

## Apéndice E. Análisis estadístico de la actividad enzimática de la polifenoloxidasas de jugo de manzana pH 3.59 tratados a 60 y 80°C.

### Tratamiento a 80 °C: UAE/ml versus Tiempo

Factor	Type	Levels	Values
Tiempo	fixed	3	0 1 5

Analysis of Variance for UAE/ml, using Adjusted SS for Tests

Source	DF	Seq SS	Adj SS	Adj MS	F	P
Tiempo	2	228795	228795	114397	584.14	0.000
Error	3	588	588	196		
Total	5	229382				

Tukey 95.0% Simultaneous Confidence Intervals  
Response Variable UAE/ml  
All Pairwise Comparisons among Levels of Tiempo

Tiempo = 0 subtracted from:

Level Tiempo	Difference of Means	SE of Difference	T-Value	Adjusted P-Value
1	-372.0	13.99	-26.58	0.0002
5	-446.4	13.99	-31.90	0.0001

Tiempo = 1 subtracted from:

Level Tiempo	Difference of Means	SE of Difference	T-Value	Adjusted P-Value
5	-74.40	13.99	-5.316	0.0263

### Tratamiento a 60 °C: UAE/ml versus Tiempo

Factor	Type	Levels	Values
Timempo.	fixed	5	0 1 2 5 15

Analysis of Variance for Act.Enzi, using Adjusted SS for Tests

Source	DF	Seq SS	Adj SS	Adj MS	F	P
Timempo.	4	277140	277140	69285	11.63	0.003
Error	7	41712	41712	5959		
Total	11	318852				

Tukey 95.0% Simultaneous Confidence Intervals  
Response Variable Act.Enzi  
All Pairwise Comparisons among Levels of Timempo.

Timempo. = 0 subtracted from:

Level Timempo.	Difference of Means	SE of Difference	T-Value	Adjusted P-Value
1	-20.0	63.03	-0.317	0.9973
2	-60.0	70.47	-0.851	0.9058

5	-330.0	70.47	-4.683	0.0135
15	-354.0	70.47	-5.024	0.0093

Timempo. = 1 subtracted from:

Level	Difference	SE of		Adjusted
Timempo.	of Means	Difference	T-Value	P-Value
2	-40.0	70.47	-0.568	0.9759
5	-310.0	70.47	-4.399	0.0187
15	-334.0	70.47	-4.740	0.0127

Timempo. = 2 subtracted from:

Level	Difference	SE of		Adjusted
Timempo.	of Means	Difference	T-Value	P-Value
5	-270.0	77.19	-3.498	0.0553
15	-294.0	77.19	-3.809	0.0377

Timempo. = 5 subtracted from:

Level	Difference	SE of		Adjusted
Timempo.	of Means	Difference	T-Value	P-Value
15	-24.00	77.19	-0.3109	0.9975