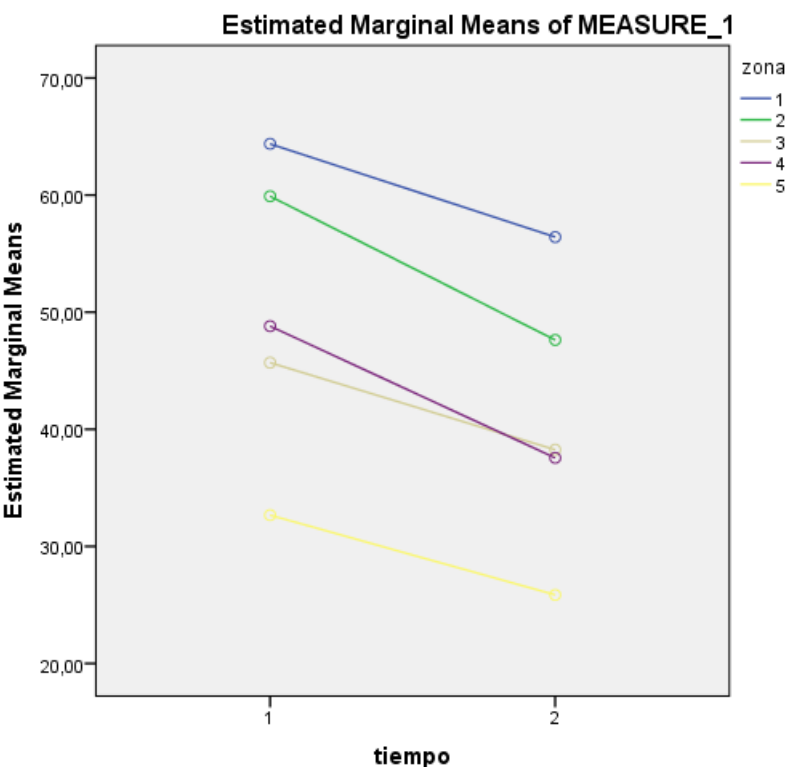


Gráfico que se analiza



Considerando el TIEMPO=1

Las medias de cada zona son

measure. MEASURE_1			
tiempo	zona	Mean	S
1	1	64,373	
	2	59,902	
	3	45,688	
	4	48,809	
	5	32,670	
2	1	56,445	

Los p-valores de las diferencias de medias entre zonas (para el tiempo 1), son:

En todos los casos se compara la zona I con la zona J.

tiempo	(I) zona	(J) zona	Mean Difference (I-J)	Std. Error	Sig. ^b
1	1	2	4,471	2,320	,554
		3	18,685 [*]	2,119	,000
		4	15,563 [*]	2,047	,000
		5	31,703 [*]	2,021	,000
		2	-4,471	2,320	,554
	2	3	14,214 [*]	1,736	,000
		4	11,093 [*]	1,877	,000
		5	27,232 [*]	1,613	,000
		1	-18,685 [*]	2,119	,000
		2	-14,214 [*]	1,736	,000
	3	4	-3,121	1,604	,530
		5	13,018 [*]	1,232	,000
		1	-15,563 [*]	2,047	,000
		2	-11,093 [*]	1,877	,000
		3	3,121	1,604	,530
	4	5	16,139 [*]	1,441	,000
		1	-31,703 [*]	2,021	,000
		2	-27,232 [*]	1,613	,000
		3	-13,018 [*]	1,232	,000
		4	-16,139 [*]	1,441	,000

En resumen, podemos ver que las únicas diferencias que NO son significativas son la zona 1 v/s zona 2 y zona 3 v/s zona 4.

Considerando el TIEMPO=2

Las medias de cada zona son

	3	32,010
2	1	56,415
	2	47,628
	3	38,256
	4	37,559
	5	25,857

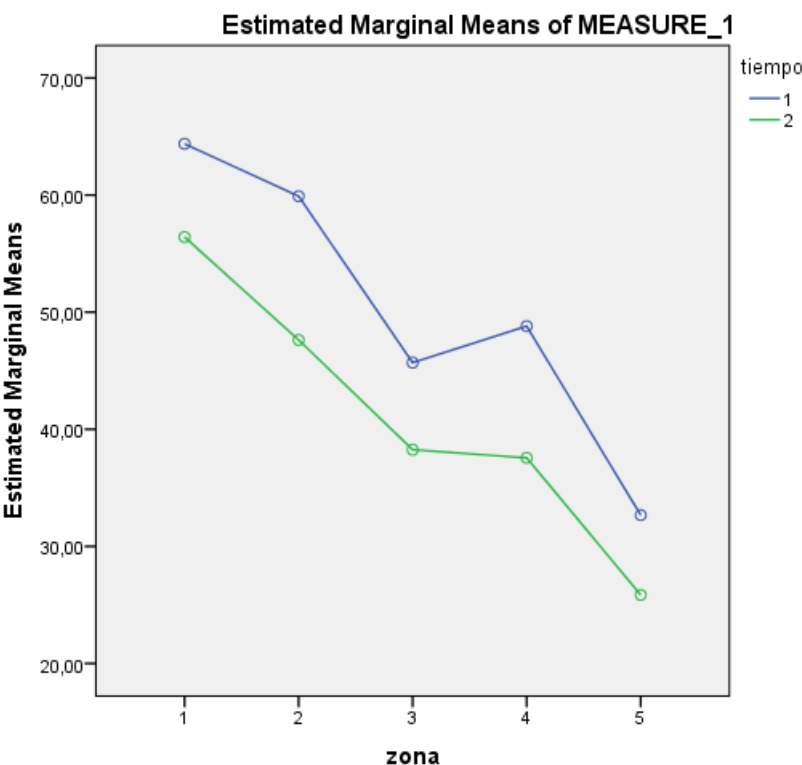
Los p-valores de las diferencias de medias entre zonas (para el tiempo 2), son:

En todos los casos se compara la zona I con la zona J.

2	1	2	8,787 [*]	2,071	,000
		3	18,159 [*]	1,989	,000
		4	18,856 [*]	2,085	,000
		5	30,558 [*]	1,908	,000
		1	-8,787 [*]	2,071	,000
	2	3	9,372 [*]	1,347	,000
		4	10,070 [*]	1,707	,000
		5	21,771 [*]	1,688	,000
		1	-18,159 [*]	1,989	,000
		2	-9,372 [*]	1,347	,000
	3	4	,697	1,429	1,000
		5	12,399 [*]	1,141	,000
		1	-18,856 [*]	2,085	,000
		2	-10,070 [*]	1,707	,000
		3	-,697	1,429	1,000
	4	5	11,702 [*]	1,326	,000
		1	-30,558 [*]	1,908	,000
		2	-21,771 [*]	1,688	,000
		3	-12,399 [*]	1,141	,000
		4	-11,702 [*]	1,326	,000
	5				

En resumen, podemos ver que las únicas diferencias que NO son significativas son la zona 3 v/s zona 4.

Gráfico que se analiza



Las medias de cada zona en cada tiempo, son las mismas de antes:

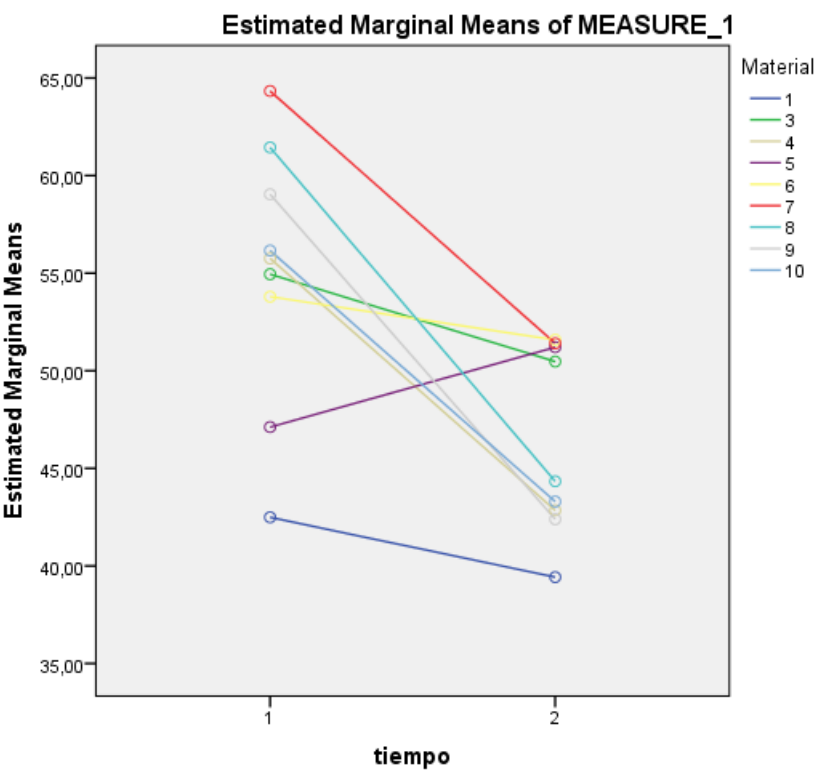
measure: MEASURE_1			
tiempo	zona	Mean	S
1	1	64,373	
	2	59,902	
	3	45,688	
	4	48,809	
	5	32,670	
2	1	56,415	
	2	47,628	
	3	38,256	
	4	37,559	
	5	25,857	

Solo que ahora comparamos en cada zona los dos tiempos:

zona	(I) tiempo	(J) tiempo	Mean Difference (I-J)	Std. Error	Sig. ^b
1	1	2	7,958 [*]	2,370	,001
	2	1	-7,958 [*]	2,370	,001
2	1	2	12,274 [*]	1,579	,000
	2	1	-12,274 [*]	1,579	,000
3	1	2	7,432 [*]	,965	,000
	2	1	-7,432 [*]	,965	,000
4	1	2	11,250 [*]	1,131	,000
	2	1	-11,250 [*]	1,131	,000
5	1	2	6,813 [*]	,901	,000
	2	1	-6,813 [*]	,901	,000

Podemos ver que TODAS las diferencias son significativas.

