

Results

Descriptives

Descriptives

	No-Congestionad (1) vs congestiando (3) vs liguilla (2)	Mean	SD
Distance (m)	1	10422.38	2227.874
	2	9913.42	2512.546
	3	10095.71	2219.660
Distance - Distance/time (m/min)	1	122.58	26.233
	2	113.36	28.210
	3	119.44	26.761
Peak Velocity (km/hr)	1	29.14	1.745
	2	28.75	2.239
	3	29.19	2.041
Max Acel. (m/s ²)	1	4.94	0.510
	2	4.92	0.576
	3	4.96	0.536
Max Desacel. (m/s ²)	1	-6.31	0.766
	2	-6.34	0.806
	3	-6.35	0.799
HIBD Distance (m)	1	251.62	50.637
	2	239.33	48.048
	3	254.13	46.824
Explosive Distance (m)	1	1023.05	144.926
	2	967.29	136.298
	3	991.73	134.687
Sprints >25.2 km/h (#)	1	10.38	3.430
	2	9.33	3.458
	3	9.98	3.469
Sprints Dist. >25.2 km/h (m)	1	176.45	76.444
	2	148.75	72.323
	3	170.32	76.305
HSR Distance (m)	1	628.26	140.912
	2	589.21	133.711
	3	626.23	134.024
Distance - Abs HSR (count)	1	32.55	6.705
	2	30.95	6.581
	3	32.52	6.345

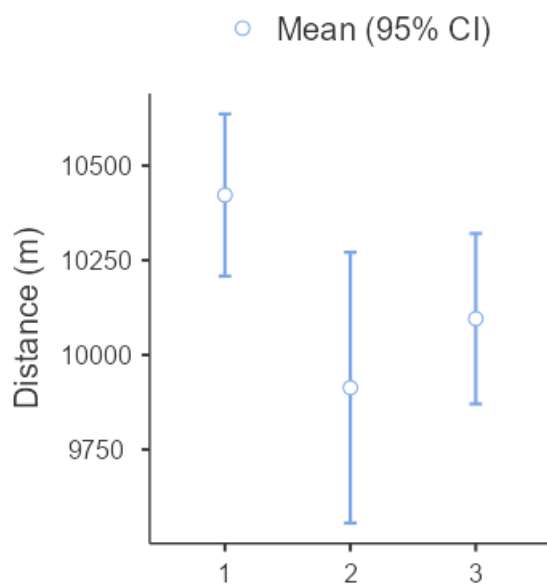
One-Way ANOVA

One-Way ANOVA (Welch's)

	F	df1	df2	p
Distance (m)	3.730	2	493	0.025
Distance - Distance/time (m/min)	7.364	2	501	< .001
Peak Velocity (km/hr)	2.814	2	480	0.061
Max Acel. (m/s ²)	0.446	2	495	0.641
Max Desacel. (m/s ²)	0.224	2	506	0.799
HIBD Distance (m)	6.397	2	515	0.002
Explosive Distance (m)	11.485	2	517	< .001
Sprints >25.2 km/h (#)	6.054	2	511	0.003
Sprints Dist. >25.2 km/h (m)	9.512	2	521	< .001
HSR Distance (m)	6.200	2	517	0.002
Distance - Abs HSR (count)	4.531	2	511	0.011

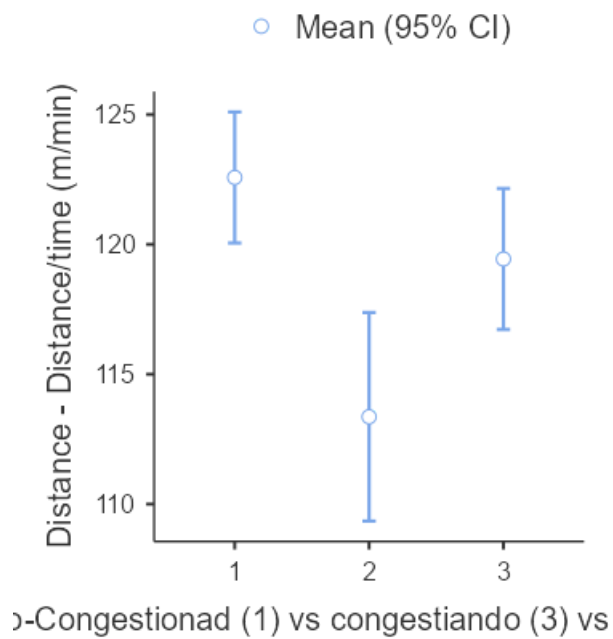
Plots

Distance (m)

