附錄 F
『數位控制技術能力發展 』各項技術能力項目之 SPSS 統計分析

----- ONEWAY2-----

Variable A1
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	1.5003	.7502	.9144	.4014
Within Groups	503	412.6499	.8204		
Total	505	414.1502			

----- ONEWAY -----

Variable A1
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6405 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable A2
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	9.6616	4.8308	6.7107	.0013
Within Groups	503	362.0934	.7199		
Total	505	371.7549			

----- ONEWAY -----

Variable A2
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .5999 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

		G G G r r r p p p
		1 3 2
Mean	GROUP	
3.3611	Grp 1	
3.6667	Grp 3	
4.0000	Grp 2	*

----- ONEWAY -----

Variable A3
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	5.9744	2.9872	3.9530	.0198
Within Groups	503	380.1046	.7557		
Total	505	386.0791			

----- ONEWAY -----

Variable A3
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if

MEAN(J)-MEAN(I) >= .6147 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 1 3 2
3.3523	Grp 1	
3.6667	Grp 3	
3.7895	Grp 2	*

----- ONEWAY -----

Variable A4
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	2.5771	1.2886	1.7128	.1814
Within Groups	502	377.6684	.7523		
Total	504	380.2455			

----- ONEWAY -----

Variable A4
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6133 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable B1
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	6.9365	3.4683	4.6193	.0103
Within Groups	503	377.6643	.7508		
Total	505	384.6008			

----- ONEWAY -----

Variable B1
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6127 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 1 3 2
3.4070	Grp 1	
3.5667	Grp 3	
4.0000	Grp 2	*

----- ONEWAY -----

Variable B2
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.

Between Groups	2	10.0310	5.0155	6.0887	.0024
Within Groups	503	414.3426	.8237		
Total	505	424.3735			

----- ONEWAY -----

Variable B2
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6418 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

		G G G r r r p p p
		1 3 2
Mean	GROUP	
3.4398	Grp 1	
3.8000	Grp 3	*
4.0526	Grp 2	*

----- ONEWAY -----

Variable B3
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	3.8030	1.9015	2.2946	.1019
Within Groups	501	415.1791	.8287		
Total	503	418.9821			

----- ONEWAY -----

Variable B3

By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6437 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 1 3 2
3.3092	Grp 1	
3.3333	Grp 3	
3.7778	Grp 2	*

----- ONEWAY -----

Variable B4
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	3.6683	1.8342	2.1279	.1202
Within Groups	502	432.7000	.8620		
Total	504	436.3683			

----- ONEWAY -----

Variable B4
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6565 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable C1
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	6.5023	3.2511	4.6027	.0105
Within Groups	502	354.5947	.7064		
Total	504	361.0970			

----- ONEWAY -----

Variable C1
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .5943 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 1 3 2
3.3026	Grp 1	
3.6000	Grp 3	
3.7895	Grp 2	*

----- ONEWAY -----

Variable C2
By Variable GROUP

Analysis of Variance

	Sum of	Mean	F	F

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	8.5145	4.2573	5.3121	.0052
Within Groups	500	400.7141	.8014		
Total	502	409.2286			

----- ONEWAY -----

Variable C2
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6330 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 1 2 3
3.2313	Grp 1	
3.4211	Grp 2	
3.7667	Grp 3	*

----- ONEWAY -----

Variable C3
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	1.9136	.9568	1.2347	.2918
Within Groups	500	387.4463	.7749		
Total	502	389.3598			

----- ONEWAY -----

Variable C3
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6225 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable C4
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	4.7089	2.3544	2.4631	.0862
Within Groups	500	477.9432	.9559		
Total	502	482.6521			

----- ONEWAY -----

Variable C4
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6913 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 1 3 2
3.4251	Grp 1	

3.6000 Grp 3
3.8947 Grp 2 *

----- ONEWAY -----

Variable D1
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	7.2620	3.6310	2.1673	.1156
Within Groups	500	837.6923	1.6754		
Total	502	844.9543			

