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จุฬาลงกรณ์มหาวิทยาลัย



Appendices

ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย



Appendix A

Data of testing properties

ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

Table A The parameters for preparation of coconut wood poly(ST-MMA) composites

Statistical code	WPC	Wood density	ST/MMA (%)	MEKP (%)	Evacuating time (hrs.)	Soaking time (hrs.)	Curing temp. (°c)	Cross-linker (%)	Evacuating pressure (mmHg)
-	A1	Low	100/0	1.0	0.25	0.5	70	0	500
-	A2	Low	100/0	1.0	0.5	0.5	70	0	500
-	A3	Low	100/0	1.0	1.0	0.5	70	0	500
-	B1	Medium	100/0	1.0	0.5	0.5	70	0	500
-	B2	Medium	100/0	1.0	1.0	0.5	70	0	500
-	B3	Medium	100/0	1.0	2.0	0.5	70	0	500
-	C1	High	100/0	1.0	1.0	0.5	70	0	500
-	C2	High	100/0	1.0	2.0	0.5	70	0	500
-	C3	High	100/0	1.0	3.0	0.5	70	0	500
11110	A4	Low	100/0	1.0	0.5	1.0	70	0	500
-	A5	Low	100/0	1.0	0.5	4.0	70	0	500
-	B4	Medium	100/0	1.0	2.0	1.0	70	0	500
21110	B5	Medium	100/0	1.0	2.0	4.0	70	0	500
-	C4	High	100/0	1.0	2.0	1.0	70	0	500
31110	C5	High	100/0	1.0	2.0	4.0	70	0	500
12110	A6	Low	100/0	2.0	0.5	1.0	70	0	500
13110	A7	Low	100/0	3.0	0.5	1.0	70	0	500
14110	A8	Low	100/0	4.0	0.5	1.0	70	0	500
22110	B6	Medium	100/0	2.0	2.0	4.0	70	0	500

Table A (Continue)

Statistical code	WPC	Wood density	ST/MMA (%)	MEKP (%)	Evacuating time (hrs.)	Soaking time (hrs.)	Curing temp. (°c)	Cross-linker (%)	Evacuating pressure (mmHg)
23110	B7	Medium	100/0	3.0	2.0	4.0	70	0	500
24110	B8	Medium	100/0	4.0	2.0	4.0	70	0	500
12210	A9	Low	100/0	2.0	0.5	1.0	90	0	500
22210	B9	Medium	100/0	2.0	2.0	4.0	90	0	500
12120	A10	Low	70/30	2.0	0.5	1.0	70	0	500
12130	A11	Low	50/50	2.0	0.5	1.0	70	0	500
12140	A12	Low	30/70	2.0	0.5	1.0	70	0	500
12150	A13	Low	0/100	2.0	0.5	1.0	70	0	500
22120	B10	Medium	70/30	2.0	2.0	4.0	70	0	500
22130	B11	Medium	50/50	2.0	2.0	4.0	70	0	500
22140	B12	Medium	30/70	2.0	2.0	4.0	70	0	500
22150	B13	Medium	0/100	2.0	2.0	4.0	70	0	500
12131	A14	Low	50/50	2.0	0.5	1.0	70	1	500
12134	A15	Low	50/50	2.0	0.5	1.0	70	4	500

Table B Testing properties of low density of natural coconut wood (statistical code = 10000)

Sample/piece (unit)	Physical properties			Mechanical properties			Termite test
	Density (g/cm ³)	WA (%)	S (%)	Flexure stress (MPa)	MoE (MPa)	Compression (MPa)	Weight loss (%)
1/1	0.33	175.00	10.08	38.1	2682	14.70	9.14
1/2	0.35	178.63	10.31	34.5	3180	16.30	11.43
1/3	0.38	172.59	10.12	35.6	2217	21.60	10.96
1/4	0.33	180.75	9.87	28.9	2738	17.30	10.46
1/5	0.35	170.61	10.25	40.7	2890	20.40	10.20
Average	0.35	175.52	10.13	35.5	2741	18.06	10.44
2/1	0.31	168.02	9.62	25.3	2850	17.60	9.33
2/2	0.31	174.88	10.33	35.2	2445	16.80	10.71
2/3	0.37	177.11	9.95	30.6	2380	18.00	9.09
2/4	0.31	179.56	10.56	32.5	2753	16.40	10.95
2/5	0.32	172.78	9.83	28.5	2240	18.00	10.32
Average	0.33	174.47	10.06	30.4	2533	17.36	10.08
Average	0.34	174.99	10.09	32.99	2637.50	17.71	10.26
S.D.	0.02	4.09	0.28	4.73	310.35	2.01	0.77

Table C Testing properties of medium density of natural coconut wood (statistical code = 20000)

Sample/piece (unit)	Physical properties			Mechanical properties			Termite test
	Density (g/cm ³)	WA (%)	S (%)	Flexure stress (MPa)	MoE (MPa)	Compression (MPa)	Weight loss (%)
1/1	0.59	100.33	9.13	72.3	5068	29.00	8.89
1/2	0.48	120.12	9.68	77.4	4644	27.40	7.69
1/3	0.49	117.82	6.46	85.8	4652	26.20	7.22
1/4	0.46	99.84	10.07	66.8	4037	29.40	8.57
1/5	0.47	105.60	9.17	68.7	4601	29.50	7.63
Average	0.48	108.74	9.50	74.2	4600	28.30	8.00
2/1	0.52	111.02	9.74	61.2	4294	27.00	8.23
2/2	0.51	110.56	9.49	65.3	4199	26.80	9.58
2/3	0.48	117.16	9.93	74.1	4302	25.40	8.27
2/4	0.46	113.07	10.10	66.0	4256	24.20	6.50
2/5	0.48	107.65	9.60	63.5	4389	25.40	7.80
Average	0.49	111.89	9.77	66.0	4288	25.75	8.16
Average	0.49	110.32	9.34	70.11	4144.2	27.03	8.00
S.D.	0.03	7.04	1.06	7.42	757.28	1.82	0.74

Table D Testing properties of high density of natural coconut wood (statistical code = 90000)