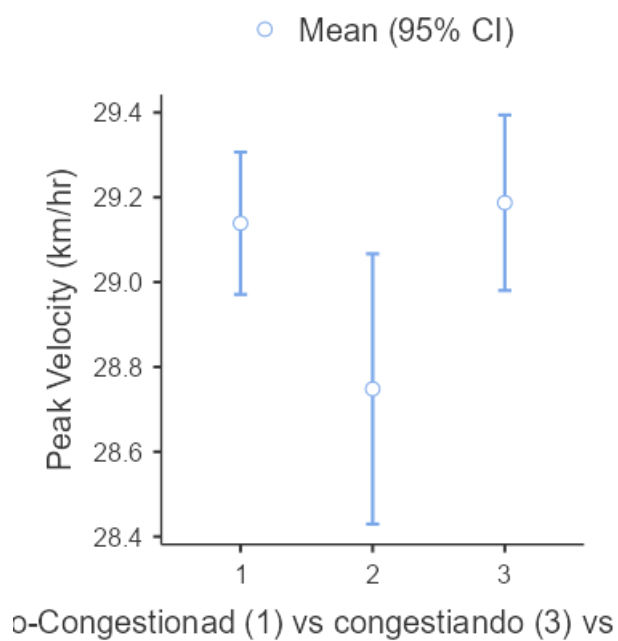


lo-Congestionad (1) vs congestiando (3) vs

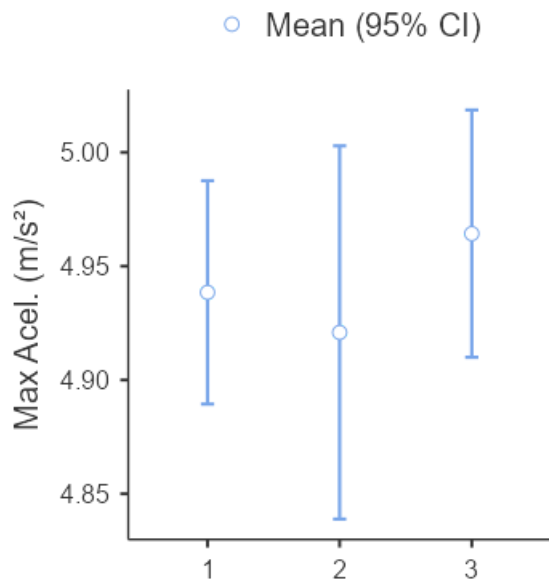
Distance - Distance/time (m/min)



Peak Velocity (km/hr)

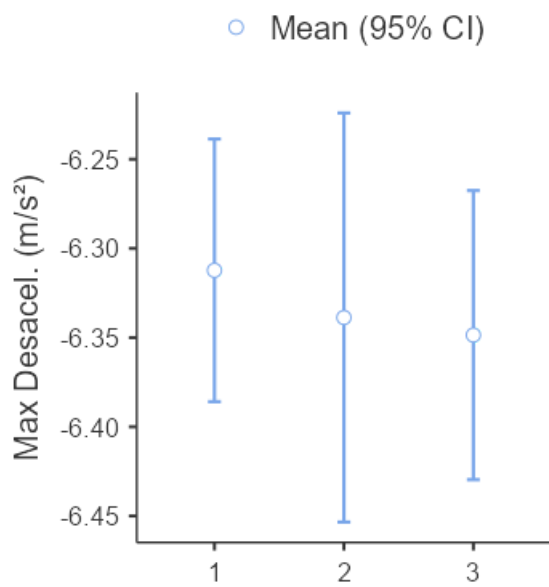


Max Acel. (m/s²)



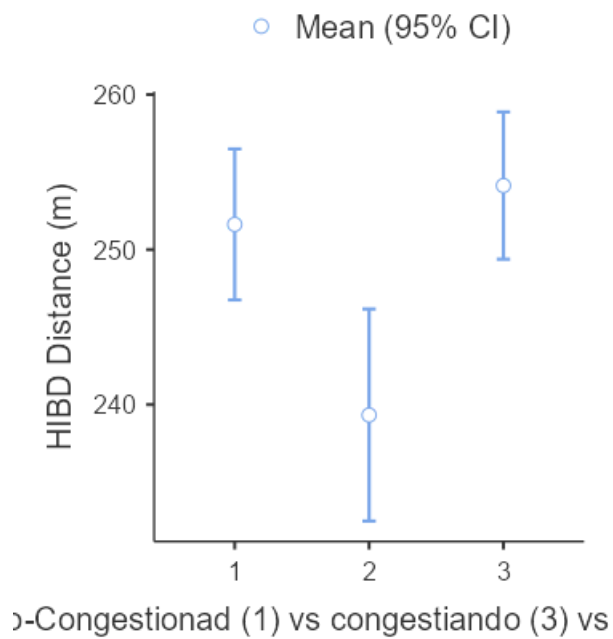
o-Congestionad (1) vs congestiando (3) vs

Max Desacel. (m/s²)