----- ONEWAY -----

Variable D1
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .9153 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable D2
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	2.2998	1.1499	1.4463	.2364
Within Groups	499	396.7520	.7951		
Total	501	399.0518			

----- ONEWAY -----

Variable D2
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6305 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable D3
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	.9192	.4596	.5118	.5997
Within Groups	500	448.9695	.8979		
Total	502	449.8887			

----- ONEWAY -----

Variable D3
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6701 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable D4

By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	1.1511	.5755	.6747	.5097
Within Groups	500	426.4752	.8530		
Total	502	427.6262			

----- ONEWAY -----

Variable D4
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6531 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable D5
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	2.3432	1.1716	1.2747	.2804
Within Groups	498	457.7167	.9191		
Total	500	460.0599			

----- ONEWAY -----

Variable D5
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6779 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable E1
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	5.8458	2.9229	3.7100	.0252
Within Groups	501	394.7078	.7878		
Total	503	400.5536			

----- ONEWAY -----

Variable E1
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6276 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

		G G G
		r r r
		p p p
		1 3 2
Mean	GROUP	
3.3363	Grp 1	
3.4333	Grp 3	
3.8947	Grp 2	*

----- ONEWAY -----

Variable E2
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	5.6908	2.8454	3.2980	.0378
Within Groups	500	431.3788	.8628		
Total	502	437.0696			

----- ONEWAY -----

Variable E2
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6568 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 1 3 2
3.5088	Grp 1	
3.6333	Grp 3	
4.0526	Grp 2	*

----- ONEWAY -----

Variable E3
By Variable GROUP

Analysis of Variance

	Sum of	Mean	F	F

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	3.0514	1.5257	1.8158	.1638
Within Groups	501	420.9466	.8402		
Total	503	423.9980			

----- ONEWAY -----

Variable E3
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6482 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable E4
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	1.1363	.5682	.6704	.5120
Within Groups	501	424.6236	.8476		
Total	503	425.7599			

----- ONEWAY -----

Variable E4
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6510 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable E5
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	7.7231	3.8615	4.7858	.0087
Within Groups	501	404.2452	.8069		
Total	503	411.9683			

----- ONEWAY -----

Variable E5
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6352 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 1 3 2
3.3978	Grp 1	
3.7000	Grp 3	
3.9474	Grp 2	*

----- ONEWAY -----

Variable E6
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	4.1614	2.0807	2.4636	.0862
Within Groups	501	423.1224	.8446		
Total	503	427.2837			

----- ONEWAY -----

Variable E6
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6498 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable E7
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	6.4539	3.2269	3.9141	.0206
Within Groups	500	412.2260	.8245		
Total	502	418.6799			

----- ONEWAY -----

Variable E7
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6420 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 1 3 2
3.3634	Grp 1	
3.6667	Grp 3	
3.8421	Grp 2	*

----- ONEWAY -----

Variable E8
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	8.4384	4.2192	5.1570	.0061
Within Groups	501	409.8930	.8181		
Total	503	418.3313			

----- ONEWAY -----

Variable E8
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6396 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 1 3 2

3.4000	Grp 1	
3.8333	Grp 3	*
3.8421	Grp 2	*

----- ONEWAY -----

Variable E9
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	1.9970	.9985	1.2507	.2872
Within Groups	501	399.9712	.7983		
Total	503	401.9683			

----- ONEWAY -----

Variable E9
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6318 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78
- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable E10
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	4.6166	2.3083	2.7337	.0660
Within Groups	498	420.5012	.8444		
Total	500	425.1178			

----- ONEWAY -----

Variable E10
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6498 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable E11
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	3.2911	1.6455	1.8723	.1549
Within Groups	488	428.9045	.8789		
Total	490	432.1955			

----- ONEWAY -----

Variable E11
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6629 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable E12
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	1.4906	.7453	.7833	.4575
Within Groups	486	462.4399	.9515		
Total	488	463.9305			

----- ONEWAY -----

Variable E12
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6898 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable F1
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	.9682	.4841	.0849	.9186
Within Groups	498	2839.5708	5.7019		
Total	500	2840.5389			

----- ONEWAY -----

Variable F1
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= 1.6885 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable F2
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	.2062	.1031	.1332	.8753
Within Groups	498	385.4944	.7741		
Total	500	385.7006			

----- ONEWAY -----

Variable F2
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6221 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable F3
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.

