Upper				Lower	Upper
Intercept	1.4492	0.00784	1.433	1.465	184.8796	<.0001			
NivLIS	-0.4842	0.10847	-0.702	-0.266	-4.4641	<.0001	-0.7776	-1.127	-0.428
NivLis2	0.0428	0.62603	-1.214	1.300	0.0683	0.9458	0.0119	-0.338	0.362

Data Summary

Cook's Distance

Mean	Median	SD	Range	
			Min	Max
0.0262	0.00363	0.0635	1.36e-5	0.318

Assumption Checks

Durbin–Watson Test for Autocorrelation

Autocorrelation	DW Statistic	p
0.146	1.67	0.1060

[3]

Collinearity Statistics

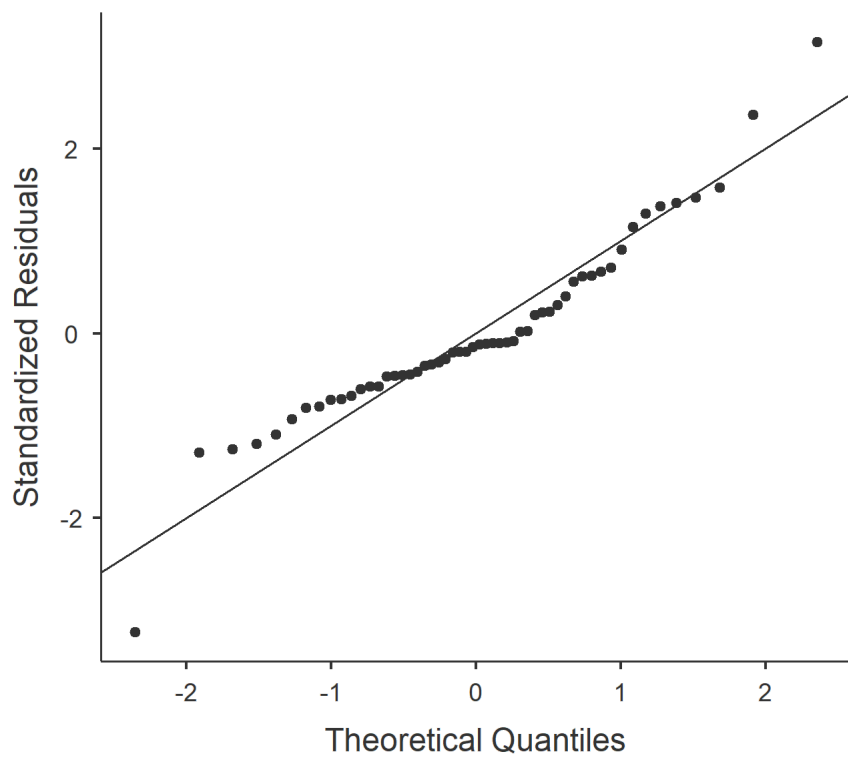
	VIF	Tolerance
NivLIS	3.76	0.266
NivLis2	3.76	0.266

[3]

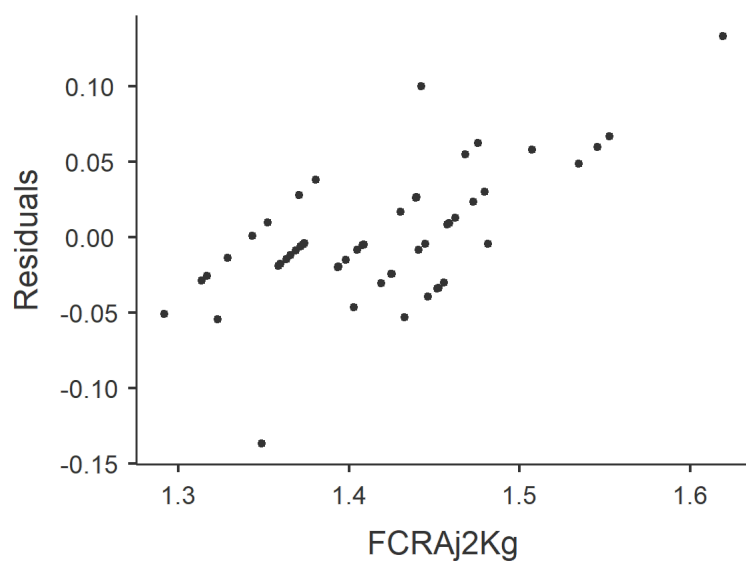
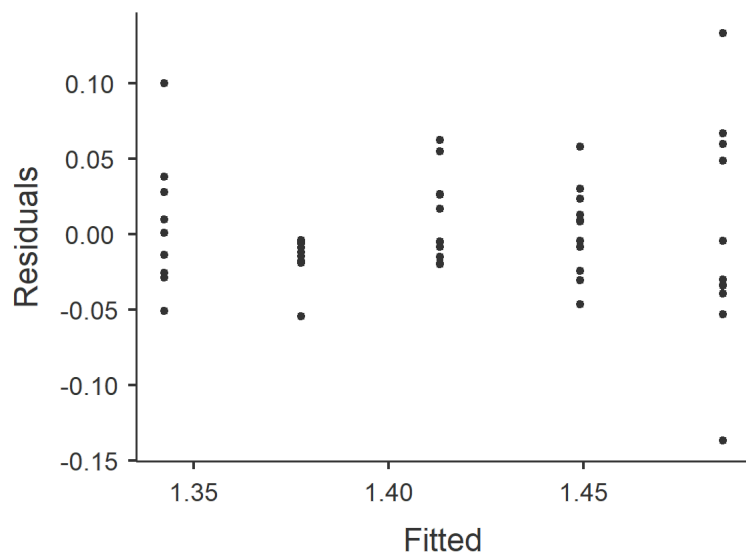
Normality test (Shapiro-Wilk)