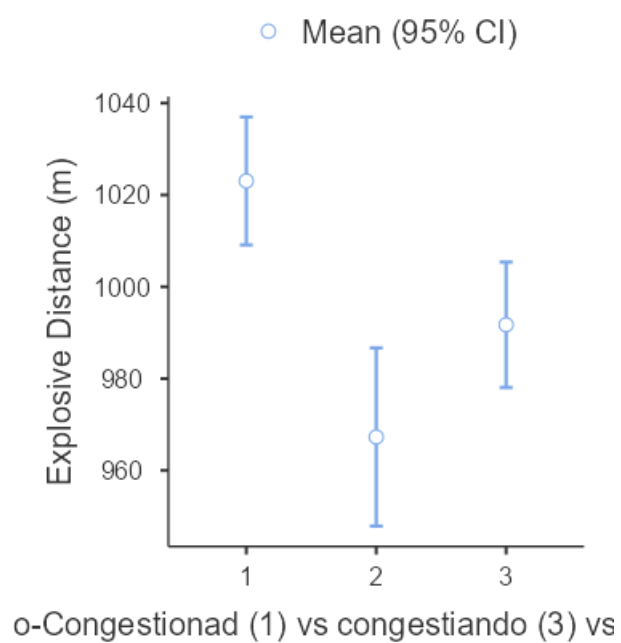


o-Congestionad (1) vs congestiando (3) vs

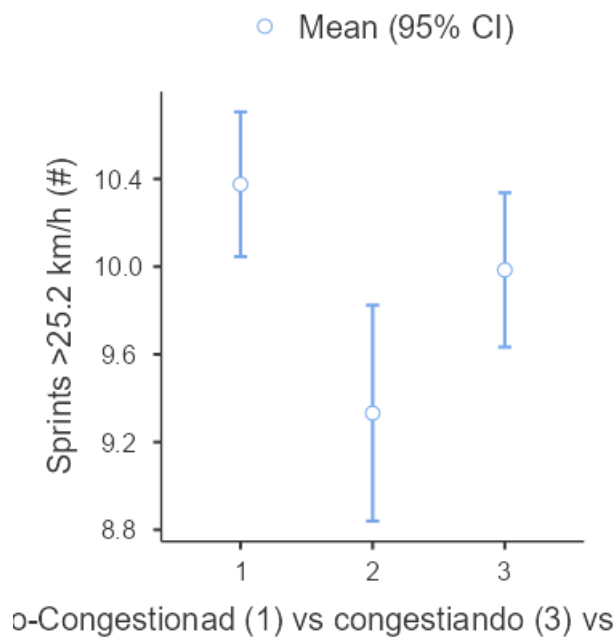
HIBD Distance (m)



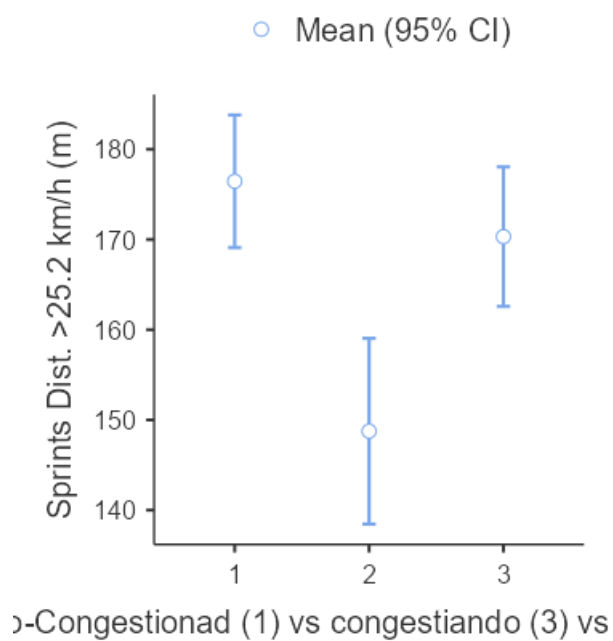
Explosive Distance (m)



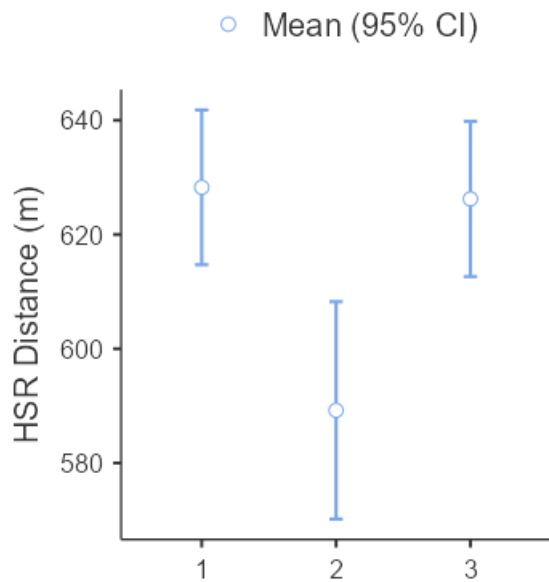
Sprints >25.2 km/h (#)



Sprints Dist. >25.2 km/h (m)

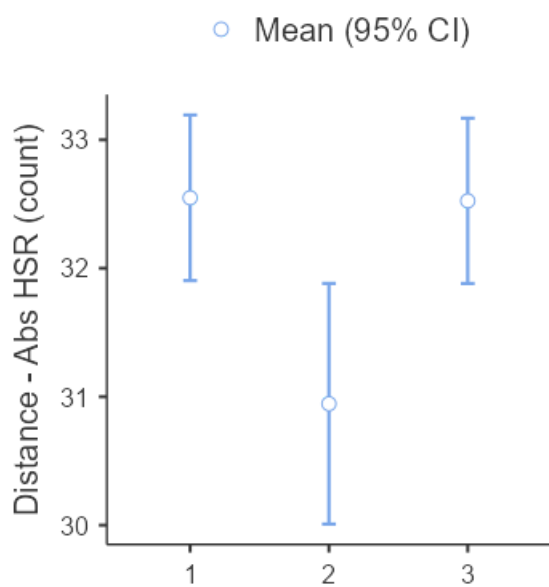


HSR Distance (m)



o-Congestionad (1) vs congestiando (3) vs

Distance - Abs HSR (count)



o-Congestionad (1) vs congestiando (3) vs l

Post Hoc Tests

Tukey Post-Hoc Test – Distance (m)

		1	2	3
1	Mean difference	—	509 *	327
	p-value	—	0.029	0.110
2	Mean difference		—	-182
	p-value		—	0.640
3	Mean difference			—
	p-value			—

Note. * $p < .05$, ** $p < .01$, *** $p < .001$

Tukey Post-Hoc Test – Distance - Distance/time (m/min)

		1	2	3
1	Mean difference	—	9.21 ***	3.14
	p-value	—	< .001	0.227
2	Mean difference		—	-6.08 *
	p-value		—	0.029
3	Mean difference			—
	p-value			—