Between Groups	2	.6280	.3140	.3549	.7015
Within Groups	498	440.6893	.8849		
Total	500	441.3174			

----- ONEWAY -----

Variable F3
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6652 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable G1
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	3.2842	1.6421	1.7192	.1803
Within Groups	499	476.6142	.9551		
Total	501	479.8984			

----- ONEWAY -----

Variable G1
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6911 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable G2
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	2.4708	1.2354	1.2822	.2783
Within Groups	498	479.8047	.9635		
Total	500	482.2754			

----- ONEWAY -----

Variable G2
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6941 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable G3
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	3.5626	1.7813	2.0104	.1350
Within Groups	490	434.1575	.8860		
Total	492	437.7201			

----- ONEWAY -----

Variable G3
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6656 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

		G G G r r r p p p 3 1 2
Mean	GROUP	
3.1333	Grp 3	
3.3198	Grp 1	
3.6842	Grp 2	*

----- ONEWAY -----

Variable H1
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	.2167	.1084	.0424	.9585
Within Groups	499	1274.3749	2.5539		
Total	501	1274.5916			

----- ONEWAY -----

Variable H1
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= 1.1300 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable H2
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	.1180	.0590	.0748	.9279
Within Groups	496	390.9522	.7882		
Total	498	391.0701			

----- ONEWAY -----

Variable H2
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6278 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable I1
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	2.0349	1.0174	1.1418	.3201
Within Groups	499	444.6683	.8911		
Total	501	446.7032			

----- ONEWAY -----

Variable I1
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6675 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable I2
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	.2190	.1095	.1381	.8710
Within Groups	500	396.4330	.7929		
Total	502	396.6521			

----- ONEWAY -----

Variable I2
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6296 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable I3
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	.7882	.3941	.5070	.6026
Within Groups	500	388.6512	.7773		
Total	502	389.4394			

----- ONEWAY -----

Variable I3
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6234 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable I4
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	4.4342	2.2171	2.6156	.0741
Within Groups	500	423.8124	.8476		
Total	502	428.2465			

----- ONEWAY -----

Variable I4
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6510 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 2 3 1
3.1579	Grp 2	
3.3667	Grp 3	
3.5837	Grp 1	*

----- ONEWAY -----

Variable I5
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	1.1510	.5755	.6328	.5315
Within Groups	498	452.9089	.9095		
Total	500	454.0599			

----- ONEWAY -----

Variable I5
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6743 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable J1
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	3.2262	1.6131	1.7053	.1828
Within Groups	500	472.9528	.9459		
Total	502	476.1789			

----- ONEWAY -----

Variable J1
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .6877 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78
- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable J2
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	4.7180	2.3590	2.4245	.0896
Within Groups	496	482.6087	.9730		
Total	498	487.3267			

----- ONEWAY -----

Variable J2
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if

MEAN(J)-MEAN(I) >= .6975 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level

----- ONEWAY -----

Variable K1
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	4.5115	2.2558	2.2363	.1079
Within Groups	500	504.3513	1.0087		
Total	502	508.8628			

----- ONEWAY -----

Variable K1
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .7102 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

(*) Indicates significant differences which are shown in the lower triangle

Mean	GROUP	G G G r r r p p p 3 1 2
3.1333	Grp 3	
3.2885	Grp 1	
3.7368	Grp 2	*

----- ONEWAY -----

Variable K2
By Variable GROUP

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	2	3.6358	1.8179	1.7114	.1817
Within Groups	500	531.1037	1.0622		
Total	502	534.7396			

----- ONEWAY -----

Variable K2
By Variable GROUP

Multiple Range Tests: LSD test with significance level .05

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .7288 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 2.78

- No two groups are significantly different at the .050 level