Gráfico que se analiza



Considerando el TIEMPO=1

Las medias de cada material son

Material	tiempo	
1	1	42,492
3	1	54,946
4	1	55,757
5	1	47,114
6	1	53,794
7	1	64,332
8	1	61,443
9	1	59,040
10	1	56,160

Los p-valores que comparan el material I con el material J en el tiempo 1, son

tiempo	(I) Material	(J) Material	Mean Difference (I-J)	Std. Error	Sig. ^b
1	1	3	-12,453	4,259	,138
		4	-13,265 [*]	3,943	,033
		5	-4,622	5,090	1,000
		6	-11,302	4,387	,384
		7	-21,840 [*]	4,775	,000
		8	-18,951 [*]	4,553	,002
		9	-16,548 [*]	3,943	,001
		10	-13,668 [*]	3,809	,015
3	1	1	12,453	4,259	,138
		4	-,812	3,599	1,000
		5	7,831	4,829	1,000
		6	1,151	4,081	1,000
		7	-9,387	4,495	1,000
		8	-6,497	4,259	1,000
		9	-4,095	3,599	1,000
		10	-1,214	3,452	1,000
4	1	1	13,265 [*]	3,943	,033
		3	,812	3,599	1,000
		5	8,643	4,553	1,000
		6	1,963	3,750	1,000
		7	-8,575	4,197	1,000

	8	-5,686	3,943	1,000
	9	-3,283	3,219	1,000
	10	-,402	3,054	1,000
	5	1	4,622	5,090
		3	-7,831	4,829
		4	-8,643	4,553
		6	-6,680	4,942
		7	-17,218*	5,290
		8	-14,329	5,090
		9	-11,926	4,553
		10	-9,045	4,437
	6	1	11,302	4,387
		3	-1,151	4,081
		4	-1,963	3,750
		5	6,680	4,942
		7	-10,538	4,617
		8	-7,648	4,387
		9	-5,246	3,750
		10	-2,365	3,609
	7	1	21,840*	4,775
		3	9,387	4,495
		4	8,575	4,197
		5	17,218*	5,290
		6	10,538	4,617

	8	2,889	4,775	1,000
	9	5,292	4,197	1,000
	10	8,173	4,072	1,000
	8	18,951*	4,553	,002
	3	6,497	4,259	1,000
	4	5,686	3,943	1,000
	5	14,329	5,090	,192
	6	7,648	4,387	1,000
	7	-2,889	4,775	1,000
	9	2,402	3,943	1,000
	10	5,283	3,809	1,000
9	1	16,548*	3,943	,001
	3	4,095	3,599	1,000
	4	3,283	3,219	1,000
	5	11,926	4,553	,339
	6	5,246	3,750	1,000
	7	-5,292	4,197	1,000
	8	-2,402	3,943	1,000
	10	2,881	3,054	1,000
10	1	13,668*	3,809	,015
	3	1,214	3,452	1,000
	4	,402	3,054	1,000
	5	9,045	4,437	1,000
	6	2,365	3,609	1,000

	7	-8,173	4,072	1,000
	8	-5,283	3,809	1,000
	9	-2,881	3,054	1,000

Como puede verse, muy pocas diferencias fueron significativas en el tiempo 1. Básicamente, el material 1 es el que se diferencia más del resto.

Considerando el TIEMPO=2

Las medias de cada material son

Material tiempo

1		
	2	39,425
3		
	2	50,470
4		
	2	42,847
5		
	2	51,206
6		
	2	51,580
7		
	2	51,404
8		
	2	44,334
9		
	2	42,395
10		
	2	43,298

Los p-valores que comparan el material I con el material J en el tiempo 2, son

tiempo	(I) Material	(J) Material	Mean Difference (I-J)	Std. Error	Sig. ^b
2	1	3	-11,045 [*]	3,221	,026
		4	-3,422	2,982	1,000
		5	-11,781	3,850	,090
		6	-12,155 [*]	3,318	,011
		7	-11,979 [*]	3,612	,038
		8	-4,909	3,444	1,000
		9	-2,970	2,982	1,000
		10	-3,873	2,881	1,000
3	1	1	11,045 [*]	3,221	,026
		4	7,623	2,722	,201
		5	-,737	3,653	1,000
		6	-1,111	3,087	1,000
		7	-,934	3,400	1,000
		8	6,136	3,221	1,000
		9	8,075	2,722	,121
		10	7,172	2,611	,235
4	1	1	3,422	2,982	1,000
		3	-7,623	2,722	,201
		5	-8,359	3,444	,577
		6	-8,733	2,837	,085
		7	-8,557	3,175	,273

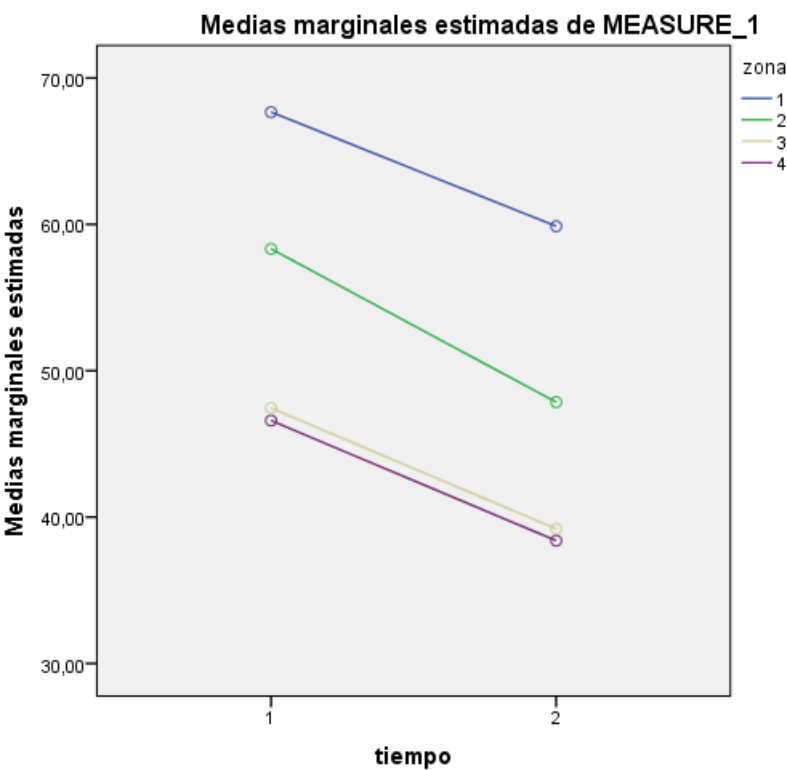
	8	-1,487	2,982	1,000
	9	,452	2,435	1,000
	10	-,450	2,310	1,000
5	1	11,781	3,850	,090
	3	,737	3,653	1,000
	4	8,359	3,444	,577
	6	-,374	3,739	1,000
	7	-,198	4,001	1,000
	8	6,872	3,850	1,000
	9	8,811	3,444	,403
	10	7,909	3,356	,697
6	1	12,155*	3,318	,011
	3	1,111	3,087	1,000
	4	8,733	2,837	,085
	5	,374	3,739	1,000
	7	,176	3,493	1,000
	8	7,246	3,318	1,000
	9	9,185	2,837	,050
	10	8,283	2,730	,098
7	1	11,979*	3,612	,038
	3	,934	3,400	1,000
	4	8,557	3,175	,273
	5	,198	4,001	1,000
	6	-,176	3,493	1,000
	8	7,070	3,612	1,000

	9	9,009	3,175	,179
	10	8,106	3,080	,328
8	1	4,909	3,444	1,000
	3	-6,136	3,221	1,000
	4	1,487	2,982	1,000
	5	-6,872	3,850	1,000
	6	-7,246	3,318	1,000
	7	-7,070	3,612	1,000
	9	1,939	2,982	1,000
	10	1,036	2,881	1,000
9	1	2,970	2,982	1,000
	3	-8,075	2,722	,121
	4	-,452	2,435	1,000
	5	-8,811	3,444	,403
	6	-9,185	2,837	,050
	7	-9,009	3,175	,179
	8	-1,939	2,982	1,000
	10	-,903	2,310	1,000
10	1	3,873	2,881	1,000
	3	-7,172	2,611	,235
	4	,450	2,310	1,000
	5	-7,909	3,356	,697
	6	-8,283	2,730	,098
	7	-8,106	3,080	,328
	8	-1,036	2,881	1,000

9	,903	2,310	1,000
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Como puede verse, muy pocas diferencias fueron significativas en el tiempo 2.