Note. * p < .05, ** p < .01, *** p < .001

Tukey Post-Hoc Test – Peak Velocity (km/hr)

		1	2	3
1	Mean difference	—	0.391	-0.0484
	p-value	—	0.059	0.936
2	Mean difference		—	-0.4391 *
	p-value		—	0.032
3	Mean difference			—
	p-value			—

Note. * p < .05, ** p < .01, *** p < .001

Tukey Post-Hoc Test – Max Acel. (m/s²)

		1	2	3
1	Mean difference	—	0.0176	-0.0258
	p-value	—	0.924	0.775
2	Mean difference		—	-0.0434
	p-value		—	0.629
3	Mean difference			—
	p-value			—

Note. * p < .05, ** p < .01, *** p < .001

Tukey Post-Hoc Test – Max Desacel. (m/s²)

		1	2	3
1	Mean difference	—	0.0265	0.03629
	p-value	—	0.921	0.793
2	Mean difference		—	0.00984
	p-value		—	0.989
3	Mean difference			—
	p-value			—

Note. * p < .05, ** p < .01, *** p < .001

Tukey Post-Hoc Test – HIBD Distance (m)

		1	2	3
1	Mean difference	—	12.3 *	-2.51
	p-value	—	0.011	0.750
2	Mean difference		—	-14.80 **
	p-value		—	0.002
3	Mean difference			—
	p-value			—

Note. * p < .05, ** p < .01, *** p < .001

Tukey Post-Hoc Test – Explosive Distance (m)

		1	2	3
1	Mean difference	—	55.8 ***	31.3 **
	p-value	—	< .001	0.005
2	Mean difference		—	-24.4
	p-value		—	0.119
3	Mean difference			—
	p-value			—

Note. * p < .05, ** p < .01, *** p < .001

Tukey Post-Hoc Test – Sprints >25.2 km/h (#)

		1	2	3
1	Mean difference	—	1.04 **	0.391
	p-value	—	0.002	0.249
2	Mean difference		—	-0.653
	p-value		—	0.084
3	Mean difference			—
	p-value			—

Note. * p < .05, ** p < .01, *** p < .001

Tukey Post-Hoc Test – Sprints Dist. >25.2 km/h (m)

		1	2	3
1	Mean difference	—	27.7 ***	6.14
	p-value	—	< .001	0.488
2	Mean difference		—	-21.57 **
	p-value		—	0.004
3	Mean difference			—
	p-value			—

Note. * p < .05, ** p < .01, *** p < .001

Tukey Post-Hoc Test – HSR Distance (m)

		1	2	3
1	Mean difference	—	39.0 **	2.03
	p-value	—	0.003	0.976
2	Mean difference		—	-37.02 **
	p-value		—	0.007
3	Mean difference			—
	p-value			—

Note. * p < .05, ** p < .01, *** p < .001

Tukey Post-Hoc Test – Distance - Abs HSR (count)

		1	2	3
1	Mean difference	—	1.60 *	0.0238
	p-value	—	0.014	0.999
2	Mean difference		—	-1.5797 *
	p-value		—	0.018
3	Mean difference			—
	p-value			—

Note. * p < .05, ** p < .01, *** p < .001

General Linear Model

Model Info

Info	
Estimate	Linear model fit by OLS
Call	Distance (m) ~ 1 + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)` + `Resultado G(1) E(2) P(3)` + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)`:Resultado G(1) E(2) P(3)`
R-squared	0.0198
Adj. R-squared	0.0113

[3]

Model Results

ANOVA Omnibus tests

	SS	df	F	p	η^2p
Model	9.74e+7	8	2.325	0.018	0.020
No-Congestionad (1) vs congestiando (3) vs liguilla (2)	3.80e+7	2	3.624	0.027	0.008
Resultado G(1) E(2) P(3)	1.96e+6	2	0.188	0.829	0.000
No-Congestionad (1) vs congestiando (3) vs liguilla (2) ✱ Resultado G(1) E(2) P(3)	3.80e+7	4	1.812	0.124	0.008
Residuals	4.82e+9	920			
Total	4.91e+9	928			

Names	Effect	Estimate	SE	95% Confidence Interval		β	df	t	p
				Lower	Upper				
(Intercept)	(Intercept)	10094.6	90.3	9917	10271.8	0.0000	920	111.818	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1	2 - 1	-528.0	236.1	-991	-64.8	-0.2295	920	-2.237	0.026
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2	3 - 1	-400.6	181.9	-758	-43.7	-0.1741	920	-2.203	0.028
Resultado G(1) E(2) P(3)1	2 - 1	133.7	224.4	-307	574.2	0.0581	920	0.596	0.552
Resultado G(1) E(2) P(3)2	3 - 1	58.4	188.0	-311	427.4	0.0254	920	0.311	0.756
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)1	2 - 1 * 2 - 1	-774.8	577.8	-1909	359.1	-0.3367	920	-1.341	0.180
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)1	3 - 1 * 2 - 1	-425.6	435.5	-1280	429.1	-0.1850	920	-0.977	0.329
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)2	2 - 1 * 3 - 1	590.5	486.4	-364	1545.0	0.2566	920	1.214	0.225
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)2	3 - 1 * 3 - 1	681.6	417.0	-137	1500.0	0.2962	920	1.634	0.103

General Linear Model

Model Info

Info	
Estimate	Linear model fit by OLS
Call	Distance ~ Distance/time (m/min) ~ 1 + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)` + `Resultado G(1) E(2) P(3)` + `No-Congestionad (1) vs congestiando (3) vs liguilla (2):`Resultado G(1) E(2) P(3)`
R-squared	0.0282
Adj. R-squared	0.0198