Sample/piece (unit)	Physical properties			Mechanical properties		
	Density (g/cm ³)	WA (%)	S (%)	Flexure stress (MPa)	MoE (MPa)	Compression (MPa)
1/1	0.86	40.94	6.55	120.6	10522	54.80
1/2	0.84	38.68	6.36	117.7	9456	56.20
1/3	0.87	47.30	5.85	102.4	10149	53.60
1/4	0.83	45.82	6.69	106.4	10727	52.30
1/5	0.85	36.80	6.08	108.2	10843	50.40
Average	0.85	41.91	6.31	111.1	10339.4	53.46
2/1	0.88	42.27	5.94	105.0	10534	51.60
2/2	0.81	45.16	6.17	108.9	9644	58.70
2/3	0.83	48.09	6.03	100.3	10115	59.10
2/4	0.87	40.44	6.20	107.9	10302	60.00
2/5	0.84	45.05	5.86	115.2	10248	56.80
Average	0.85	44.20	6.04	107.3	10168.6	57.24
Average	0.85	43.06	6.17	109.26	10254.0	55.35
S.D.	0.02	3.80	0.29	6.60	442.53	3.18

Table E Properties of low, medium and high density coconut wood polystyrene composites A1-A3, B1-B3, C1-C3

Sample/piece (unit)	A1		A2		A3		B1		B2		B3		C1		C2		C3	
	PL(%)	D (g/cm ³)	PL(%)	D (g/cm ³)	PL(%)	D (g/cm ³)	PL(%)	D (g/cm ³)	PL(%)	D (g/cm ³)	PL(%)	D (g/cm ³)	PL(%)	D (g/cm ³)	PL(%)	D (g/cm ³)	PL(%)	D (g/cm ³)
1/1	69.18	0.59	90.10	0.65	92.94	0.69	32.81	0.67	36.74	0.67	46.28	0.70	6.35	0.90	9.20	0.95	9.16	0.95
1/2	63.26	0.62	84.35	0.62	85.67	0.67	38.62	0.69	38.20	0.69	48.52	0.74	7.69	0.52	8.82	0.97	10.74	0.96
1/3	74.78	0.60	90.67	0.67	90.02	0.66	40.75	0.64	43.56	0.66	47.37	0.74	6.28	0.94	7.43	0.98	10.56	0.97
1/4	70.34	0.69	85.42	0.66	84.80	0.70	42.03	0.65	39.12	0.68	44.54	0.76	8.37	0.95	10.89	0.96	9.55	0.95
1/5	65.57	0.61	87.28	0.64	87.58	0.65	34.39	0.64	42.80	0.65	46.47	0.72	8.03	0.95	10.06	0.96	11.18	0.96
Average	68.63	0.61	87.57	0.65	88.20	0.67	37.72	0.66	40.08	0.67	46.64	0.73	7.34	0.93	9.28	0.96	10.23	0.96
2/1	77.89	0.63	88.54	0.67	90.23	0.63	34.04	0.65	39.44	0.68	47.70	0.69	8.45	0.95	10.51	0.98	10.45	0.95
2/2	79.30	0.60	92.30	0.69	88.28	0.65	33.17	0.66	41.82	0.70	48.99	0.72	7.94	0.94	10.65	0.95	10.79	0.96
2/3	75.62	0.61	89.72	0.70	91.74	0.67	32.25	0.66	43.28	0.71	50.07	0.70	7.90	0.96	11.66	0.96	11.14	0.96
2/4	70.20	0.60	86.35	0.63	93.67	0.68	35.76	0.67	40.23	0.69	48.27	0.68	8.30	0.96	11.56	0.97	9.97	0.98
2/5	76.64	0.62	95.84	0.64	94.98	0.64	40.38	0.65	45.13	0.68	47.27	0.69	7.77	0.95	11.02	0.96	9.00	0.95
Average	75.93	0.61	90.15	0.67	91.76	0.5	35.12	0.66	41.98	0.69	48.46	0.70	7.92	0.95	11.08	0.96	10.27	0.96
Average	72.23	0.61	88.86	0.66	89.98	0.66	36.42	0.66	41.03	0.68	47.55	0.72	7.63	0.94	10.18	0.96	10.25	0.96
S.D.	5.08	0.61	2.78	0.69	3.24	0.69	3.49	0.66	2.58	0.04	1.45	0.0	0.78	0.06	1.27	0.09	0.72	0.01

Table F Properties of low, medium and high density coconut wood polystyrene composites A4-A5, B4-B5 , C4-C5

Sample/piece (unit)	A4		A5		B4		B5		C4		C5	
	PL(%)	D(g/cm ³)	PL(%)	D(g/cm ³)	PL(%)	D(g/cm ³)	PL(%)	D(g/cm ³)	PL(%)	D(g/cm ³)	PL(%)	D(g/cm ³)
1/1	90.21	0.70	95.62	0.68	53.50	0.74	64.09	0.80	12.49	0.98	14.42	0.98
1/2	96.28	0.68	99.21	0.69	50.88	0.76	62.96	0.82	13.51	0.99	16.06	0.99
1/3	100.17	0.71	100.77	0.71	57.35	0.77	66.20	0.82	14.06	0.97	15.93	0.98
1/4	95.05	0.65	96.72	0.66	54.71	0.75	64.50	0.80	12.93	0.99	16.90	0.99
1/5	93.78	0.69	102.31	0.67	57.29	0.77	63.18	0.83	13.48	0.99	15.30	0.99
Average	95.10	0.69	98.93	0.68	54.75	0.76	64.19	0.81	13.29	0.98	15.72	0.99
2/1	101.38	0.71	98.50	0.69	56.73	0.73	65.92	0.78	14.10	0.97	18.29	0.97
2/2	99.49	0.69	97.78	0.71	59.70	0.75	63.54	0.80	13.91	0.99	16.56	0.98
2/3	97.21	0.66	101.67	0.69	50.09	0.74	64.55	0.80	11.84	0.98	18.41	0.99
2/4	103.03	0.67	99.85	0.70	57.925	0.77	62.29	0.78	12.86	0.99	17.32	0.98
2/5	98.39	0.70	103.78	0.69	53.31	0.74	61.15	0.78	11.04	0.99	20.34	0.99
Average	99.90	0.69	100.31	0.70	55.55	0.74	63.49	0.79	12.75	0.98	18.18	0.98
Average	97.50	0.69	99.62	0.69	55.15	0.75	63.84	0.80	13.02	0.98	16.95	0.99
S.D.	3.61	0.0	2.35	0.0	2.97	0.06	1.39	0.07	0.98	0.09	1.64	0.0

Table F1 Testing properties of low, medium and high density coconut wood polystyrene A4, B5, C5

