LIST OF TABLES

TABLE		PAGE
1	Parameter and Number of Parameters for Multiple Comparisons	10
2	Test for Multiple Comparisons	12
3	Multiple Comparisons with a Control	13
4	Number of Rejected or Not Rejected	15
5	Formulas for Adjusted P-value at i^{th} Hypothesis	22
6	Example of Bonferroni Adjusted P-values	23
7	Example of Šidák Adjusted P-values	24
8	Example of min P Adjusted P-values	24
9	Example of max T Adjusted P-values	25
10	Algorithm of Bonferroni – Holm Adjusted P-values	26
11	Algorithm of Šidák – Holm Adjusted P-values	26
12	Algorithm of Simes Modified Bonferroni Adjusted P-values	27
13	Algorithm of Step-down min P Adjusted P-values	28
14	Algorithm of Step-down max T Adjusted P-values	28
15	Algorithm of Hochberg's Method	29
16	Algorithm of Rom's Method	30
17	The Sample Data	40
18	ANOVA Table	41
19	Resampling the Sample Data for the 1^{st} Repetition	43
20.	Resampling the Sample Data for the 2^{nd} Repetition	44
21	Resampling the Sample Data for the 3^{rd} Repetition	45
22	Adjusted P-values by Step-down Independent Bootstrap min P	46
23	Two Copies the Sample Data	48
24	Data without Replacement 2 Copies the Sample Data	48
25	Example of Simes Inequality	49
26	Empirical Power of the test of All procedures when $r = 3$ and $B = 10$	52

27	Empirical Power of the test of All procedures when $\mu_0 = 50$ and $B = 10$	52
28	Empirical Type I Error Rates of All Procedures	64
29	Empirical Power of the Test Classified by the Number of Bootstrap Resamples	66
30	Empirical Power of the Test Classified by the Sample Size	69
31	Empirical Type I Error Rates and Empirical Power of the Test of All Procedures	77
32	Dunnett's *t* at 5% Level of Two-tail Comparisons Between Several Treatments and a Control	80
33	R Code Program for Each Condition	91