[3]

Model Results

ANOVA Omnibus tests

	SS	df	F	p	η^2p
Model	19119	8	3.34	< .001	0.028
No-Congestionad (1) vs congestiando (3) vs liguilla (2)	5032	2	3.52	0.030	0.008
Resultado G(1) E(2) P(3)	1859	2	1.30	0.273	0.003
No-Congestionad (1) vs congestiando (3) vs liguilla (2) * Resultado G(1) E(2) P(3)	5375	4	1.88	0.112	0.008
Residuals	658381	920			
Total	677500	928			

Fixed Effects Parameter Estimates

Names	Effect	Estimate	SE	95% Confidence Interval		β	df	t	p
				Lower	Upper				
(Intercept)	(Intercept)	118.54	1.06	116.472	120.614	0.0000	920	112.318	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1	2 - 1	-6.98	2.76	-12.400	-1.568	-0.2585	920	-2.531	0.012
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2	3 - 1	-3.51	2.13	-7.679	0.667	-0.1298	920	-1.649	0.099
Resultado G(1) E(2) P(3)1	2 - 1	4.18	2.62	-0.971	9.328	0.1547	920	1.592	0.112
Resultado G(1) E(2) P(3)2	3 - 1	1.55	2.20	-2.766	5.863	0.0573	920	0.705	0.481
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)1	2 - 1 * 2 - 1	1.39	6.75	-11.862	14.650	0.0516	920	0.206	0.837
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)1	3 - 1 * 2 - 1	-3.42	5.09	-13.416	6.569	-0.1267	920	-0.672	0.502
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)2	2 - 1 * 3 - 1	12.42	5.69	1.258	23.578	0.4596	920	2.184	0.029
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)2	3 - 1 * 3 - 1	9.02	4.88	-0.548	18.589	0.3338	920	1.850	0.065

General Linear Model

Model Info

Info	
Estimate	Linear model fit by OLS
Call	Peak Velocity (km/hr) ~ 1 + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)` + `Resultado G(1) E(2) P(3)` + `No-Congestionad (1) vs congestiando (3) vs liguilla (2):`Resultado G(1) E(2) P(3)`
R-squared	0.01607
Adj. R-squared	0.00751

[3]

Model Results

ANOVA Omnibus tests

	SS	df	F	p	η^2p
Model	59.21	8	1.88	0.060	0.016
No-Congestionad (1) vs congestiando (3) vs liguilla (2)	9.15	2	1.16	0.314	0.003
Resultado G(1) E(2) P(3)	12.27	2	1.56	0.211	0.003
No-Congestionad (1) vs congestiando (3) vs liguilla (2) ✱ Resultado G(1) E(2) P(3)	22.00	4	1.40	0.233	0.006
Residuals	3625.78	920			
Total	3684.99	928			

Names	Effect	Estimate	SE	95% Confidence Interval		β	df	t	p
				Lower	Upper				
(Intercept)	(Intercept)	29.0853	0.0783	28.9316	29.239	0.0000	920	371.352	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1	2 - 1	-0.1736	0.2048	-0.5756	0.228	-0.0871	920	-0.848	0.397
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2	3 - 1	0.1382	0.1578	-0.1714	0.448	0.0694	920	0.876	0.381
Resultado G(1) E(2) P(3)1	2 - 1	0.3358	0.1947	-0.0464	0.718	0.1685	920	1.724	0.085
Resultado G(1) E(2) P(3)2	3 - 1	0.0241	0.1631	-0.2961	0.344	0.0121	920	0.148	0.883
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)1	2 - 1 * 2 - 1	0.6227	0.5013	-0.3611	1.606	0.3125	920	1.242	0.214
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)1	3 - 1 * 2 - 1	0.1904	0.3779	-0.5512	0.932	0.0955	920	0.504	0.614
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)2	2 - 1 * 3 - 1	0.7699	0.4220	-0.0583	1.598	0.3864	920	1.824	0.068
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)2	3 - 1 * 3 - 1	-0.0683	0.3618	-0.7784	0.642	-0.0343	920	-0.189	0.850

General Linear Model

Model Info

Info	
Estimate	Linear model fit by OLS
Call	Max Acel. (m/s ²) ~ 1 + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)` + `Resultado G(1) E(2) P(3)` + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)`: `Resultado G(1) E(2) P(3)`
R-squared	0.00519
Adj. R-squared	-0.00346

[3]

Model Results

ANOVA Omnibus tests

	SS	df	F	p	η^2p
Model	1.4007	8	0.5995	0.779	0.005
No-Congestionad (1) vs congestiando (3) vs liguilla (2)	0.0355	2	0.0607	0.941	0.000
Resultado G(1) E(2) P(3)	0.7249	2	1.2410	0.290	0.003
No-Congestionad (1) vs congestiando (3) vs liguilla (2) * Resultado G(1) E(2) P(3)	0.8947	4	0.7658	0.548	0.003
Residuals	268.7073	920			
Total	270.1080	928			