Sample/piece (unit)	A4					B5					C5				
	PL (%)	D (g/cm ³)	Flexure stress (MPa)	MOE (MPa)	Comp (MPa)	PL (%)	D (g/cm ³)	Flexure stress (MPa)	MOE (MPa)	Comp. (MPa)	PL (%)	D (g/cm ³)	Flexure stress (MPa)	MOE (MPa)	Comp. (MPa)
1/1	122.78	0.83	58.4	4594	20.40	64.09	0.80	86.6	5620	40.10	14.59	0.97	112.7	10120	57.50
1/2	136.02	0.88	60.7	4367	21.10	68.91	0.79	84.3	5842	42.30	17.98	0.98	116.9	9978	56.30
1/3	140.17	0.82	57.2	4723	23.00	66.42	0.84	80.1	5546	45.70	14.34	0.86	115.4	10034	54.80
1/4	128.24	0.80	65.8	4954	21.70	70.73	0.78	85.2	5634	44.40	17.71	0.98	114.2	10570	52.50
1/5	120.30	0.78	62.2	4400	20.90	66.34	0.80	80.4	5970	46.20	15.20	0.99	110.2	10403	56.10
Average	129.50	0.82	60.86	4607	21.42	67.30	0.80	83.32	5722	43.74	15.96	0.98	113.88	10221	55.44
2/1	132.02	0.81	66.2	4829	22.60	63.80	0.81	81.7	5784	41.90	16.92	0.97	112.1	10690	54.70
2/2	138.29	0.85	59.4	4668	23.80	69.26	0.80	82.8	6010	43.60	16.14	0.99	112.4	10674	55.30
2/3	133.81	0.76	62.9	4580	23.40	70.27	0.80	84.1	5804	43.30	14.73	0.98	116.8	10482	53.20
2/4	127.50	0.83	58.7	4416	22.20	66.65	0.83	83.0	5578	44.20	13.02	0.97	113.5	10537	56.80
2/5	140.57	0.85	60.5	4762	20.30	64.02	0.82	83.8	5404	40.70	15.39	0.99	112.8	10062	55.80
Average	134.46	0.82	61.54	4651	22.46	66.80	0.84	83.08	5716	42.74	15.24	0.98	113.52	10489	55.18
Average	131.98	0.82	61.20	4629	21.94	67.05	0.81	83.20	5719.2	43.24	15.60	0.98	113.70	10355	55.30
S.D.	7.11	0.04	3.06	195.43	1.25	2.62	0.02	2.05	194.46	2.01	1.57	0.01	2.14	278.49	1.56

Table G Testing properties of low density coconut wood polystyrene composites A6-A8

Sample/piece (unit)	A6							A7					A8				
	PL(%)	D (g/cm ³)	WA (%)	S (%)	Flexure Stress (MPa)	MOE (MPa)	Comp. (MPa)	PL(%)	D (g/cm ³)	Flexure Stress (MPa)	MOE (MPa)	Comp. (MPa)	PL(%)	D (g/cm ³)	Flexure Stress (MPa)	MoE (MPa)	Comp. (MPa)
1/1	120.30	0.78	64.16	5.06	65.0	4893	23.40	107.35	0.77	48.7	4084	24.00	102.15	0.67	56.9	3940	24.80
1/2	155.28	0.90	66.50	5.74	68.3	4280	25.80	173.29	0.88	51.9	3976	24.80	118.67	0.84	54.5	4513	25.20
1/3	153.23	0.92	60.81	5.10	63.6	4950	24.00	154.80	0.86	59.0	3845	24.60	115.45	0.77	66.5	4245	25.00
1/4	130.37	0.88	63.27	5.32	70.1	4022	27.40	173.77	0.89	64.5	4668	26.60	125.45	0.80	48.7	4571	24.40
1/5	142.38	0.89	63.34	5.85	60.9	4373	28.00	180.95	0.88	59.9	3925	24.80	120.98	0.83	52.3	4475	25.00
Average	140.31	0.87	63.62	5.41	65.6	4503	25.72	158.03	0.86	56.7	4100	24.96	116.54	0.78	54.8	4349	24.88
2/1	127.75	0.88	65.95	5.39	70.4	4847	23.60	170.97	0.80	59.6	4191	23.90	105.85	0.76	55.0	4639	23.40
2/2	134.82	0.89	65.41	5.24	71.6	4882	24.40	165.26	0.84	57.4	4145	24.40	100.27	0.79	58.4	4507	23.80
2/3	115.48	0.80	60.26	5.36	60.6	4262	18.60	154.18	0.86	62.7	3883	18.40	119.17	0.80	56.7	4288	24.00
2/4	130.29	0.88	62.90	5.90	70.1	4550	25.40	148.87	0.85	58.6	4372	23.60	103.34	0.76	51.1	4182	21.40
2/5	130.81	0.88	64.78	5.06	61.1	4844	17.80	162.87	0.88	66.5	3939	20.90	115.47	0.78	59.2	4446	23.00
Average	127.83	0.87	64.06	5.39	66.7	4677	21.96	160.43	0.84	69.0	4106	22.24	108.82	0.78	56.0	4413	23.12
Average	134.07	0.87	63.83	5.40	66.17	4590	23.84	159.23	0.85	58.97	4102.8	23.60	112.68	0.78	55.93	4380.9	24.00
S.D.	12.26	0.04	8.19	0.32	4.41	335.12	3.35	19.79	0.04	5.49	256.28	2.31	8.51	0.05	4.96	213.61	1.17

Table H Testing properties of medium density coconut wood polystyrene composites B6-B8