Gráfico que se analiza



Las medias de las distintas zonas y tiempos son:

MEASURE_1		
tiempo	zona	Media
1	1	67,665
	2	58,324
	3	47,451
	4	46,595
2	1	59,870
	2	47,855
	3	39,199
	4	38,391

Considerando el TIEMPO=1

Los p-valores que comparan la zona I con la zona J en el tiempo 1, son

tiempo	(I) zona	(J) zona	Diferencia de medias (I-J)	Error estándar	Sig. ^b
1	1	2	9,342 [*]	2,594	,002
		3	20,214 [*]	2,230	,000
		4	21,070 [*]	2,326	,000
	2	1	-9,342 [*]	2,594	,002
		3	10,872 [*]	1,855	,000
		4	11,728 [*]	1,940	,000
	3	1	-20,214 [*]	2,230	,000
		2	-10,872 [*]	1,855	,000
		4	,856	1,490	1,000
	4	1	-21,070 [*]	2,326	,000
		2	-11,728 [*]	1,940	,000
		3	-,856	1,490	1,000

Como puede verse, en el tiempo 1, la única diferencia NO significativa es la de zona 3 v/s zona 4.

Considerando el TIEMPO=2

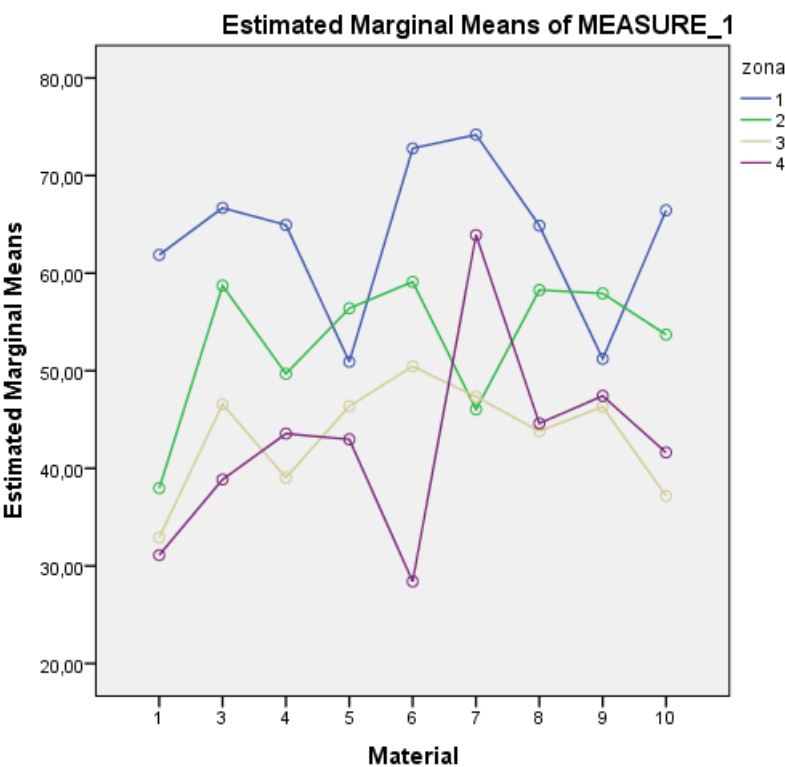
Los p-valores que comparan la zona I con la zona J en el tiempo 2, son

tiempo	(I) zona	(J) zona	Diferencia de medias (I-J)	Error estándar	Sig. ^b
2	1	2	12,014 [*]	2,092	,000
		3	20,670 [*]	1,952	,000
		4	21,479 [*]	2,020	,000

2	1	-12,014 [*]	2,092	,000
	3	8,656 [*]	1,389	,000
	4	9,465 [*]	1,535	,000
3	1	-20,670 [*]	1,952	,000
	2	-8,656 [*]	1,389	,000
	4	,809	1,303	1,000
4	1	-21,479 [*]	2,020	,000
	2	-9,465 [*]	1,535	,000
	3	-,809	1,303	1,000

Como puede verse, en el tiempo 1, la única diferencia NO significativa es la de zona 3 v/s zona 4.

Gráfico que se analiza



Las medias por zonas y material utilizado son:

Material	zona	Mean
1	1	61,866
	2	37,964
	3	32,900
	4	31,104
3	1	66,685
	2	58,720
	3	46,566
	4	38,859

4	1	64,939
	2	49,685
	3	39,035
	4	43,549
5	1	50,917
	2	56,393
	3	46,363
	4	42,969
6	1	72,783
	2	59,107
	3	50,449
	4	28,410
7	1	74,191
	2	46,043
	3	47,336
	4	63,901
8	1	64,870
	2	58,272
	3	43,808
	4	44,604
9	1	51,222
	2	57,922
	3	46,307
	4	47,419
10	1	66,433

2	53,698
3	37,162
4	41,621

Los p-valores de estas comparaciones, comparando la zona I con la zona J en cada material son:

Material	(I) zona	(J) zona	Diferencia de medias (I-J)	Error estándar	Sig. ^b
1	1	2	23,901 [*]	6,446	,002
		3	28,966 [*]	5,512	,000
		4	30,762 [*]	5,528	,000
	2	1	-23,901 [*]	6,446	,002
		3	5,064	4,728	1,000
		4	6,860	4,696	,873
	3	1	-28,966 [*]	5,512	,000
		2	-5,064	4,728	1,000
		4	1,796	4,023	1,000
	4	1	-30,762 [*]	5,528	,000
		2	-6,860	4,696	,873
		3	-1,796	4,023	1,000
3	1	2	7,965	5,582	,930
		3	20,119 [*]	4,774	,000
		4	27,827 [*]	4,787	,000
	2	1	-7,965	5,582	,930

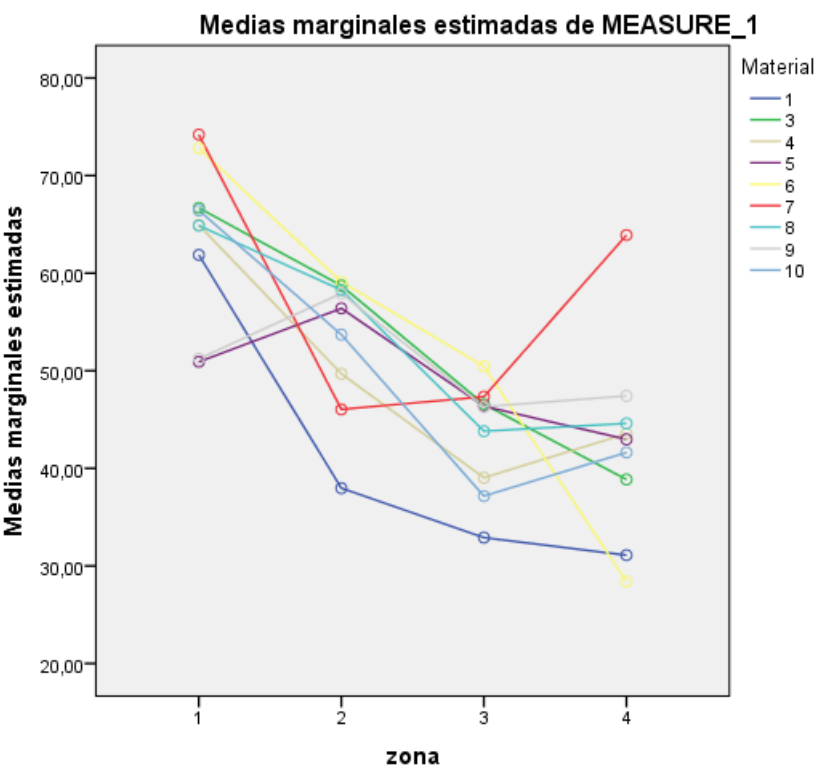
		3	12,154 ⁺	4,095	,020
		4	19,862 ⁺	4,067	,000
3	1		-20,119 ⁺	4,774	,000
	2		-12,154 ⁺	4,095	,020
	4		7,708	3,484	,168
4	1		-27,827 ⁺	4,787	,000
	2		-19,862 ⁺	4,067	,000
	3		-7,708	3,484	,168
4	1	2	15,254 ⁺	4,558	,006
		3	25,904 ⁺	3,898	,000
		4	21,391 ⁺	3,909	,000
2	1		-15,254 ⁺	4,558	,006
	3		10,650 ⁺	3,343	,010
	4		6,137	3,320	,396
3	1		-25,904 ⁺	3,898	,000
	2		-10,650 ⁺	3,343	,010
	4		-4,514	2,844	,684
4	1		-21,391 ⁺	3,909	,000
	2		-6,137	3,320	,396
	3		4,514	2,844	,684
5	1	2	-5,476	7,894	1,000
		3	4,554	6,751	1,000
		4	7,948	6,770	1,000
2	1		5,476	7,894	1,000
	3		10,030	5,791	,508

	4		13,423	5,751	,123	
	3	1	-4,554	6,751	1,000	
		2	-10,030	5,791	,508	
		4	3,393	4,927	1,000	
	4	1	-7,948	6,770	1,000	
		2	-13,423	5,751	,123	
		3	-3,393	4,927	1,000	
	6	1	2	13,676	5,967	,137
			3	22,334 [*]	5,103	,000
		4	44,374 [*]	5,118	,000	
2		1	-13,676	5,967	,137	
		3	8,658	4,377	,295	
		4	30,697 [*]	4,348	,000	
3		1	-22,334 [*]	5,103	,000	
		2	-8,658	4,377	,295	
		4	22,040 [*]	3,724	,000	
4		1	-44,374 [*]	5,118	,000	
		2	-30,697 [*]	4,348	,000	
		3	-22,040 [*]	3,724	,000	
7	1	2	28,148 [*]	7,061	,001	
		3	26,855 [*]	6,038	,000	
		4	10,290	6,056	,544	
	2	1	-28,148 [*]	7,061	,001	
		3	-1,293	5,179	1,000	
		4	-17,858 [*]	5,144	,004	