Fixed Effects Parameter Estimates

Names	Effect	Estimate	SE	95% Confidence Interval		β	df	t	p
				Lower	Upper				
(Intercept)	(Intercept)	4.9493	0.0213	4.9075	4.9912	0.0000	920	232.124	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1	2 - 1	0.0148	0.0558	-0.0946	0.1243	0.0275	920	0.266	0.790
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2	3 - 1	0.0131	0.0430	-0.0712	0.0974	0.0243	920	0.306	0.760
Resultado G(1) E(2) P(3)1	2 - 1	0.0533	0.0530	-0.0507	0.1574	0.0989	920	1.006	0.315
Resultado G(1) E(2) P(3)2	3 - 1	-0.0384	0.0444	-0.1255	0.0488	-0.0711	920	-0.864	0.388
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)1	2 - 1 * 2 - 1	0.1483	0.1365	-0.1195	0.4161	0.2748	920	1.087	0.278
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)1	3 - 1 * 2 - 1	-0.0813	0.1029	-0.2832	0.1205	-0.1508	920	-0.791	0.429
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)2	2 - 1 * 3 - 1	-0.0601	0.1149	-0.2856	0.1653	-0.1114	920	-0.523	0.601
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)2	3 - 1 * 3 - 1	-0.0571	0.0985	-0.2504	0.1362	-0.1058	920	-0.580	0.562

General Linear Model

Model Info

Info	
Estimate	Linear model fit by OLS
Call	Max Desacel. (m/s ²) ~ 1 + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)` + `Resultado G(1) E(2) P(3)` + `No-Congestionad (1) vs congestiando (3) vs liguilla (2):`Resultado G(1) E(2) P(3)`
R-squared	0.01168
Adj. R-squared	0.00308

[3]

Model Results

ANOVA Omnibus tests

	SS	df	F	p	η^2p
Model	6.72	8	1.359	0.211	0.012
No-Congestionad (1) vs congestiando (3) vs liguilla (2)	2.45	2	1.984	0.138	0.004
Resultado G(1) E(2) P(3)	1.23	2	0.992	0.371	0.002
No-Congestionad (1) vs congestiando (3) vs liguilla (2) * Resultado G(1) E(2) P(3)	6.43	4	2.600	0.035	0.011
Residuals	569.04	920			
Total	575.76	928			

Names	Effect	Estimate	SE	95% Confidence Interval		β	df	t	p
				Lower	Upper				
(Intercept)	(Intercept)	-6.35146	0.0310	-6.412	-6.29057	0.00000	920	-204.6992	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1	2 - 1	-0.16105	0.0811	-0.320	-0.00182	-0.20446	920	-1.9850	0.047
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2	3 - 1	-0.03503	0.0625	-0.158	0.08764	-0.04447	920	-0.5604	0.575
Resultado G(1) E(2) P(3)1	2 - 1	-0.10281	0.0771	-0.254	0.04859	-0.13052	920	-1.3327	0.183
Resultado G(1) E(2) P(3)2	3 - 1	0.00293	0.0646	-0.124	0.12977	0.00372	920	0.0453	0.964
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)1	2 - 1 * 2 - 1	-0.50852	0.1986	-0.898	-0.11880	-0.64560	920	-2.5608	0.011
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)1	3 - 1 * 2 - 1	0.11064	0.1497	-0.183	0.40442	0.14046	920	0.7391	0.460
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)2	2 - 1 * 3 - 1	-0.27707	0.1672	-0.605	0.05102	-0.35176	920	-1.6573	0.098
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)2	3 - 1 * 3 - 1	-0.09128	0.1433	-0.373	0.19002	-0.11588	920	-0.6368	0.524

General Linear Model

Model Info

Info	
Estimate	Linear model fit by OLS
Call	Explosive Distance (m) ~ 1 + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)` + `Resultado G(1) E(2) P(3)` + `No-Congestionad (1) vs congestiando (3) vs liguilla (2):`Resultado G(1) E(2) P(3)`
R-squared	0.0510
Adj. R-squared	0.0428

[3]

Model Results

ANOVA Omnibus tests

	SS	df	F	p	η^2p
Model	933029	8	6.186	< .001	0.051
No-Congestionad (1) vs congestiando (3) vs liguilla (2)	376986	2	9.997	< .001	0.021
Resultado G(1) E(2) P(3)	34038	2	0.903	0.406	0.002
No-Congestionad (1) vs congestiando (3) vs liguilla (2) * Resultado G(1) E(2) P(3)	290197	4	3.848	0.004	0.016
Residuals	1.73e+7	920			
Total	1.83e+7	928			

Fixed Effects Parameter Estimates

Names	Effect	Estimate	SE	95% Confidence Interval		β	df	t	p
				Lower	Upper				
(Intercept)	(Intercept)	990.87	5.42	980.233	1001.50	0.0000	920	182.903	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1	2 - 1	-53.46	14.17	-81.257	-25.66	-0.3809	920	-3.774	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2	3 - 1	-39.24	10.91	-60.659	-17.82	-0.2796	920	-3.596	< .001
Resultado G(1) E(2) P(3)1	2 - 1	18.10	13.47	-8.337	44.53	0.1289	920	1.344	0.179
Resultado G(1) E(2) P(3)2	3 - 1	4.39	11.28	-17.752	26.54	0.0313	920	0.389	0.697
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)1	2 - 1 * 2 - 1	-52.02	34.67	-120.061	16.03	-0.3706	920	-1.500	0.134
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)1	3 - 1 * 2 - 1	-44.91	26.14	-96.205	6.38	-0.3200	920	-1.718	0.086
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)2	2 - 1 * 3 - 1	57.94	29.19	0.654	115.22	0.4128	920	1.985	0.047
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)2	3 - 1 * 3 - 1	58.02	25.03	8.902	107.13	0.4134	920	2.318	0.021