Sample/piece (unit)	B6							B7					B8				
	PL(%)	D (g/cm ³)	WA (%)	S (%)	Flexure Stress (MPa)	MOE (MPa)	Comp. (MPa)	PL(%)	D (g/cm ³)	Flexure Stress (MPa)	MOE (MPa)	Comp. (MPa)	PL(%)	D (g/cm ³)	Flexure Stress (MPa)	MOE (MPa)	Comp. (MPa)
1/1	69.73	0.78	50.30	5.02	76.3	5507	50.60	60.27	0.76	90.7	6036	43.60					
1/2	64.78	0.84	48.39	4.89	80.9	6300	55.80	55.00	0.77	72.1	5978	39.30	72.52	0.82	65.0	4932	45.70
1/3	56.72	0.73	53.78	5.34	74.4	4556	40.40	50.65	0.78	85.5	5844	40.80	90.04	0.84	68.7	5025	47.80
1/4	98.82	0.89	53.25	5.30	89.8	5857	55.60	50.24	0.80	86.9	5870	48.60	65.03	0.80	67.9	5391	40.80
1/5	80.16	0.80	50.60	5.16	85.2	6060	50.70	48.37	0.76	80.1	4600	40.00	90.91	0.93	77.2	5948	58.10
Average	74.04	0.81	51.26	5.14	81.3	5656	50.02	52.91	0.77	83.06	5666	42.46	77.72	0.87	70.4	5390	48.40
2/1	80.09	0.85	52.58	5.37	92.3	6100	52.20	66.11	0.78	90.7	6256	46.80	90.21	0.86	72.2	5890	40.52
2/2	72.16	0.80	54.63	5.95	87.0	5842	50.40	60.23	0.77	82.1	6025	40.30	89.86	0.90	80.0	6030	52.00
2/3	75.59	0.79	52.85	4.86	85.4	5725	45.60	55.69	0.76	80.2	5952	40.40	84.44	0.88	75.6	5925	46.60
2/4	77.00	0.79	50.14	5.07	84.4	5832	45.80	53.66	0.77	85.4	6010	43.10	86.77	0.88	79.3	5778	47.60
2/5	75.26	0.80	50.20	4.95	79.4	5461	45.90	53.76	0.78	87.3	6067	39.70	75.32	0.85	70.9	5737	41.30
Average	76.02	0.81	52.08	5.24	85.9	5792	47.98	57.89	0.77	85.14	6062	42.06	85.32	0.87	75.6	5872	45.60
Average	75.03	0.81	51.67	5.19	83.61	5724	49.30	55.40	0.77	84.10	5863.2	42.26					
S.D.	10.49	0.04	2.00	0.32	5.77	484.2	4.85	17.76	0.01	4.98	458.03	3.22	81.52	0.87	73.00	5631.3	47.00
													9.28	0.05	5.02	388.75	5.48

Table I Testing properties of low and medium density coconut wood polystyrene composites A9,B9

Sample/piece (unit)	A9					B9				
	PL(%)	D (g/cm ³)	Flexure Stress(MPa)	MOE (MPa)	Comp. (MPa)	PL(%)	D (g/cm ³)	Flexure Stress(MPa)	MOE (MPa)	Comp. (MPa)
1/1	120.55	0.86	65.2	4850	26.20	68.42	0.80	82.2	5525	53.20
1/2	115.96	0.84	59.7	4362	22.70	70.95	0.81	82.4	5675	52.40
1/3	130.21	0.87	60.6	4470	23.50	75.74	0.78	80.3	5502	47.30
1/4	130.94	0.89	63.4	4452	23.70	66.37	0.78	80.5	5514	47.20
1/5	128.06	0.89	64.6	4520	24.00	72.40	0.76	78.2	5472	45.60
Average	125.14	0.87	62.7	4525	24.02	70.78	0.79	80.7	5538	49.16
2/1	131.67	0.89	63.8	4538	24.20	75.24	0.82	86.1	6075	50.40
2/2	128.32	0.89	67.2	4690	24.40	73.56	0.79	84.7	5890	47.70
2/3	125.40	0.87	65.5	4660	24.40	70.30	0.78	84.4	5766	47.50
2/4	130.66	0.87	64.4	4600	24.00	70.17	0.78	85.6	5769	51.80
2/5	118.75	0.85	61.6	4597	22.90	79.13	0.83	85.7	6010	46.80
Average	126.96	0.87	64.5	4617	23.98	73.68	0.80	85.3	5902	48.84
Average	126.05	0.87	63.6	4574	24.00	72.23	0.79	83.01	5719.8	49.30
S.D.	5.42	0.02	2.34	138.7	0.97	3.56	0.02	2.71	2.71	4.85

Table J Testing properties of coconut wood poly(ST-MMA) composites A10-A11

Sample/piece (unit)	A10							A11						
	PL(%)	D (g/cm ³)	WA (%)	S(%)	Flexure Stress (MPa)	MOE(MPa)	Comp.(MPa)	PL(%)	D (g/cm ³)	WA (%)	S(%)	Flexure Stress (MPa)	MOE(MPa)	Comp.(MPa)
1/1	80.47	0.57	85.63	8.30	40.3	2419	49.40	65.21	0.64	90.84	8.81	34.3	2571	39.40
1/2	78.31	0.57	94.15	8.64	40.5	2435	40.60	69.46	0.63	85.26	8.42	40.3	3312	34.30
1/3	85.24	0.64	84.32	7.85	45.6	3011	45.10	65.35	0.56	91.91	8.75	35.6	2340	35.50
1/4	76.86	0.55	92.18	8.76	38.4	2850	42.60	63.44	0.53	93.80	8.79	31.9	2650	36.10
1/5	79.57	0.55	90.83	8.47	41.6	2817	40.10	62.75	0.51	93.73	8.61	33.7	2219	38.50
Average	80.09	0.57	89.42	8.40	41.3	2706	41.96	65.24	0.57	91.11	8.67	35.2	2618	36.76
2/1	74.10	0.56	90.57	7.03	38.7	2784	41.80	69.62	0.57	85.21	8.50	36.9	2543	38.75
2/2	80.42	0.58	89.51	8.50	41.2	2950	39.60	64.11	0.55	95.38	8.72	37.1	2600	37.32
2/3	70.34	0.57	84.65	7.64	38.1	2693	37.10	67.90	0.56	84.76	8.45	37.6	2530	37.59
2/4	70.22	0.57	88.87	7.88	40.6	2698	37.40	66.82	0.57	90.40	8.56	34.8	2316	38.26
2/5	67.37	0.56	82.90	8.55	34.9	2510	35.90	63.75	0.57	90.80	8.42	33.6	2271	38.28
Average	72.49	0.57	87.30	7.92	38.7	2729	38.36	66.44	0.57	89.31	8.53	36.0	2464	38.04
Average	76.29	0.57	88.36	8.16	39.99	2716.7	40.92	65.84	0.57	90.21	8.60	35.58	2541.2	37.40
S.D.	5.35	0.03	3.77	0.55	2.79	206.83	4.09	5.72	0.04	3.87	0.15	2.44	312.82	1.62