	3	1	-26,855 ⁺	6,038	,000
		2	1,293	5,179	1,000
		4	-16,565 ⁺	4,407	,001
	4	1	-10,290	6,056	,544
		2	17,858 ⁺	5,144	,004
		3	16,565 ⁺	4,407	,001
8	1	2	6,598	6,446	1,000
		3	21,062 ⁺	5,512	,001
		4	20,266 ⁺	5,528	,002
	2	1	-6,598	6,446	1,000
		3	14,464 ⁺	4,728	,015
		4	13,668 ⁺	4,696	,024
	3	1	-21,062 ⁺	5,512	,001
		2	-14,464 ⁺	4,728	,015
		4	-,796	4,023	1,000
	4	1	-20,266 ⁺	5,528	,002
		2	-13,668 ⁺	4,696	,024
		3	,796	4,023	1,000
9	1	2	-6,700	4,558	,858
		3	4,915	3,898	1,000
		4	3,802	3,909	1,000
	2	1	6,700	4,558	,858
		3	11,615 ⁺	3,343	,004
		4	10,503 ⁺	3,320	,011
	3	1	-4,915	3,898	1,000

		2	-11,615 [*]	3,343	,004
		4	-1,112	2,844	1,000
	4	1	-3,802	3,909	1,000
		2	-10,503 [*]	3,320	,011
		3	1,112	2,844	1,000
10	1	2	12,735 [*]	4,077	,012
		3	29,270 [*]	3,486	,000
		4	24,811 [*]	3,496	,000
	2	1	-12,735 [*]	4,077	,012
		3	16,536 [*]	2,990	,000
		4	12,077 [*]	2,970	,000
	3	1	-29,270 [*]	3,486	,000
		2	-16,536 [*]	2,990	,000
		4	-4,459	2,544	,487
	4	1	-24,811 [*]	3,496	,000
		2	-12,077 [*]	2,970	,000
		3	4,459	2,544	,487

Gráfico que se analiza



Las medias por zonas y material utilizado son (las mismas de antes):

Material	zona	Mean
1	1	61,866
	2	37,964
	3	32,900
	4	31,104
3	1	66,685
	2	58,720
	3	46,566
	4	38,859
4	1	64,939

	2	49,685
	3	39,035
	4	43,549
5	1	50,917
	2	56,393
	3	46,363
	4	42,969
6	1	72,783
	2	59,107
	3	50,449
	4	28,410
7	1	74,191
	2	46,043
	3	47,336
	4	63,901
8	1	64,870
	2	58,272
	3	43,808
	4	44,604
9	1	51,222
	2	57,922
	3	46,307
	4	47,419
10	1	66,433
	2	53,698

3	37,162
4	41,621

Los p-valores de estas comparaciones, comparando el material I con el material J en cada zona son:

zona	(I) Material	(J) Material	Diferencia de medias (I-J)	Error estándar	Sig. ^b
1	1	3	-4,820	6,470	1,000
		4	-3,074	5,990	1,000
		5	10,949	7,734	1,000
		6	-10,917	6,666	1,000
		7	-12,325	7,255	1,000
		8	-3,004	6,917	1,000
		9	10,644	5,990	1,000
		10	-4,567	5,787	1,000
3	1	1	4,820	6,470	1,000
		4	1,746	5,469	1,000
		5	15,769	7,337	1,000
		6	-6,098	6,201	1,000
		7	-7,506	6,830	1,000
		8	1,815	6,470	1,000
		9	15,464	5,469	,185
		10	,253	5,245	1,000
4	1	1	3,074	5,990	1,000

	3	-1,746	5,469	1,000	
	5	14,023	6,917	1,000	
	6	-7,844	5,698	1,000	
	7	-9,252	6,377	1,000	
	8	,069	5,990	1,000	
	9	13,718	4,891	,198	
	10	-1,493	4,640	1,000	
	5	1	-10,949	7,734	1,000
	3	-15,769	7,337	1,000	
	4	-14,023	6,917	1,000	
	6	-21,867	7,509	,143	
	7	-23,275	8,037	,150	
	8	-13,953	7,734	1,000	
	9	-,305	6,917	1,000	
	10	-15,516	6,742	,804	
	6	1	10,917	6,666	1,000
	3	6,098	6,201	1,000	
	4	7,844	5,698	1,000	
	5	21,867	7,509	,143	
	7	-1,408	7,015	1,000	
	8	7,913	6,666	1,000	
	9	21,562*	5,698	,007	
	10	6,351	5,484	1,000	
	7	1	12,325	7,255	1,000

	3	7,506	6,830	1,000	
	4	9,252	6,377	1,000	
	5	23,275	8,037	,150	
	6	1,408	7,015	1,000	
	8	9,321	7,255	1,000	
	9	22,970 ⁺	6,377	,014	
	10	7,759	6,187	1,000	
	8	1	3,004	6,917	1,000
	3	-1,815	6,470	1,000	
	4	-,069	5,990	1,000	
	5	13,953	7,734	1,000	
	6	-7,913	6,666	1,000	
	7	-9,321	7,255	1,000	
	9	13,648	5,990	,853	
	10	-1,563	5,787	1,000	
	9	1	-10,644	5,990	1,000
	3	-15,464	5,469	,185	
	4	-13,718	4,891	,198	
	5	,305	6,917	1,000	
	6	-21,562 ⁺	5,698	,007	
	7	-22,970 ⁺	6,377	,014	
	8	-13,648	5,990	,853	
	10	-15,211 ⁺	4,640	,044	
	10	1	4,567	5,787	1,000

		3	-253	5,245	1,000
		4	1,493	4,640	1,000
		5	15,516	6,742	,804
		6	-6,351	5,484	1,000
		7	-7,759	6,187	1,000
		8	1,563	5,787	1,000
		9	15,211 [*]	4,640	,044
2	1	3	-20,756 [*]	5,684	,012
		4	-11,721	5,263	,971
		5	-18,428	6,794	,260
		6	-21,143 [*]	5,856	,014
		7	-8,079	6,374	1,000
		8	-20,308 [*]	6,077	,035
		9	-19,958 [*]	5,263	,007
		10	-15,734	5,084	,080
	3	1	20,756 [*]	5,684	,012
		4	9,035	4,804	1,000
		5	2,328	6,446	1,000
		6	-,387	5,448	1,000
		7	12,677	6,001	1,000
		8	,448	5,684	1,000
		9	,798	4,804	1,000
		10	5,022	4,608	1,000
4	1		11,721	5,263	,971
	3		-9,035	4,804	1,000

	5	-6,707	6,077	1,000
	6	-9,422	5,006	1,000
	7	3,642	5,603	1,000
	8	-8,587	5,263	1,000
	9	-8,237	4,297	1,000
	10	-4,013	4,077	1,000
5	1	18,428	6,794	,260
	3	-2,328	6,446	1,000
	4	6,707	6,077	1,000
	6	-2,715	6,597	1,000
	7	10,349	7,061	1,000
	8	-1,879	6,794	1,000
	9	-1,530	6,077	1,000
	10	2,694	5,923	1,000
6	1	21,143*	5,856	,014
	3	,387	5,448	1,000
	4	9,422	5,006	1,000
	5	2,715	6,597	1,000
	7	13,064	6,163	1,000
	8	,835	5,856	1,000
	9	1,185	5,006	1,000
	10	5,409	4,818	1,000
7	1	8,079	6,374	1,000
	3	-12,677	6,001	1,000
	4	-3,642	5,603	1,000

	5	-10,349	7,061	1,000
	6	-13,064	6,163	1,000
	8	-12,229	6,374	1,000
	9	-11,879	5,603	1,000
	10	-7,655	5,435	1,000
8	1	20,308*	6,077	,035
	3	-,448	5,684	1,000
	4	8,587	5,263	1,000
	5	1,879	6,794	1,000
	6	-,835	5,856	1,000
	7	12,229	6,374	1,000
	9	,350	5,263	1,000
	10	4,574	5,084	1,000
9	1	19,958*	5,263	,007
	3	-,798	4,804	1,000
	4	8,237	4,297	1,000
	5	1,530	6,077	1,000
	6	-1,185	5,006	1,000
	7	11,879	5,603	1,000
	8	-,350	5,263	1,000
	10	4,224	4,077	1,000
10	1	15,734	5,084	,080
	3	-5,022	4,608	1,000
	4	4,013	4,077	1,000
	5	-2,694	5,923	1,000

		6	-5,409	4,818	1,000
		7	7,655	5,435	1,000
		8	-4,574	5,084	1,000
		9	-4,224	4,077	1,000
3	1	3	-13,666*	3,993	,027
		4	-6,135	3,696	1,000
		5	-13,462	4,772	,188
		6	-17,549*	4,113	,001
		7	-14,436	4,477	,052
		8	-10,908	4,268	,406
		9	-13,407*	3,696	,013
		10	-4,262	3,571	1,000
3	1		13,666*	3,993	,027
		4	7,531	3,374	,959
		5	,204	4,527	1,000
		6	-3,883	3,826	1,000
		7	-,770	4,215	1,000
		8	2,758	3,993	1,000
		9	,259	3,374	1,000
		10	9,404	3,237	,146
4	1		6,135	3,696	1,000
		3	-7,531	3,374	,959
		5	-7,327	4,268	1,000
		6	-11,414*	3,516	,049
		7	-8,301	3,935	1,000