General Linear Model

Model Info

Info	
Estimate	Linear model fit by OLS
Call	HIBD Distance (m) ~ 1 + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)` + `Resultado G(1) E(2) P(3)` + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)`:`Resultado G(1) E(2) P(3)`
R-squared	0.0364
Adj. R-squared	0.0281

[3]

Model Results

ANOVA Omnibus tests

	SS	df	F	p	η^2p
Model	81787	8	4.35	< .001	0.036
No-Congestionad (1) vs congestiando (3) vs liguilla (2)	6107	2	1.30	0.273	0.003
Resultado G(1) E(2) P(3)	14255	2	3.03	0.049	0.007
No-Congestionad (1) vs congestiando (3) vs liguilla (2) * Resultado G(1) E(2) P(3)	47020	4	5.00	< .001	0.021
Residuals	2.16e+6	920			
Total	2.24e+6	928			

Names	Effect	Estimate	SE	95% Confidence Interval		β	df	t	p
				Lower	Upper				
(Intercept)	(Intercept)	246.98	1.91	243.23	250.74	0.0000	920	129.116	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1	2 - 1	-5.36	5.00	-15.17	4.46	-0.1089	920	-1.071	0.285
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2	3 - 1	2.85	3.85	-4.72	10.41	0.0579	920	0.739	0.460
Resultado G(1) E(2) P(3)1	2 - 1	6.20	4.76	-3.13	15.53	0.1261	920	1.304	0.193
Resultado G(1) E(2) P(3)2	3 - 1	-6.43	3.98	-14.25	1.39	-0.1308	920	-1.615	0.107
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)1	2 - 1 * 2 - 1	9.97	12.24	-14.06	33.99	0.2026	920	0.814	0.416
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)1	3 - 1 * 2 - 1	-5.09	9.23	-23.21	13.02	-0.1036	920	-0.552	0.581
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)2	2 - 1 * 3 - 1	29.00	10.31	8.77	49.23	0.5896	920	2.814	0.005
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)2	3 - 1 * 3 - 1	33.02	8.84	15.68	50.36	0.6714	920	3.737	< .001

General Linear Model

Model Info

Info	
Estimate	Linear model fit by OLS
Call	HSR Distance (m) ~ 1 + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)` + `Resultado G(1) E(2) P(3)` + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)`: `Resultado G(1) E(2) P(3)`
R-squared	0.0395
Adj. R-squared	0.0311

[3]

Model Results

ANOVA Omnibus tests

	SS	df	F	p	η^2p
Model	681112	8	4.72	< .001	0.039
No-Congestionad (1) vs congestiando (3) vs liguilla (2)	69744	2	1.93	0.145	0.004
Resultado G(1) E(2) P(3)	108690	2	3.02	0.050	0.007
No-Congestionad (1) vs congestiando (3) vs liguilla (2) * Resultado G(1) E(2) P(3)	388180	4	5.38	< .001	0.023
Residuals	1.66e+7	920			
Total	1.73e+7	928			

Fixed Effects Parameter Estimates

Names	Effect	Estimate	SE	95% Confidence Interval		β	df	t	p
				Lower	Upper				
(Intercept)	(Intercept)	608.261	5.30	597.87	618.655	0.0000	920	114.84338	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1	2 - 1	-26.574	13.85	-53.75	0.606	-0.1948	920	-1.91881	0.055
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2	3 - 1	-3.049	10.67	-23.99	17.890	-0.0224	920	-0.28576	0.775
Resultado G(1) E(2) P(3)1	2 - 1	10.661	13.17	-15.18	36.504	0.0782	920	0.80962	0.418
Resultado G(1) E(2) P(3)2	3 - 1	-21.830	11.03	-43.48	-0.179	-0.1601	920	-1.97881	0.048
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)1	2 - 1 * 2 - 1	0.108	33.90	-66.42	66.633	7.94e-4	920	0.00319	0.997
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)1	3 - 1 * 2 - 1	-14.474	25.55	-64.62	35.674	-0.1061	920	-0.56643	0.571
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)2	2 - 1 * 3 - 1	59.329	28.54	3.32	115.334	0.4350	920	2.07905	0.038
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)2	3 - 1 * 3 - 1	99.882	24.47	51.87	147.898	0.7324	920	4.08239	< .001

General Linear Model

Model Info

Info	
Estimate	Linear model fit by OLS
Call	Distance - Abs HSR (count) ~ 1 + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)` + `Resultado G(1) E(2) P(3)` + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)`:`Resultado G(1) E(2) P(3)`
R-squared	0.0363
Adj. R-squared	0.0279

[3]

Model Results

ANOVA Omnibus tests

	SS	df	F	p	η^2p
Model	1435	8	4.33	< .001	0.036
No-Congestionad (1) vs congestiando (3) vs liguilla (2)	158	2	1.90	0.150	0.004
Resultado G(1) E(2) P(3)	271	2	3.27	0.038	0.007
No-Congestionad (1) vs congestiando (3) vs liguilla (2) * Resultado G(1) E(2) P(3)	837	4	5.05	< .001	0.021
Residuals	38127	920			
Total	39562	928			