Table K Testing properties of coconut wood poly(ST-MMA) composites A12-A13

Sample/piece	A12							A13						
	(unit)	PL(%)	D (g/cm ³)	WA (%)	S(%)	Flexure Stress (MPa)	MOE (MPa)	Comp. (MPa)	PL(%)	D (g/cm ³)	WA (%)	S(%)	Flexure Stress (MPa)	MOE (MPa)
1/1	85.00	0.59	104.27	8.55	46.9	3213	28.00	18.35	0.44	130.20	9.52	40.3	3391	20.00
1/2	90.48	0.57	110.95	8.67	60.0	3610	21.00	17.84	0.45	132.66	9.37	45.3	3140	20.80
1/3	87.50	0.63	105.36	8.32	58.8	3870	18.50	23.34	0.38	140.04	10.36	42.3	3617	21.90
1/4	89.26	0.63	105.39	8.50	60.1	2897	18.80	24.82	0.37	142.06	10.90	38.9	2817	18.50
1/5	91.34	0.58	109.70	8.57	45.6	3360	25.00	19.95	0.40	130.35	10.20	41.4	2822	25.00
Average	88.71	0.60	107.13	8.52	54.28	3590	22.26	20.86	0.41	136.66	10.07	41.6	3157	21.24
2/1	84.05	0.61	104.72	8.73	56.0	3851	22.90	17.04	0.44	136.84	9.63	47.9	3113	25.50
2/2	86.85	0.59	109.20	8.86	55.3	3416	19.00	21.35	0.40	133.55	10.95	42.9	2830	19.00
2/3	80.21	0.63	105.32	8.53	58.7	4590	23.80	16.26	0.44	130.96	9.80	45.6	3695	24.70
2/4	88.64	0.58	104.75	8.84	23.9	3522	19.60	22.96	0.40	132.54	10.03	43.7	2869	19.00
2/5	83.40	0.64	111.76	8.74	60.1	4221	24.40	18.49	0.43	138.81	9.54	47.9	3078	19.10
Average	84.65	0.61	107.15	8.74	50.80	3920	21.94	19.72	0.42	134.54	9.99	45.6	3117	21.46
Average	86.68	0.61	107.14	8.63	52.54	3655	22.10	20.04	0.42	135.60	10.03	43.62	3137	21.35
S.D.	3.37	0.03	2.91	0.17	11.39	495.87	3.21	1.20	0.03	4.13	0.57	3.06	329.65	2.76

Table L. Testing properties of coconut wood poly(ST-MMA) composites B10-B11

Sample/piece	B10							B11						
	(unit)	PL(%)	D (g/cm ³)	WA (%)	S(%)	Flexure Stress(MPa)	MOE (MPa)	Comp. (MPa)	PL(%)	D (g/cm ³)	WA (%)	S(%)	Flexure Stress (MPa)	MOE (MPa)
1/1	30.23	0.69	75.23	8.23	78.3	5026	51.10	60.61	0.75	87.15	8.12	64.6	5599	36.00
1/2	31.19	0.70	72.29	8.06	69.9	5501	49.20	50.14	0.80	85.66	8.47	66.9	5156	42.00
1/3	36.84	0.70	71.31	7.95	76.7	5307	46.20	58.77	0.72	92.94	8.66	56.8	-	39.60
1/4	40.84	0.67	80.44	8.59	60.7	5293	42.50	57.96	0.71	96.23	8.76	54.4	5484	38.80
1/5	42.09	0.67	82.47	8.91	61.6	5647	49.70	52.44	0.73	90.01	8.53	69.2	5326	35.90
Average	36.24	0.68	76.35	8.35	69.4	5354	47.54	55.98	0.74	89.40	8.51	62.38	5391	38.46
2/1	36.42	0.67	84.23	8.49	61.9	5371	49.56	52.46	0.76	87.49	8.24	63.5	5216	42.60
2/2	35.69	0.67	85.91	8.67	66.5	5112	48.86	56.86	0.76	88.06	8.16	64.3	5322	44.20
2/3	38.39	0.70	75.15	7.93	70.5	5470	52.30	50.02	0.71	93.34	8.93	58.7	4969	37.30
2/4	35.70	0.68	77.97	8.34	75.7	5340	48.20	53.75	0.77	86.17	8.33	66.7	5184	41.10
2/5	39.00	0.70	75.60	7.42	66.4	5067	50.10	55.01	0.70	90.84	8.59	52.9	4914	41.50
Average	37.04	0.68	79.77	8.17	68.2	5272	49.86	53.63	0.74	87.98	8.45	63.22	5121	41.34
Average	36.64	0.69	78.06	8.26	68.82	5314.3	48.77	54.80	0.74	89.79	8.48	62.8	5241	39.90
S.D.	1.57	0.01	5.01	0.44	6.50	200.78	2.74	1.40	0.03	3.51	0.27	7.49	221.64	2.86

Table M Testing properties of coconut wood poly(ST-MMA) composites B12-B13

Sample/piece	B12							B13						
(unit)	PL(%)	D (g/cm ³)	WA (%)	S (%)	Flexure Stress(MPa)	MOE (MPa)	Comp. (MPa)	PL(%)	D (g/cm ³)	WA (%)	S(%)	Flexure Stress(MPa)	MOE (MPa)	Comp. (MPa)
1/1	26.63	0.68	80.86	8.17	87.7	6047	41.50	9.88	0.58	95.03	8.14	72.7	4869	37.70
1/2	34.62	0.63	93.98	8.75	81.2	5413	--	10.36	0.50	102.40	9.03	82.8	5031	32.80
1/3	34.28	0.64	94.82	8.03	78.7	5696	39.50	15.30	0.59	90.57	8.07	75.7	5305	36.80
1/4	30.22	0.69	78.35	8.84	73.6	4893	44.70	12.69	0.50	106.86	9.11	73.7	5584	30.20
1/5	35.91	0.63	92.29	8.59	82.4	5578	38.90	8.76	0.56	100.91	8.96	75.6	5416	30.00
Average	32.33	0.66	88.06	8.48	80.7	5525	41.15	11.40	0.55	99.15	8.66	76.1	5241	33.50
2/1	29.60	0.67	93.11	8.17	85.6	5406	36.90	11.64	0.50	104.90	9.11	73.4	4817	32.20
2/2	24.00	0.69	82.30	8.00	86.1	5769	42.80	13.43	0.55	93.25	8.52	78.8	5321	39.10
2/3	26.19	0.67	89.77	8.22	80.8	5528	36.60	12.51	0.56	94.60	8.41	78.4	5554	46.40
2/4	27.58	0.67	89.82	8.08	82.4	5640	36.30	15.36	0.57	90.96	8.65	80.6	5630	38.10
2/5	33.88	0.65	98.20	8.23	76.5	5482	37.60	13.76	0.53	106.04	8.64	85.3	5312	40.40
Average	28.33	0.67	90.64	8.14	82.3	5565	38.04	13.34	0.54	97.95	8.66	79.3	5327	38.04
Average	30.33	0.66	88.45	8.31	81.50	5545.2	39.42	12.37	0.54	98.55	8.66	77.7	5284	36.37
S.D.	1.906	0.02	5.86	0.30	4.40	298.37	2.98	2.10	6.39	6.06	0.38	4.24	290.3	5.14