	8	-4,773	3,696	1,000
	9	-7,272	3,018	,605
	10	1,873	2,863	1,000
5	1	13,462	4,772	,188
	3	-,204	4,527	1,000
	4	7,327	4,268	1,000
	6	-4,087	4,634	1,000
	7	-,974	4,959	1,000
	8	2,555	4,772	1,000
	9	,055	4,268	1,000
	10	9,200	4,160	1,000
6	1	17,549*	4,113	,001
	3	3,883	3,826	1,000
	4	11,414*	3,516	,049
	5	4,087	4,634	1,000
	7	3,113	4,329	1,000
	8	6,642	4,113	1,000
	9	4,142	3,516	1,000
	10	13,287*	3,384	,004
7	1	14,436	4,477	,052
	3	,770	4,215	1,000
	4	8,301	3,935	1,000
	5	,974	4,959	1,000
	6	-3,113	4,329	1,000
	8	3,528	4,477	1,000

	9	1,029	3,935	1,000
	10	10,174	3,818	,298
8	1	10,908	4,268	,406
	3	-2,758	3,993	1,000
	4	4,773	3,696	1,000
	5	-2,555	4,772	1,000
	6	-6,642	4,113	1,000
	7	-3,528	4,477	1,000
	9	-2,499	3,696	1,000
	10	6,645	3,571	1,000
9	1	13,407*	3,696	,013
	3	-,259	3,374	1,000
	4	7,272	3,018	,605
	5	-,055	4,268	1,000
	6	-4,142	3,516	1,000
	7	-1,029	3,935	1,000
	8	2,499	3,696	1,000
	10	9,145	2,863	,058
10	1	4,262	3,571	1,000
	3	-9,404	3,237	,146
	4	-1,873	2,863	1,000
	5	-9,200	4,160	1,000
	6	-13,287*	3,384	,004
	7	-10,174	3,818	,298
	8	-6,645	3,571	1,000

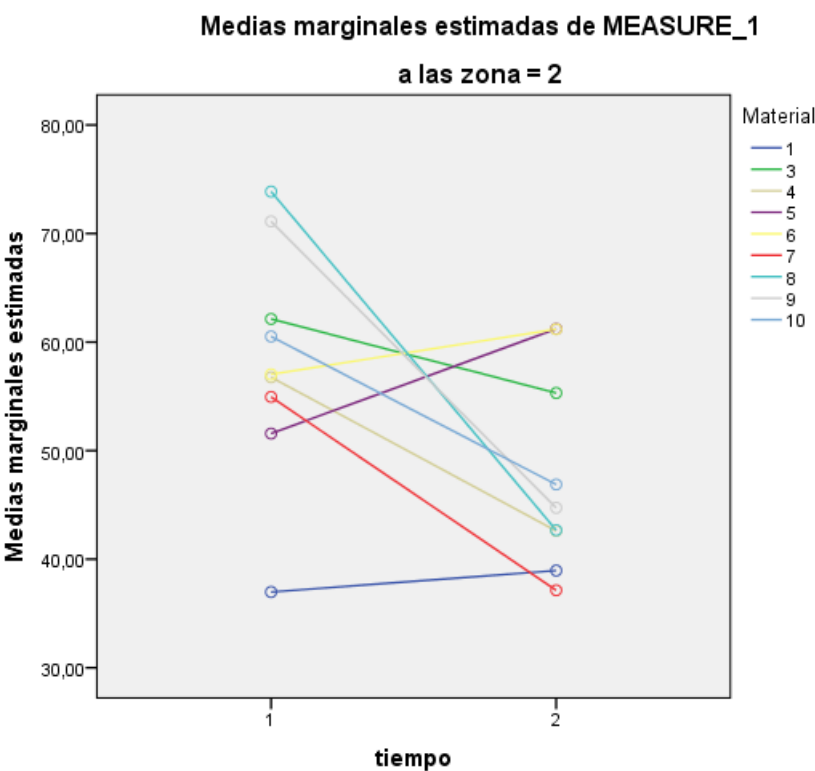
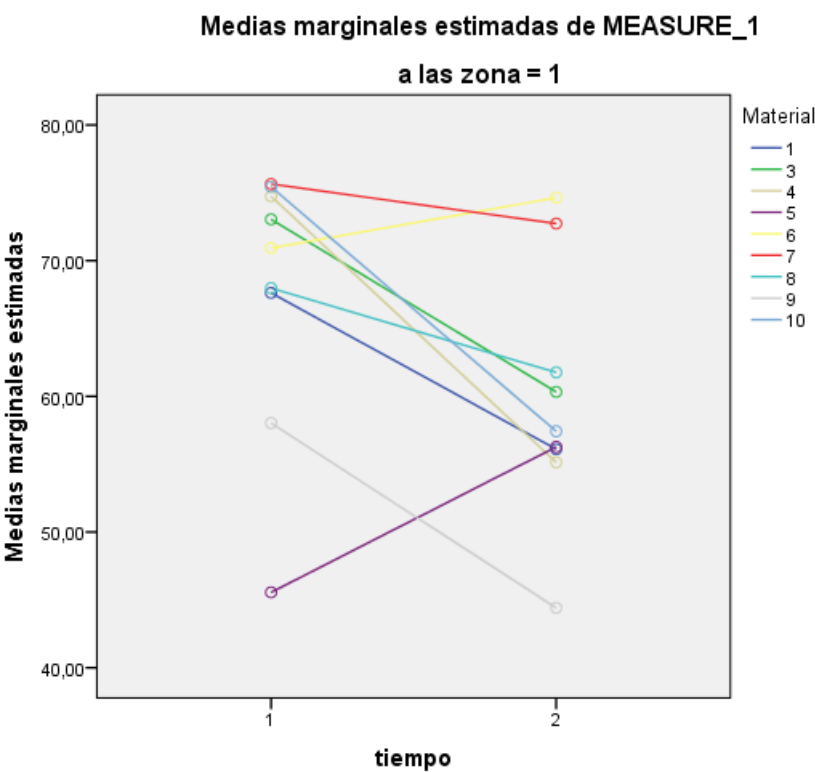
		9	-9,145	2,863	,058
4	1	3	-7,754	4,794	1,000
		4	-12,445	4,438	,198
		5	-11,865	5,729	1,000
		6	2,694	4,938	1,000
		7	-32,797*	5,375	,000
		8	-13,500	5,125	,325
		9	-16,315*	4,438	,011
		10	-10,517	4,288	,539
3	1		7,754	4,794	1,000
		4	-4,690	4,051	1,000
		5	-4,111	5,435	1,000
		6	10,449	4,594	,861
		7	-25,043*	5,060	,000
		8	-5,745	4,794	1,000
		9	-8,561	4,051	1,000
		10	-2,763	3,886	1,000
4	1		12,445	4,438	,198
		3	4,690	4,051	1,000
		5	,580	5,125	1,000
		6	15,139*	4,221	,015
		7	-20,352*	4,725	,001
		8	-1,055	4,438	1,000
		9	-3,871	3,624	1,000
		10	1,928	3,438	1,000

5	1	11,865	5,729	1,000
	3	4,111	5,435	1,000
	4	-580	5,125	1,000
	6	14,559	5,563	,342
	7	-20,932*	5,954	,019
	8	-1,635	5,729	1,000
	9	-4,450	5,125	1,000
	10	1,348	4,995	1,000
6	1	-2,694	4,938	1,000
	3	-10,449	4,594	,861
	4	-15,139*	4,221	,015
	5	-14,559	5,563	,342
	7	-35,492*	5,197	,000
	8	-16,194*	4,938	,044
	9	-19,010*	4,221	,000
	10	-13,212*	4,063	,048
7	1	32,797*	5,375	,000
	3	25,043*	5,060	,000
	4	20,352*	4,725	,001
	5	20,932*	5,954	,019
	6	35,492*	5,197	,000
	8	19,297*	5,375	,015
	9	16,482*	4,725	,021
	10	22,280*	4,584	,000
8	1	13,500	5,125	,325

	3	5,745	4,794	1,000
	4	1,055	4,438	1,000
	5	1,635	5,729	1,000
	6	16,194*	4,938	,044
	7	-19,297*	5,375	,015
	9	-2,816	4,438	1,000
	10	2,983	4,288	1,000
9	1	16,315*	4,438	,011
	3	8,561	4,051	1,000
	4	3,871	3,624	1,000
	5	4,450	5,125	1,000
	6	19,010*	4,221	,000
	7	-16,482*	4,725	,021
	8	2,816	4,438	1,000
	10	5,798	3,438	1,000
10	1	10,517	4,288	,539
	3	2,763	3,886	1,000
	4	-1,928	3,438	1,000
	5	-1,348	4,995	1,000
	6	13,212*	4,063	,048
	7	-22,280*	4,584	,000
	8	-2,983	4,288	1,000
	9	-5,798	3,438	1,000