Names	Effect	Estimate	SE	95% Confidence Interval		β	df	t	p
				Lower	Upper				
(Intercept)	(Intercept)	31.640	0.254	31.142	32.1386	0.0000	920	124.576	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1	2 - 1	-1.269	0.664	-2.573	0.0341	-0.1944	920	-1.911	0.056
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2	3 - 1	-0.168	0.512	-1.172	0.8363	-0.0257	920	-0.328	0.743
Resultado G(1) E(2) P(3)1	2 - 1	0.374	0.631	-0.865	1.6132	0.0573	920	0.592	0.554
Resultado G(1) E(2) P(3)2	3 - 1	-1.167	0.529	-2.205	-0.1285	-0.1787	920	-2.205	0.028
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)1	2 - 1 * 2 - 1	-1.295	1.625	-4.485	1.8948	-0.1984	920	-0.797	0.426
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)1	3 - 1 * 2 - 1	-1.111	1.225	-3.515	1.2940	-0.1701	920	-0.906	0.365
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)2	2 - 1 * 3 - 1	2.097	1.368	-0.589	4.7822	0.3211	920	1.532	0.126
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)2	3 - 1 * 3 - 1	4.384	1.173	2.081	6.6864	0.6714	920	3.737	< .001

General Linear Model

Model Info

Info	
Estimate	Linear model fit by OLS
Call	Sprints Dist. >25.2 km/h (m) ~ 1 + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)` + `Resultado G(1) E(2) P(3)` + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)`:Resultado G(1) E(2) P(3)`
R-squared	0.0387
Adj. R-squared	0.0304

[3]

Model Results

ANOVA Omnibus tests

	SS	df	F	p	η^2p
Model	205321	8	4.63	< .001	0.039
No-Congestionad (1) vs congestiando (3) vs liguilla (2)	25651	2	2.32	0.099	0.005
Resultado G(1) E(2) P(3)	33024	2	2.98	0.051	0.006
No-Congestionad (1) vs congestiando (3) vs liguilla (2) * Resultado G(1) E(2) P(3)	72552	4	3.28	0.011	0.014
Residuals	5.09e+6	920			
Total	5.30e+6	928			

Fixed Effects Parameter Estimates

Names	Effect	Estimate	SE	95% Confidence Interval		β	df	t	p
				Lower	Upper				
(Intercept)	(Intercept)	165.74	2.94	159.976	171.50	0.0000	920	56.450	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1	2 - 1	-16.34	7.68	-31.406	-1.27	-0.2162	920	-2.128	0.034
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2	3 - 1	-2.77	5.91	-14.377	8.84	-0.0366	920	-0.468	0.640
Resultado G(1) E(2) P(3)1	2 - 1	14.74	7.30	0.411	29.06	0.1950	920	2.019	0.044
Resultado G(1) E(2) P(3)2	3 - 1	-4.41	6.12	-16.410	7.59	-0.0583	920	-0.721	0.471
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)1	2 - 1 * 2 - 1	21.36	18.79	-15.517	58.24	0.2826	920	1.137	0.256
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)1	3 - 1 * 2 - 1	-2.48	14.16	-30.279	25.32	-0.0328	920	-0.175	0.861
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)2	2 - 1 * 3 - 1	46.46	15.82	15.412	77.50	0.6147	920	2.937	0.003
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)2	3 - 1 * 3 - 1	37.29	13.56	10.673	63.91	0.4934	920	2.749	0.006

General Linear Model

Model Info

Info	
Estimate	Linear model fit by OLS
Call	Sprints >25.2 km/h (#) ~ 1 + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)` + `Resultado G(1) E(2) P(3)` + `No-Congestionad (1) vs congestiando (3) vs liguilla (2)`:Resultado G(1) E(2) P(3)`
R-squared	0.0284
Adj. R-squared	0.0200

[3]

Model Results

ANOVA Omnibus tests

	SS	df	F	p	η^2p
Model	312.8	8	3.37	< .001	0.028
No-Congestionad (1) vs congestiando (3) vs liguilla (2)	44.2	2	1.90	0.150	0.004
Resultado G(1) E(2) P(3)	42.9	2	1.85	0.159	0.004
No-Congestionad (1) vs congestiando (3) vs liguilla (2) ✱ Resultado G(1) E(2) P(3)	121.2	4	2.61	0.034	0.011
Residuals	10688.1	920			
Total	11000.9	928			

Names	Effect	Estimate	SE	95% Confidence Interval		β	df	t	p
				Lower	Upper				
(Intercept)	(Intercept)	9.868	0.134	9.604	10.1317	0.0000	920	73.381	< .001
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1	2 - 1	-0.672	0.352	-1.362	0.0179	-0.1952	920	-1.912	0.056
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2	3 - 1	-0.284	0.271	-0.815	0.2480	-0.0824	920	-1.047	0.295
Resultado G(1) E(2) P(3)1	2 - 1	0.430	0.334	-0.226	1.0864	0.1250	920	1.287	0.198
Resultado G(1) E(2) P(3)2	3 - 1	-0.276	0.280	-0.826	0.2735	-0.0802	920	-0.986	0.324
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)1	2 - 1 * 2 - 1	0.441	0.861	-1.248	2.1297	0.1280	920	0.512	0.609
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)1	3 - 1 * 2 - 1	-0.208	0.649	-1.481	1.0655	-0.0603	920	-0.320	0.749
No-Congestionad (1) vs congestiando (3) vs liguilla (2)1 * Resultado G(1) E(2) P(3)2	2 - 1 * 3 - 1	1.683	0.725	0.261	3.1045	0.4887	920	2.322	0.020
No-Congestionad (1) vs congestiando (3) vs liguilla (2)2 * Resultado G(1) E(2) P(3)2	3 - 1 * 3 - 1	1.650	0.621	0.431	2.8693	0.4793	920	2.657	0.008

References

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- [3] Gallucci, M. (2019). *GAMLj: General analyses for linear models*. [jamovi module]. Retrieved from <https://gamlj.github.io/>.