

The SAS System

4

The GLM Procedure

Dunnett's t Tests for SI

NOTE: This test controls the Type I experimentwise error for comparisons of all treatments against a control.

Alpha	0.05
Error Degrees of Freedom	18
Error Mean Square	0.760117
Critical Value of Dunnett's t	2.97745
Minimum Significant Difference	2.1195

Comparisons significant at the 0.05 level are indicated by ***.

Treatment Comparison	Difference Between Means	Simultaneous 95% Confidence Limits	
4 - 0	7.9000	5.7805	10.0195 ***
8 - 0	7.0267	4.9071	9.1462 ***
9 - 0	6.1400	4.0205	8.2595 ***
6 - 0	5.4933	3.3738	7.6129 ***
7 - 0	4.5467	2.4271	6.6662 ***
2 - 0	2.8067	0.6871	4.9262 ***
3 - 0	2.1000	-0.0195	4.2195
1 - 0	1.2333	-0.8862	3.3529
5 - 0	0.5200	-1.5995	2.6395

The SAS System

3

The GLM Procedure

Least Squares Means

Adjustment for Multiple Comparisons: Dunnett

Treatment	SI LSMEAN	H0:LSMean=Control t Value	Pr > t
0	9.6200000		
1	10.8533333	1.73	0.4385
2	12.4266667	3.94	0.0067
3	11.7200000	2.95	0.0528
4	17.5200000	11.10	<.0001
5	10.1400000	0.73	0.9803
6	15.1133333	7.72	<.0001
7	14.1666667	6.39	<.0001
8	16.6466667	9.87	<.0001
9	15.7600000	8.63	<.0001