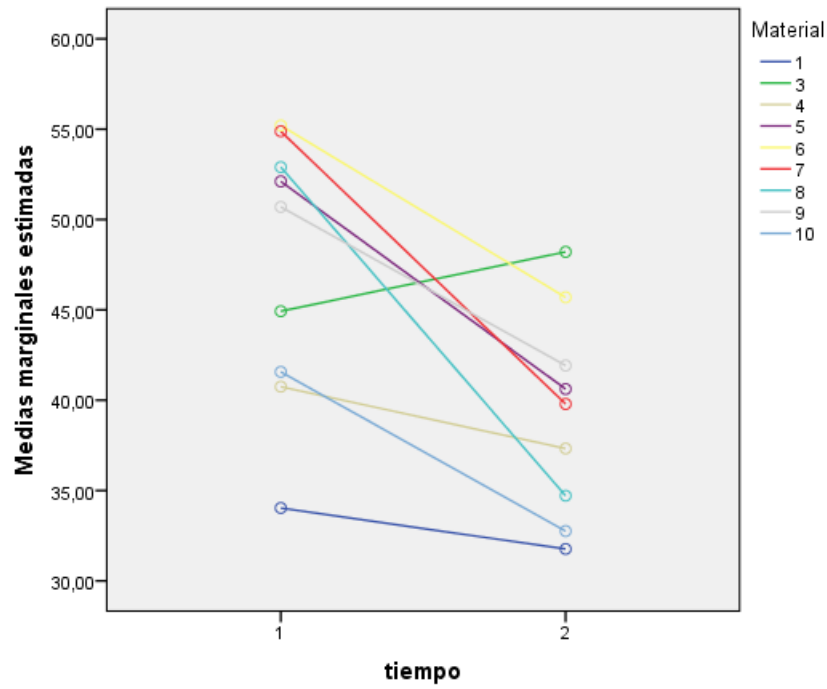
El material 7 es diferente de todos.

Gráficos que se analizan



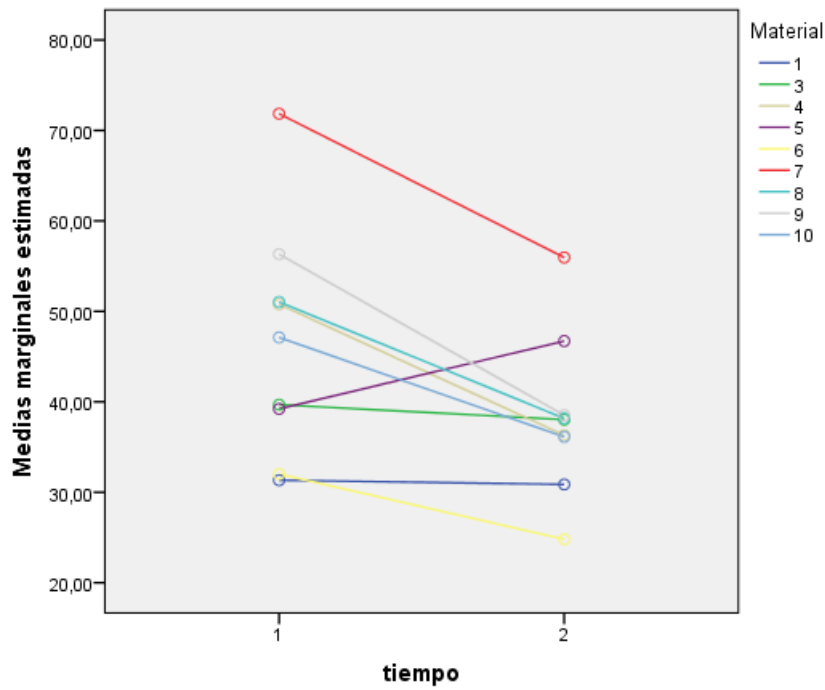
Medias marginales estimadas de MEASURE_1

a las zona = 3



Medias marginales estimadas de MEASURE_1

a las zona = 4



La tabla con valores medios es:

tiempo	Material	zona	Media
1	1	1	67,623
		2	36,977
		3	34,034
		4	31,335
	3	1	73,045
		2	62,131
		3	44,925
		4	39,682
	4	1	74,742
		2	56,762
		3	40,747
		4	50,779
	5	1	45,557
		2	51,573
		3	52,107
		4	39,220
	6	1	70,928
		2	57,028
		3	55,205
		4	32,017
	7	1	75,648
		2	54,948

		3	54,880	
		4	71,853	
	8	1	67,973	
		2	73,864	
		3	52,900	
		4	51,034	
	9	1	58,032	
		2	71,115	
		3	50,695	
		4	56,320	
	10	1	75,440	
		2	60,514	
		3	41,568	
		4	47,116	
	2	1	1	56,109
			2	38,952
3			31,766	
4			30,873	
3		1	60,326	
		2	55,310	
		3	48,208	
		4	38,035	
4	1	55,137		
	2	42,609		

	3	37,324
	4	36,319
5	1	56,277
	2	61,212
	3	40,618
	4	46,718
6	1	74,639
	2	61,187
	3	45,694
	4	24,802
7	1	72,735
	2	37,139
	3	39,792
	4	55,950
8	1	61,767
	2	42,679
	3	34,716
	4	38,173
9	1	44,412
	2	44,729
	3	41,920
	4	38,519
10	1	57,425
	2	46,882
	3	32,757

4	36,126
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		(I)	(J)	Diferencia de	Error	
tiempo	zona	Material	Material	medias (I-J)	estándar	Sig. ^b
1	1	1	3	-5,422	9,303	1,000
			4	-7,119	8,613	1,000
			5	22,066	11,120	1,000
			6	-3,305	9,584	1,000
			7	-8,025	10,431	1,000
			8	-,350	9,946	1,000
			9	9,591	8,613	1,000
			10	-7,817	8,321	1,000
	3	1		5,422	9,303	1,000
			4	-1,697	7,863	1,000
			5	27,488	10,549	,353
			6	2,116	8,916	1,000
			7	-2,603	9,821	1,000
			8	5,072	9,303	1,000
			9	15,013	7,863	1,000
			10	-2,395	7,542	1,000
	4	1		7,119	8,613	1,000
			3	1,697	7,863	1,000

	5	29,185	9,946	,133	
	6	3,814	8,193	1,000	
	7	-,906	9,170	1,000	
	8	6,769	8,613	1,000	
	9	16,710	7,033	,662	
	10	-,698	6,672	1,000	
	5	1	-22,066	11,120	1,000
	3	-27,488	10,549	,353	
	4	-29,185	9,946	,133	
	6	-25,371	10,797	,709	
	7	-30,091	11,556	,355	
	8	-22,416	11,120	1,000	
	9	-12,475	9,946	1,000	
	10	-29,883	9,694	,083	
	6	1	3,305	9,584	1,000
	3	-2,116	8,916	1,000	
	4	-3,814	8,193	1,000	
	5	25,371	10,797	,709	
	7	-4,720	10,087	1,000	
	8	2,955	9,584	1,000	
	9	12,896	8,193	1,000	
	10	-4,512	7,885	1,000	
	7	1	8,025	10,431	1,000
	3	2,603	9,821	1,000	

	4	,906	9,170	1,000
	5	30,091	11,556	,355
	6	4,720	10,087	1,000
	8	7,675	10,431	1,000
	9	17,616	9,170	1,000
	10	,208	8,896	1,000
	8 1	,350	9,946	1,000
	3	-5,072	9,303	1,000
	4	-6,769	8,613	1,000
	5	22,416	11,120	1,000
	6	-2,955	9,584	1,000
	7	-7,675	10,431	1,000
	9	9,941	8,613	1,000
	10	-7,467	8,321	1,000
	9 1	-9,591	8,613	1,000
	3	-15,013	7,863	1,000
	4	-16,710	7,033	,662
	5	12,475	9,946	1,000
	6	-12,896	8,193	1,000
	7	-17,616	9,170	1,000
	8	-9,941	8,613	1,000
	10	-17,408	6,672	,350
	10 1	7,817	8,321	1,000
	3	2,395	7,542	1,000

			4	,698	6,672	1,000
			5	29,883	9,694	,083
			6	4,512	7,885	1,000
			7	-,208	8,896	1,000
			8	7,467	8,321	1,000
			9	17,408	6,672	,350
2	1	3	-25,155*	7,041	,016	
			4	-19,786	6,519	,097
			5	-14,597	8,416	1,000
			6	-20,051	7,253	,223
			7	-17,971	7,895	,857
			8	-36,888*	7,527	,000
			9	-34,138*	6,519	,000
			10	-23,537*	6,298	,009
3	1		25,155*	7,041	,016	
			4	5,369	5,951	1,000
			5	10,558	7,984	1,000
			6	5,104	6,748	1,000
			7	7,183	7,433	1,000
			8	-11,733	7,041	1,000
			9	-8,983	5,951	1,000
			10	1,617	5,708	1,000
4	1		19,786	6,519	,097	
			3	-5,369	5,951	1,000