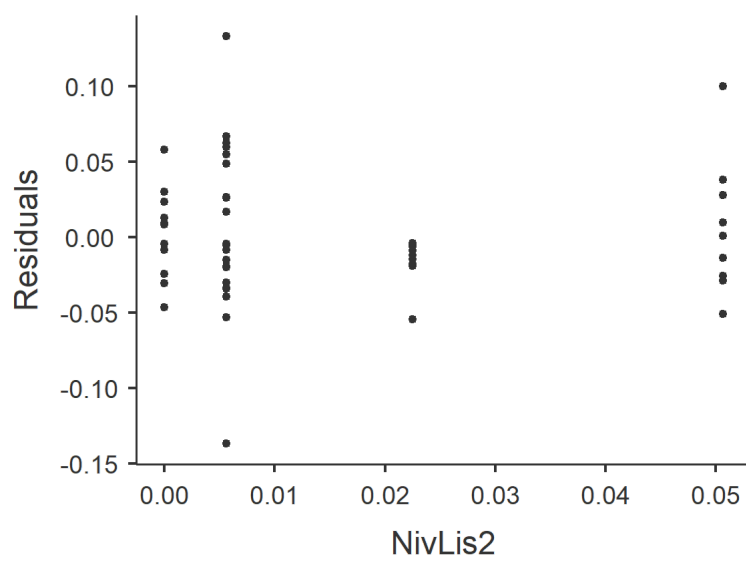
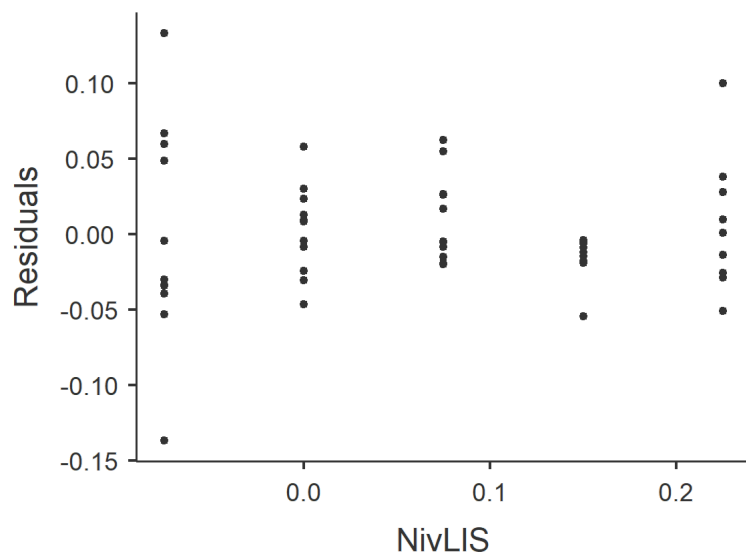
statistic	p
0.934	0.0054