Table N Testing properties of coconut wood poly(ST-MMA) composites A14-A15

Sample/piece (unit)	A14					A15				
	PL(%)	D (g/cm ³)	Flexure Stress(MPa)	MOE (MPa)	Comp. (MPa)	PL(%)	D (g/cm ³)	Flexure Stress(MPa)	MOE (MPa)	Comp. (MPa)
1/1	90.12	0.70	43.7	3947	45.40	116.26	0.65	49.0	3063	44.60
1/2	88.74	0.70	40.1	3180	36.30	110.70	0.68	43.5	3562	45.60
1/3	98.62	0.65	52.8	4252	46.80	108.25	0.69	49.0	3810	49.10
1/4	100.50	0.65	49.8	4681	38.20	107.34	0.68	47.6	3788	42.10
1/5	95.64	0.69	44.2	4067	49.60	110.92	0.65	40.9	3186	40.00
Average	94.74	0.68	46.12	4025	43.32	110.69	0.67	46.0	3482	44.28
2/1	98.30	0.65	45.8	3536	39.20	116.60	0.68	51.8	3590	47.20
2/2	96.07	0.66	46.0	3829	43.96	120.18	0.65	49.4	3035	45.10
2/3	100.15	0.64	46.6	3385	42.40	118.46	0.65	48.2	3226	46.40
2/4	92.84	0.69	51.0	4593	49.60	115.32	0.69	52.2	3529	50.80
2/5	89.44	0.70	56.0	3892	40.90	117.89	0.66	46.4	3960	47.10
Average	95.36	0.67	49.1	3847	43.20	117.69	0.67	49.6	3468	47.32
Average	95.05	0.67	47.6	3936.2	43.23	114.19	0.67	47.8	3474.9	45.80
S.D.	11.33	0.02	4.76	489.03	4.65	7.34	0.02	3.48	329.65	3.14

Table O Testing termite resistance of coconut wood poly(ST-MMA) composites A6, A10-A11

Sample/piece (unit)	A6				A10				A11			
	D (g/cm ³)	Initial weight(g)	After weight(g)	wt. loss(%)	D (g/cm ³)	Initial weight(g)	After weight(g)	wt. loss(%)	D (g/cm ³)	Initial weight(g)	After weight(g)	wt. loss(%)
1/1	0.31	3.70	3.53	4.59	0.32	3.85	3.70	3.90	0.33	3.70	3.58	3.24
1/2	0.31	3.50	3.35	4.29	0.36	3.76	3.61	3.99	0.36	3.47	3.37	2.88
1/3	0.32	3.68	3.56	3.26	0.35	3.91	3.77	3.58	0.32	3.49	3.38	3.15
1/4	0.38	3.71	3.56	4.04	0.33	3.74	3.59	4.01	0.38	3.61	3.51	2.77
1/5	0.32	3.53	3.39	3.97	0.31	3.50	3.35	4.29	0.36	3.53	3.44	2.25
Average	0.32	3.62	3.48	4.03	0.33	3.75	3.60	3.95	0.35	3.56	3.46	2.92
2/1	0.38	3.58	3.44	3.91	0.37	3.52	3.38	3.98	0.35	3.49	3.38	3.15
2/2	0.35	3.60	3.45	4.17	0.36	3.48	3.35	3.74	0.36	3.51	3.41	2.85
2/3	0.38	3.64	3.49	4.12	0.34	3.56	3.81	3.79	0.32	3.72	3.60	3.23
2/4	0.35	3.62	3.46	4.42	0.33	3.45	3.30	4.35	0.31	3.50	3.39	3.314
2/5	0.36	3.57	3.43	3.92	0.32	3.47	3.33	4.03	0.31	3.49	3.34	3.19
Average	0.36	3.60	3.45	4.11	0.34	3.58	3.43	3.98	0.33	3.53	3.42	3.11
Average	0.34	3.61	3.47	4.07	0.34	3.66	3.52	3.97	0.34	3.55	3.44	3.02
S.D.	0.12	0.35	1.12	1.00	0.12	0.25	0.16	0.13	0.03	0.0	0.08	0.99

Table P Testing termite resistance of coconut wood poly(ST-MMA) composites A12-A13

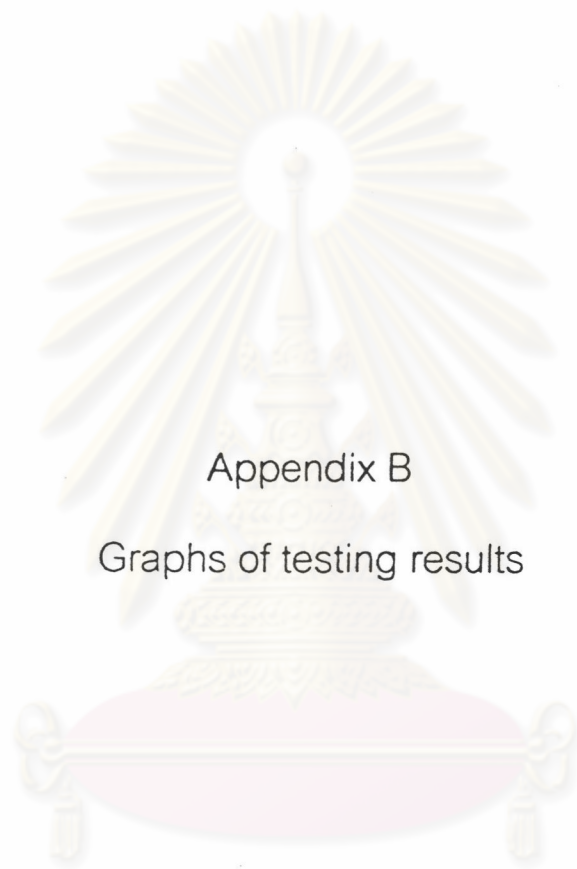
Sample/piece (unit)	A12				A13			
	D (g/cm ³)	Initial weight(g)	After weight(g)	wt. loss(%)	D (g/cm ³)	Initial weight(g)	After weight(g)	wt. loss(%)
1/1	0.30	2.82	2.75	2.48	0.35	2.94	2.87	2.38
1/2	0.31	2.39	2.32	2.93	0.34	3.02	2.94	2.65
1/3	0.35	3.40	3.30	2.94	0.36	3.09	3.02	2.26
1/4	0.36	3.21	3.14	2.18	0.32	3.15	3.06	2.86
1/5	0.33	3.35	3.27	2.39	0.30	2.88	2.80	2.78
Average	0.33	3.03	2.96	2.58	0.33	3.02	2.93	2.59
2/1	0.37	3.06	2.96	3.27	0.37	2.90	2.83	2.41
2/2	0.38	3.14	3.05	2.87	0.35	2.96	2.88	2.70
2/3	0.31	2.53	2.47	2.37	0.33	3.11	3.02	2.89
2/4	0.32	2.74	2.65	3.28	0.32	2.86	2.79	2.45
2/5	0.33	2.50	2.44	2.40	0.34	2.76	2.69	2.54
Average	0.34	2.79	2.71	2.84	0.34	2.92	2.84	2.60
Average	0.34	2.91	2.84	2.71	0.34	2.97	2.89	2.60
S.D.	0.0	0.38	0.29	0.38	0.0	0.87	0.11	0.0