	5	5,189	7,527	1,000	
	6	-,265	6,201	1,000	
	7	1,814	6,940	1,000	
	8	-17,102	6,519	,336	
	9	-14,353	5,323	,272	
	10	-3,752	5,049	1,000	
	5	1	14,597	8,416	1,000
	3	-10,558	7,984	1,000	
	4	-5,189	7,527	1,000	
	6	-5,454	8,172	1,000	
	7	-3,375	8,746	1,000	
	8	-22,291	8,416	,312	
	9	-19,541	7,527	,363	
	10	-8,940	7,337	1,000	
	6	1	20,051	7,253	,223
	3	-5,104	6,748	1,000	
	4	,265	6,201	1,000	
	5	5,454	8,172	1,000	
	7	2,080	7,634	1,000	
	8	-16,837	7,253	,763	
	9	-14,087	6,201	,867	
	10	-3,486	5,968	1,000	
	7	1	17,971	7,895	,857
	3	-7,183	7,433	1,000	

	4	-1,814	6,940	1,000	
	5	3,375	8,746	1,000	
	6	-2,080	7,634	1,000	
	8	-18,916	7,895	,627	
	9	-16,167	6,940	,747	
	10	-5,566	6,733	1,000	
	8	1	36,888 [*]	7,527	,000
	3	11,733	7,041	1,000	
	4	17,102	6,519	,336	
	5	22,291	8,416	,312	
	6	16,837	7,253	,763	
	7	18,916	7,895	,627	
	9	2,750	6,519	1,000	
	10	13,351	6,298	1,000	
	9	1	34,138 [*]	6,519	,000
	3	8,983	5,951	1,000	
	4	14,353	5,323	,272	
	5	19,541	7,527	,363	
	6	14,087	6,201	,867	
	7	16,167	6,940	,747	
	8	-2,750	6,519	1,000	
	10	10,601	5,049	1,000	
	10	1	23,537 [*]	6,298	,009
	3	-1,617	5,708	1,000	

			4	3,752	5,049	1,000	
			5	8,940	7,337	1,000	
			6	3,486	5,968	1,000	
			7	5,566	6,733	1,000	
			8	-13,351	6,298	1,000	
			9	-10,601	5,049	1,000	
3	1	3	-10,890	4,968	1,000		
		4	-6,712	4,600	1,000		
		5	-18,073	5,938	,095		
		6	-21,171 ⁺	5,118	,002		
		7	-20,846 ⁺	5,570	,008		
		8	-18,866 ⁺	5,311	,017		
		9	-16,660 ⁺	4,600	,013		
		10	-7,534	4,444	1,000		
		3	1	1	10,890	4,968	1,000
				4	4,178	4,199	1,000
5	-7,182			5,633	1,000		
6	-10,280			4,761	1,000		
7	-9,956			5,244	1,000		
8	-7,975			4,968	1,000		
9	-5,770			4,199	1,000		
10	3,356			4,027	1,000		
4	1	1	6,712	4,600	1,000		
		3	-4,178	4,199	1,000		

	5	-11,360	5,311	1,000	
	6	-14,458 ⁺	4,375	,040	
	7	-14,134	4,897	,155	
	8	-12,153	4,600	,318	
	9	-9,948	3,756	,312	
	10	-,822	3,563	1,000	
	5	1	18,073	5,938	,095
	3	7,182	5,633	1,000	
	4	11,360	5,311	1,000	
	6	-3,098	5,766	1,000	
	7	-2,774	6,171	1,000	
	8	-,793	5,938	1,000	
	9	1,412	5,311	1,000	
	10	10,538	5,177	1,000	
	6	1	21,171 ⁺	5,118	,002
	3	10,280	4,761	1,000	
	4	14,458 ⁺	4,375	,040	
	5	3,098	5,766	1,000	
	7	,325	5,387	1,000	
	8	2,305	5,118	1,000	
	9	4,510	4,375	1,000	
	10	13,637	4,211	,050	
	7	1	20,846 ⁺	5,570	,008
	3	9,956	5,244	1,000	

	4	14,134	4,897	,155	
	5	2,774	6,171	1,000	
	6	-,325	5,387	1,000	
	8	1,981	5,570	1,000	
	9	4,186	4,897	1,000	
	10	13,312	4,751	,199	
	8	1	18,866 [*]	5,311	,017
	3	7,975	4,968	1,000	
	4	12,153	4,600	,318	
	5	,793	5,938	1,000	
	6	-2,305	5,118	1,000	
	7	-1,981	5,570	1,000	
	9	2,205	4,600	1,000	
	10	11,331	4,444	,413	
	9	1	16,660 [*]	4,600	,013
	3	5,770	4,199	1,000	
	4	9,948	3,756	,312	
	5	-1,412	5,311	1,000	
	6	-4,510	4,375	1,000	
	7	-4,186	4,897	1,000	
	8	-2,205	4,600	1,000	
	10	9,126	3,563	,400	
10	1	7,534	4,444	1,000	
	3	-3,356	4,027	1,000	

			4		,822	3,563	1,000
			5		-10,538	5,177	1,000
			6		-13,637	4,211	,050
			7		-13,312	4,751	,199
			8		-11,331	4,444	,413
			9		-9,126	3,563	,400
4	1	3			-8,347	5,808	1,000
		4			-19,444*	5,377	,013
		5			-7,885	6,942	1,000
		6			-,682	5,983	1,000
		7			-40,518*	6,512	,000
		8			-19,699	6,209	,062
		9			-24,985*	5,377	,000
		10			-15,781	5,195	,096
	3	1			8,347	5,808	1,000
		4			-11,097	4,909	,892
		5			,462	6,586	1,000
		6			7,665	5,566	1,000
		7			-32,171*	6,131	,000
		8			-11,353	5,808	1,000
		9			-16,639*	4,909	,030
		10			-7,435	4,708	1,000
	4	1			19,444*	5,377	,013
		3			11,097	4,909	,892

	5	11,559	6,209	1,000	
	6	18,761 ⁺	5,115	,011	
	7	-21,074 ⁺	5,724	,011	
	8	-,256	5,377	1,000	
	9	-5,542	4,390	1,000	
	10	3,662	4,165	1,000	
	5	1	7,885	6,942	1,000
	3	-,462	6,586	1,000	
	4	-11,559	6,209	1,000	
	6	7,203	6,741	1,000	
	7	-32,633 ⁺	7,214	,000	
	8	-11,814	6,942	1,000	
	9	-17,100	6,209	,230	
	10	-7,896	6,052	1,000	
	6	1	,682	5,983	1,000
	3	-7,665	5,566	1,000	
	4	-18,761 ⁺	5,115	,011	
	5	-7,203	6,741	1,000	
	7	-39,836 ⁺	6,297	,000	
	8	-19,017	5,983	,061	
	9	-24,303 ⁺	5,115	,000	
	10	-15,099	4,923	,088	
	7	1	40,518 ⁺	6,512	,000
	3	32,171 ⁺	6,131	,000	

	4	21,074 ⁺	5,724	,011	
	5	32,633 ⁺	7,214	,000	
	6	39,836 ⁺	6,297	,000	
	8	20,818	6,512	,058	
	9	15,532	5,724	,259	
	10	24,736 ⁺	5,554	,000	
	8	1	19,699	6,209	,062
	3	11,353	5,808	1,000	
	4	,256	5,377	1,000	
	5	11,814	6,942	1,000	
	6	19,017	5,983	,061	
	7	-20,818	6,512	,058	
	9	-5,286	5,377	1,000	
	10	3,918	5,195	1,000	
	9	1	24,985 ⁺	5,377	,000
	3	16,639 ⁺	4,909	,030	
	4	5,542	4,390	1,000	
	5	17,100	6,209	,230	
	6	24,303 ⁺	5,115	,000	
	7	-15,532	5,724	,259	
	8	5,286	5,377	1,000	
	10	9,204	4,165	1,000	
	10	1	15,781	5,195	,096
		3	7,435	1,000	

				4	-3,662	4,165	1,000
				5	7,896	6,052	1,000
				6	15,099	4,923	,088
				7	-24,736*	5,554	,000
				8	-3,918	5,195	1,000
				9	-9,204	4,165	1,000
2	1	1	3	4	-4,217	7,260	1,000
				5	,972	6,722	1,000
				6	-,168	8,678	1,000
				7	-18,530	7,479	,504
				8	-16,626	8,141	1,000
				9	-5,658	7,762	1,000
				10	11,697	6,722	1,000
				11	-1,316	6,494	1,000
				12	4,217	7,260	1,000
				13	5,189	6,136	1,000
				14	4,050	8,233	1,000
				15	-14,312	6,958	1,000
				16	-12,408	7,664	1,000
				17	-1,441	7,260	1,000
				18	15,915	6,136	,365
				19	2,901	5,886	1,000
				20	-,972	6,722	1,000
				21	-5,189	6,136	1,000

	5	-1,139	7,762	1,000
	6	-19,501	6,394	,093
	7	-17,597	7,156	,530
	8	-6,630	6,722	1,000
	9	10,726	5,488	1,000
	10	-2,288	5,207	1,000
5	1	,168	8,678	1,000
	3	-4,050	8,233	1,000
	4	1,139	7,762	1,000
	6	-18,362	8,426	1,000
	7	-16,458	9,018	1,000
	8	-5,491	8,678	1,000
	9	11,865	7,762	1,000
	10	-1,149	7,565	1,000
6	1	18,530	7,479	,504
	3	14,312	6,958	1,000
	4	19,501	6,394	,093
	5	18,362	8,426	1,000
	7	1,904	7,872	1,000
	8	12,871	7,479	1,000
	9	30,227*	6,394	,000
	10	17,213	6,154	,202
7	1	16,626	8,141	1,000
	3	12,408	7,664	1,000
	4	17,597	7,156	,530

