

# Iteración 0

María Isabel Ruiz Martínez

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## 1 Tables

Dimesiones: 47828 registros, 5 columnas por registro.

Muestra del dataset:

	year	group	date	map	action
1	1516	Achernar	17/10/2015 19:41:45	0	0
2	1516	Bellatrix	17/10/2015 19:41:45	0	0
3	1516	Cerastes	17/10/2015 19:41:45	0	0
4	1516	Denebola	17/10/2015 19:41:45	0	0
5	1516	Elnath	17/10/2015 19:41:45	0	0
6	1516	Furud	17/10/2015 19:41:45	0	0

Resumen del dataset que tenemos:

year	group	date	map	action
Min. :1516	Length:47828	Length:47828	Min. :0.000	Min. :0.000
1st Qu.:1516	Class :character	Class :character	1st Qu.:1.000	1st Qu.:1.000
Median :1617	Mode :character	Mode :character	Median :3.000	Median :2.000
Mean :1700			Mean :3.834	Mean :2.325
3rd Qu.:1920			3rd Qu.:6.000	3rd Qu.:3.000
Max. :1920			Max. :9.000	Max. :5.000

Resumen two way ANOVA test:

	Df	Sum Sq	Mean Sq	F value	Pr(>F)
map	9	93731934.01	10414659.33	462.78	0.0000
action	4	1392357.62	348089.40	15.47	0.0000
map:action	32	11542304.03	360697.00	16.03	0.0000
Residuals	47782	1075308032.78	22504.46		

Coefficientes del modelo:

	x
(Intercept)	-3028.03
map.L	23654.26
map.Q	-24955.00
map.C	21598.74
map^4	-15994.08
map^5	10348.56
map^6	-5647.81
map^7	2498.01
map^8	-914.27
map^9	286.26
action.L	-3862.79
action.Q	2831.94
action.C	-2099.11
action^4	1259.94
map.L:action.L	18957.56
map.Q:action.L	-19571.62
map.C:action.L	17087.65
map^4:action.L	-12803.65
map^5:action.L	7719.13
map^6:action.L	-4226.21
map^7:action.L	2059.40
map^8:action.L	-642.03
map.L:action.Q	-13883.73
map.Q:action.Q	14397.91
map.C:action.Q	-12449.92
map^4:action.Q	9397.10
map^5:action.Q	-5606.73
map^6:action.Q	3080.43
map^7:action.Q	-1509.95
map^8:action.Q	511.33
map.L:action.C	10334.24
map.Q:action.C	-10690.73
map.C:action.C	9289.41
map^4:action.C	-6940.32
map^5:action.C	4181.43
map^6:action.C	-2240.23
map^7:action.C	1121.38
map^8:action.C	-369.64
map.L:action^4	-6184.41
map.Q:action^4	6398.77
map.C:action^4	-5539.15
map^4:action^4	4172.09
map^5:action^4	-2476.48
map^6:action^4	1375.66
map^7:action^4	-664.54
map^8:action^4	223.22

	diff	lwr	upr	p adj
1-0	-44.48	-125.96	37.00	0.78
2-0	-59.45	-141.02	22.13	0.39
3-0	12.11	-69.67	93.88	1.00
4-0	13.58	-68.33	95.49	1.00
5-0	66.71	-15.20	148.61	0.23
6-0	51.63	-30.11	133.36	0.60
7-0	36.94	-44.86	118.75	0.92
8-0	47.86	-33.96	129.68	0.70
9-0	21.00	-60.67	102.68	1.00
2-1	-14.97	-21.62	-8.31	0.00
3-1	56.59	47.82	65.35	0.00
4-1	58.06	48.14	67.98	0.00
5-1	111.19	101.30	121.07	0.00
6-1	96.10	87.70	104.51	0.00
7-1	81.42	72.42	90.43	0.00
8-1	92.34	83.16	101.52	0.00
9-1	65.48	57.73	73.23	0.00
3-2	71.55	61.93	81.18	0.00
4-2	73.03	62.34	83.71	0.00
5-2	126.15	115.50	136.81	0.00
6-2	111.07	101.78	120.36	0.00
7-2	96.39	86.55	106.23	0.00
8-2	107.31	97.31	117.30	0.00
9-2	80.45	71.74	89.16	0.00
4-3	1.47	-10.64	13.59	1.00
5-3	54.60	42.51	66.69	0.00
6-3	39.52	28.61	50.43	0.00
7-3	24.84	13.46	36.22	0.00
8-3	35.75	24.24	47.27	0.00
9-3	8.90	-1.52	19.31	0.17
5-4	53.13	40.18	66.08	0.00
6-4	38.04	26.19	49.90	0.00
7-4	23.36	11.07	35.65	0.00
8-4	34.28	21.86	46.69	0.00
9-4	7.42	-3.98	18.83	0.56
6-5	-15.08	-26.91	-3.25	0.00
7-5	-29.76	-42.03	-17.50	0.00
8-5	-18.85	-31.24	-6.46	0.00
9-5	-45.70	-57.08	-34.33	0.00
7-6	-14.68	-25.78	-3.58	0.00
8-6	-3.77	-15.01	7.47	0.99
9-6	-30.62	-40.73	-20.51	0.00
8-7	10.91	-0.78	22.61	0.09
9-7	-15.94	-26.56	-5.33	0.00
9-8	-26.86	-37.61	-16.10	0.00