Table Q Testing termite resistance of coconut wood poly(ST-MMA) composites B6, B10-B11

Sample/piece (unit)	B6				B10				B11			
	D (g/cm ³)	Initial weight(g)	After weight(g)	wt. loss(%)	D (g/cm ³)	Initial weight(g)	After weight(g)	wt. loss(%)	D (g/cm ³)	Initial weight(g)	After weight(g)	wt. loss(%)
1/1	0.52	3.94	3.84	2.54	0.49	4.22	4.08	3.32	0.46	3.36	3.26	2.98
1/2	0.48	3.92	3.82	2.55	0.48	4.03	3.94	2.23	0.48	3.46	3.37	2.60
1/3	0.51	4.25	4.18	1.65	0.51	4.02	3.94	1.99	0.48	3.55	3.48	1.97
1/4	0.46	3.63	3.49	3.86	0.49	3.82	3.71	2.88	0.50	3.52	3.42	2.84
1/5	0.45	4.02	3.89	3.23	0.51	4.19	4.10	2.15	0.48	3.43	3.36	2.04
Average	0.48	3.95	3.84	2.77	0.49	4.06	3.95	2.51	0.48	3.46	3.38	2.49
2/1	0.49	3.87	3.75	3.10	0.45	4.20	4.10	2.38	0.45	4.13	4.05	1.94
2/2	0.50	3.73	3.63	2.68	0.45	3.97	3.86	2.77	0.47	4.24	4.16	1.89
2/3	0.48	3.90	3.81	2.31	0.48	4.06	3.96	2.46	0.45	4.30	4.21	2.09
2/4	0.45	4.13	4.04	2.18	0.46	3.84	3.72	3.13	0.51	4.09	4.02	1.71
2/5	0.48	4.07	3.96	2.70	0.50	4.12	4.03	2.18	0.48	4.16	4.08	1.92
Average	0.48	3.94	3.84	2.59	0.47	4.04	3.93	2.58	0.47	4.18	4.10	1.91
Average	0.48	3.95	3.84	2.68	0.48	4.05	3.94	2.55	0.48	3.82	3.74	2.20
S.D.	0.05	0.03	0.21	0.58	0.05	1.28	0.23	2.58	0.14	0.17	0.37	0.43

Table R Testing termite resistance of coconut wood poly(ST-MMA) composites B12-B13

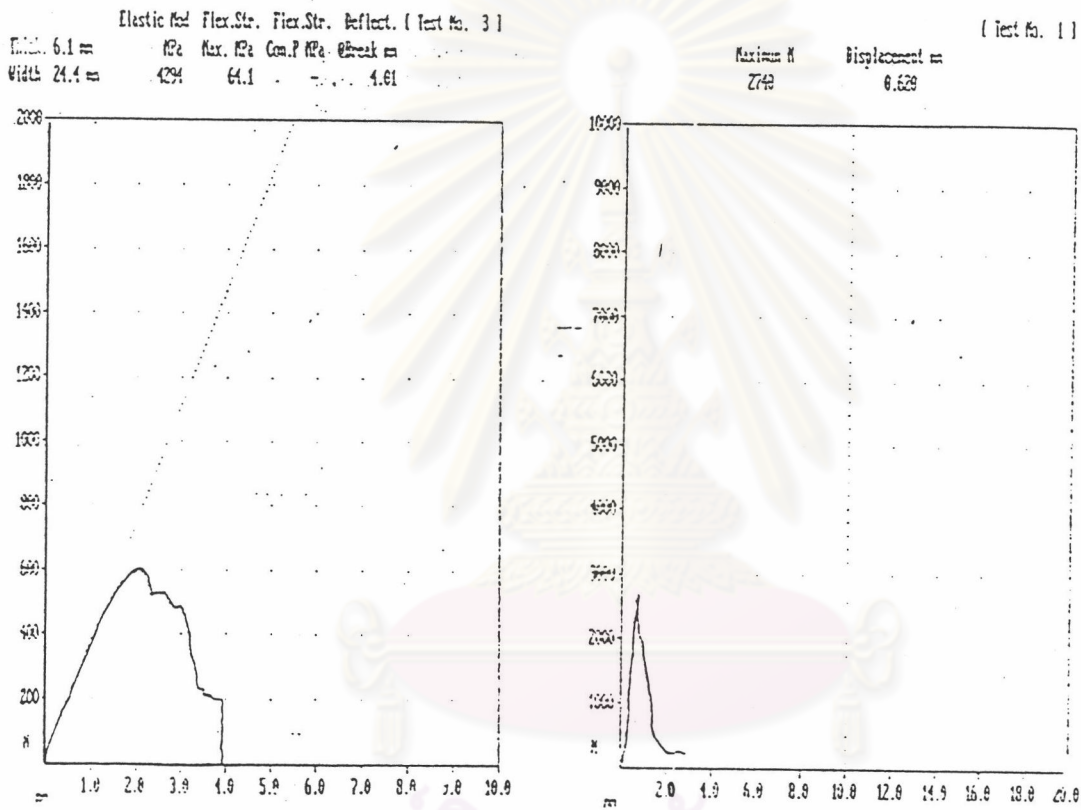
Sample/piece (unit)	B12				B13			
	D (g/cm ³)	Initial weight(g)	After weight(g)	wt. loss(%)	D (g/cm ³)	Initial weight(g)	After weight(g)	wt. loss(%)
1/1	0.51	3.47	3.44	0.86	0.52	3.20	3.15	1.56
1/2	0.47	3.01	2.96	1.66	0.48	3.17	3.12	1.58
1/3	0.50	3.39	3.34	1.47	0.46	3.03	2.99	1.32
1/4	0.50	3.03	3.00	0.99	0.47	3.29	3.25	1.22
1/5	0.52	3.57	3.50	1.96	0.50	3.40	3.36	1.18
Average	0.50	3.29	3.25	1.39	0.49	3.22	3.17	1.37
2/1	0.45	4.20	4.14	1.43	0.50	2.91	2.88	1.03
2/2	0.48	4.07	4.02	1.23	0.47	3.04	3.00	1.32
2/3	0.46	3.98	3.92	1.51	0.52	3.07	3.04	0.98
2/4	0.47	3.86	3.80	1.55	0.50	2.98	2.95	1.00
2/5	0.46	4.17	4.11	1.44	0.51	3.07	3.03	1.30
Average	0.46	3.99	4.00	1.43	0.50	3.01	2.98	1.13
Average	0.48	3.64	3.62	1.41	0.50	3.12	3.08	1.25
S.D.	0.05	0.66	0.14	0.30	0.0	0.0	0.0	0.20