Q-Q Plot



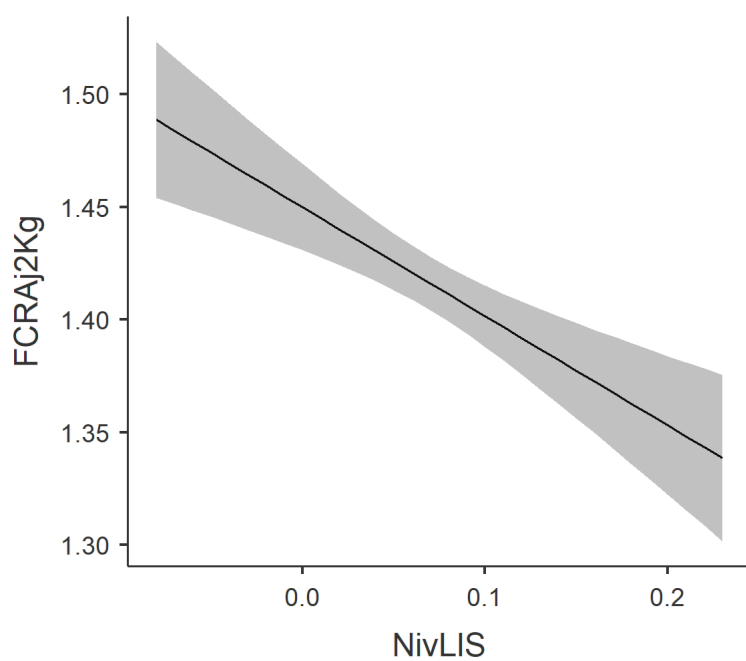
Residuals Plots





Estimated Marginal Means

NivLIS

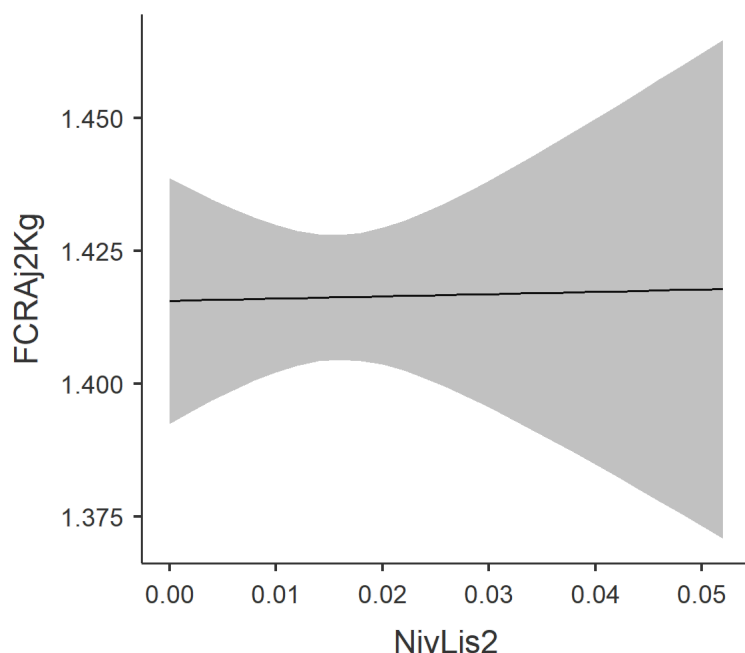


Estimated Marginal Means - NivLIS

NivLIS	Marginal Mean	SE	95% Confidence Interval	
			Lower	Upper
-0.0365 ⁻	1.47	0.01290	1.44	1.49
0.0694 ^μ	1.42	0.00587	1.40	1.43
0.1754 ⁺	1.36	0.01290	1.34	1.39

Note. ⁻ mean - 1SD, ^μ mean, ⁺ mean + 1SD

NivLis2



Estimated Marginal Means - NivLis2

NivLis2	Marginal Mean	SE	95% Confidence Interval	
			Lower	Upper
-0.00252 ⁻	1.42	0.01290	1.39	1.44
0.01583 ^μ	1.42	0.00587	1.40	1.43
0.03419 ⁺	1.42	0.01290	1.39	1.44

Note. ⁻ mean - 1SD, ^μ mean, ⁺ mean + 1SD

[4]

References

- [1] The jamovi project (2020). *jamovi*. (Version 1.2) [Computer Software]. Retrieved from <https://www.jamovi.org>.
- [2] R Core Team (2019). *R: A Language and environment for statistical computing*. (Version 3.6) [Computer software]. Retrieved from <https://cran.r-project.org/>.
- [3] Fox, J., & Weisberg, S. (2018). *car: Companion to Applied Regression*. [R package]. Retrieved from <https://cran.r-project.org/package=car>.
- [4] Lenth, R. (2018). *emmeans: Estimated Marginal Means, aka Least-Squares Means*. [R package]. Retrieved from <https://cran.r-project.org/package=emmeans>.