	5	16,458	9,018	1,000
	6	-1,904	7,872	1,000
	8	10,967	8,141	1,000
	9	28,323*	7,156	,004
	10	15,309	6,942	1,000
8	1	5,658	7,762	1,000
	3	1,441	7,260	1,000
	4	6,630	6,722	1,000
	5	5,491	8,678	1,000
	6	-12,871	7,479	1,000
	7	-10,967	8,141	1,000
	9	17,356	6,722	,377
	10	4,342	6,494	1,000
9	1	-11,697	6,722	1,000
	3	-15,915	6,136	,365
	4	-10,726	5,488	1,000
	5	-11,865	7,762	1,000
	6	-30,227*	6,394	,000
	7	-28,323*	7,156	,004
	8	-17,356	6,722	,377
	10	-13,014	5,207	,475
10	1	1,316	6,494	1,000
	3	-2,901	5,886	1,000
	4	2,288	5,207	1,000
	5	1,149	7,565	1,000

		6	-17,213	6,154	,202
		7	-15,309	6,942	1,000
		8	-4,342	6,494	1,000
		9	13,014	5,207	,475
2	1	3	-16,357	5,921	,224
		4	-3,656	5,482	1,000
		5	-22,259	7,077	,068
		6	-22,234*	6,100	,012
		7	1,814	6,639	1,000
		8	-3,727	6,330	1,000
		9	-5,777	5,482	1,000
		10	-7,930	5,296	1,000
	3	1	16,357	5,921	,224
		4	12,701	5,004	,427
		5	-5,902	6,714	1,000
		6	-5,877	5,674	1,000
		7	18,171	6,250	,145
		8	12,630	5,921	1,000
		9	10,580	5,004	1,000
		10	8,427	4,800	1,000
4		1	3,656	5,482	1,000
		3	-12,701	5,004	,427
		5	-18,603	6,330	,131
		6	-18,578*	5,214	,016
		7	5,470	5,836	1,000

	8	- ,071	5,482	1,000
	9	-2,121	4,476	1,000
	10	-4,274	4,246	1,000
5	1	22,259	7,077	,068
	3	5,902	6,714	1,000
	4	18,603	6,330	,131
	6	,025	6,872	1,000
	7	24,073*	7,355	,045
	8	18,532	7,077	,340
	9	16,482	6,330	,355
	10	14,329	6,170	,761
6	1	22,234*	6,100	,012
	3	5,877	5,674	1,000
	4	18,578*	5,214	,016
	5	- ,025	6,872	1,000
	7	24,048*	6,420	,008
	8	18,507	6,100	,097
	9	16,457	5,214	,066
	10	14,304	5,018	,172
7	1	-1,814	6,639	1,000
	3	-18,171	6,250	,145
	4	-5,470	5,836	1,000
	5	-24,073*	7,355	,045
	6	-24,048*	6,420	,008
	8	-5,541	6,639	1,000

	9	-7,591	5,836	1,000
	10	-9,744	5,662	1,000
8	1	3,727	6,330	1,000
	3	-12,630	5,921	1,000
	4	,071	5,482	1,000
	5	-18,532	7,077	,340
	6	-18,507	6,100	,097
	7	5,541	6,639	1,000
	9	-2,050	5,482	1,000
	10	-4,203	5,296	1,000
9	1	5,777	5,482	1,000
	3	-10,580	5,004	1,000
	4	2,121	4,476	1,000
	5	-16,482	6,330	,355
	6	-16,457	5,214	,066
	7	7,591	5,836	1,000
	8	2,050	5,482	1,000
	10	-2,153	4,246	1,000
10	1	7,930	5,296	1,000
	3	-8,427	4,800	1,000
	4	4,274	4,246	1,000
	5	-14,329	6,170	,761
	6	-14,304	5,018	,172
	7	9,744	5,662	1,000
	8	4,203	5,296	1,000

		9	2,153	4,246	1,000
3	1	3	-16,442*	3,859	,001
		4	-5,558	3,573	1,000
		5	-8,852	4,612	1,000
		6	-13,927*	3,975	,020
		7	-8,026	4,327	1,000
		8	-2,950	4,125	1,000
		9	-10,153	3,573	,177
		10	-,990	3,452	1,000
3	1		16,442*	3,859	,001
		4	10,884*	3,261	,036
		5	7,589	4,376	1,000
		6	2,514	3,698	1,000
		7	8,416	4,074	1,000
		8	13,492*	3,859	,021
		9	6,288	3,261	1,000
		10	15,451*	3,128	,000
4	1		5,558	3,573	1,000
		3	-10,884*	3,261	,036
		5	-3,295	4,125	1,000
		6	-8,370	3,398	,524
		7	-2,468	3,803	1,000
		8	2,608	3,573	1,000
		9	-4,596	2,917	1,000
		10	4,567	2,767	1,000

5	1	8,852	4,612	1,000
	3	-7,589	4,376	1,000
	4	3,295	4,125	1,000
	6	-5,075	4,479	1,000
	7	,826	4,793	1,000
	8	5,903	4,612	1,000
	9	-1,301	4,125	1,000
	10	7,862	4,021	1,000
6	1	13,927*	3,975	,020
	3	-2,514	3,698	1,000
	4	8,370	3,398	,524
	5	5,075	4,479	1,000
	7	5,902	4,184	1,000
	8	10,978	3,975	,225
	9	3,774	3,398	1,000
	10	12,937*	3,271	,004
7	1	8,026	4,327	1,000
	3	-8,416	4,074	1,000
	4	2,468	3,803	1,000
	5	-,826	4,793	1,000
	6	-5,902	4,184	1,000
	8	5,076	4,327	1,000
	9	-2,128	3,803	1,000
	10	7,035	3,690	1,000
8	1	2,950	4,125	1,000

		3	-13,492*	3,859	,021
		4	-2,608	3,573	1,000
		5	-5,903	4,612	1,000
		6	-10,978	3,975	,225
		7	-5,076	4,327	1,000
		9	-7,204	3,573	1,000
		10	1,959	3,452	1,000
9		1	10,153	3,573	,177
		3	-6,288	3,261	1,000
		4	4,596	2,917	1,000
		5	1,301	4,125	1,000
		6	-3,774	3,398	1,000
		7	2,128	3,803	1,000
		8	7,204	3,573	1,000
		10	9,163*	2,767	,039
10		1	,990	3,452	1,000
		3	-15,451*	3,128	,000
		4	-4,567	2,767	1,000
		5	-7,862	4,021	1,000
		6	-12,937*	3,271	,004
		7	-7,035	3,690	1,000
		8	-1,959	3,452	1,000
		9	-9,163*	2,767	,039
4	1	3	-7,162	4,771	1,000
		4	-5,446	4,417	1,000

	5	-15,845	5,702	,214
	6	6,071	4,915	1,000
	7	-25,077*	5,349	,000
	8	-7,300	5,100	1,000
	9	-7,645	4,417	1,000
	10	-5,253	4,267	1,000
3	1	7,162	4,771	1,000
	4	1,716	4,032	1,000
	5	-8,683	5,410	1,000
	6	13,233	4,572	,151
	7	-17,915*	5,036	,017
	8	-,138	4,771	1,000
	9	-,483	4,032	1,000
	10	1,909	3,867	1,000
4	1	5,446	4,417	1,000
	3	-1,716	4,032	1,000
	5	-10,399	5,100	1,000
	6	11,517	4,201	,239
	7	-19,631*	4,702	,002
	8	-1,854	4,417	1,000
	9	-2,199	3,606	1,000
	10	,193	3,421	1,000
5	1	15,845	5,702	,214
	3	8,683	5,410	1,000
	4	10,399	5,100	1,000

	6	21,916*	5,537	,004
	7	-9,232	5,926	1,000
	8	8,545	5,702	1,000
	9	8,200	5,100	1,000
	10	10,592	4,971	1,000
6	1	-6,071	4,915	1,000
	3	-13,233	4,572	,151
	4	-11,517	4,201	,239
	5	-21,916*	5,537	,004
	7	-31,148*	5,173	,000
	8	-13,371	4,915	,254
	9	-13,716*	4,201	,046
	10	-11,324	4,044	,200
7	1	25,077*	5,349	,000
	3	17,915*	5,036	,017
	4	19,631*	4,702	,002
	5	9,232	5,926	1,000
	6	31,148*	5,173	,000
	8	17,777*	5,349	,038
	9	17,431*	4,702	,010
	10	19,824*	4,562	,001
8	1	7,300	5,100	1,000
	3	,138	4,771	1,000
	4	1,854	4,417	1,000
	5	-8,545	5,702	1,000

	6	13,371	4,915	,254
	7	-17,777*	5,349	,038
	9	-,345	4,417	1,000
	10	2,047	4,267	1,000
9	1	7,645	4,417	1,000
	3	,483	4,032	1,000
	4	2,199	3,606	1,000
	5	-8,200	5,100	1,000
	6	13,716*	4,201	,046
	7	-17,431*	4,702	,010
	8	,345	4,417	1,000
	10	2,392	3,421	1,000
10	1	5,253	4,267	1,000
	3	-1,909	3,867	1,000
	4	-,193	3,421	1,000
	5	-10,592	4,971	1,000
	6	11,324	4,044	,200
	7	-19,824*	4,562	,001
	8	-2,047	4,267	1,000
	9	-2,392	3,421	1,000