Appendix B

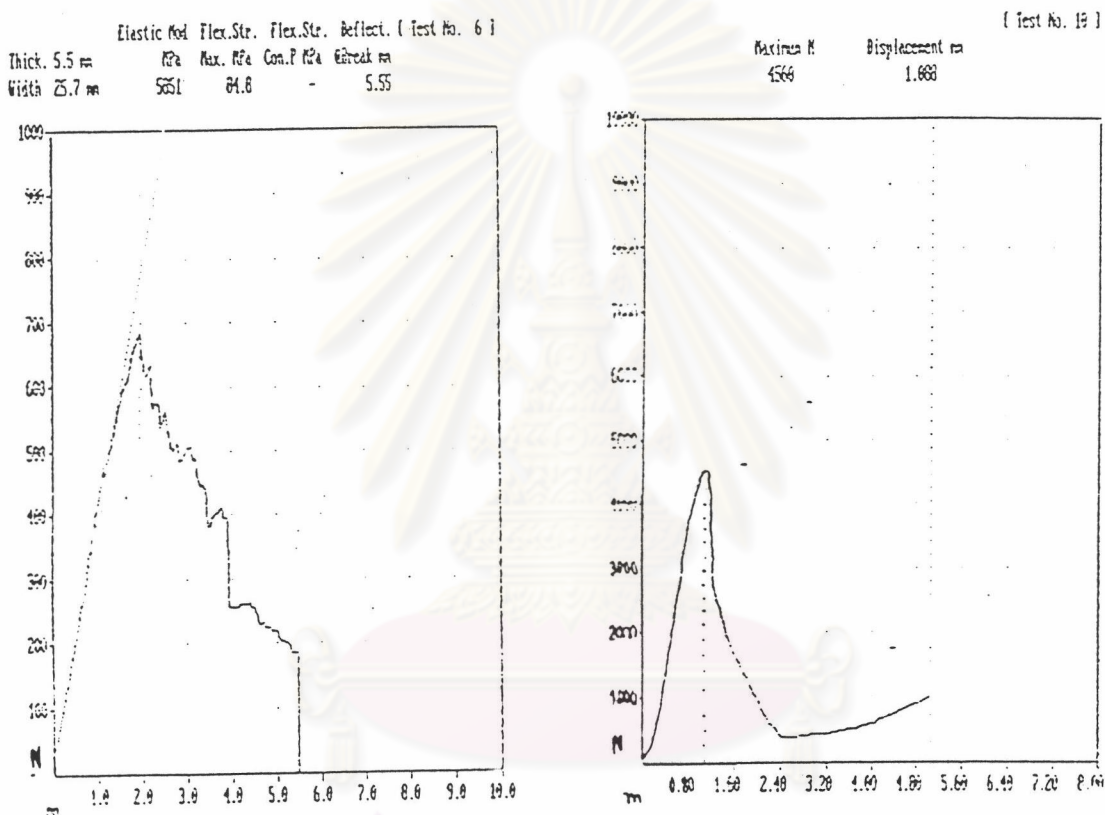
Graphs of testing results

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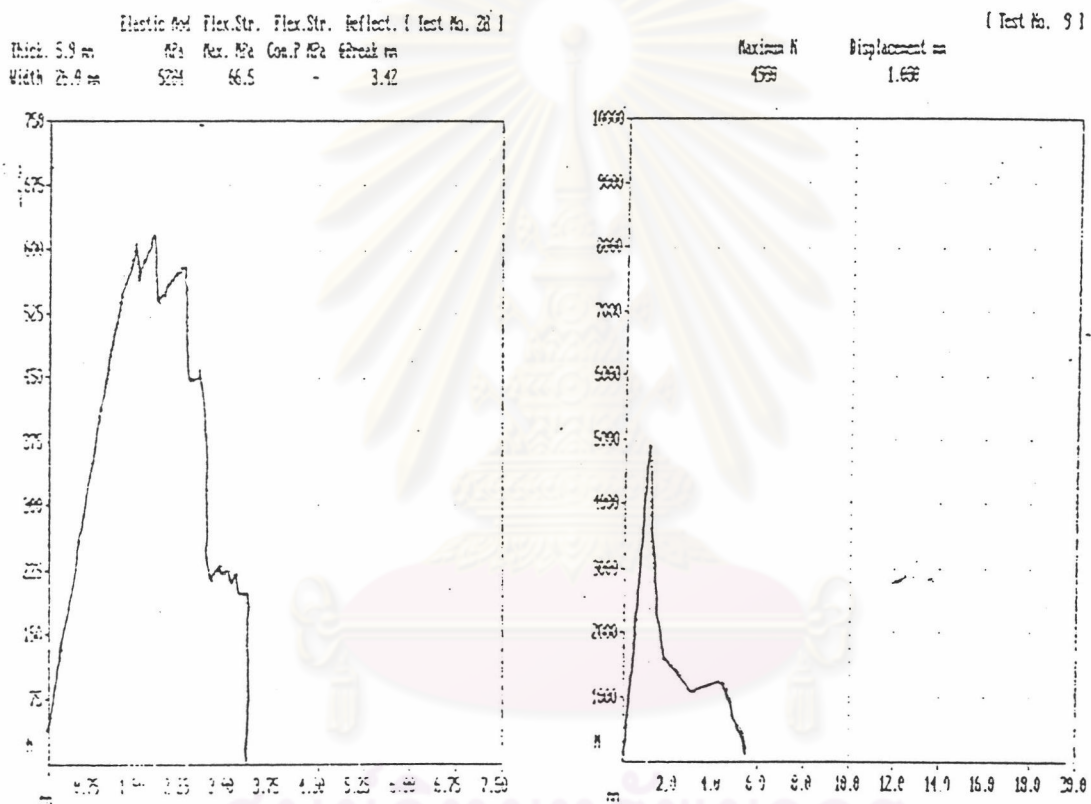
ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

Fig. B1 Graphs of MOE and compression testing of natural coconut wood



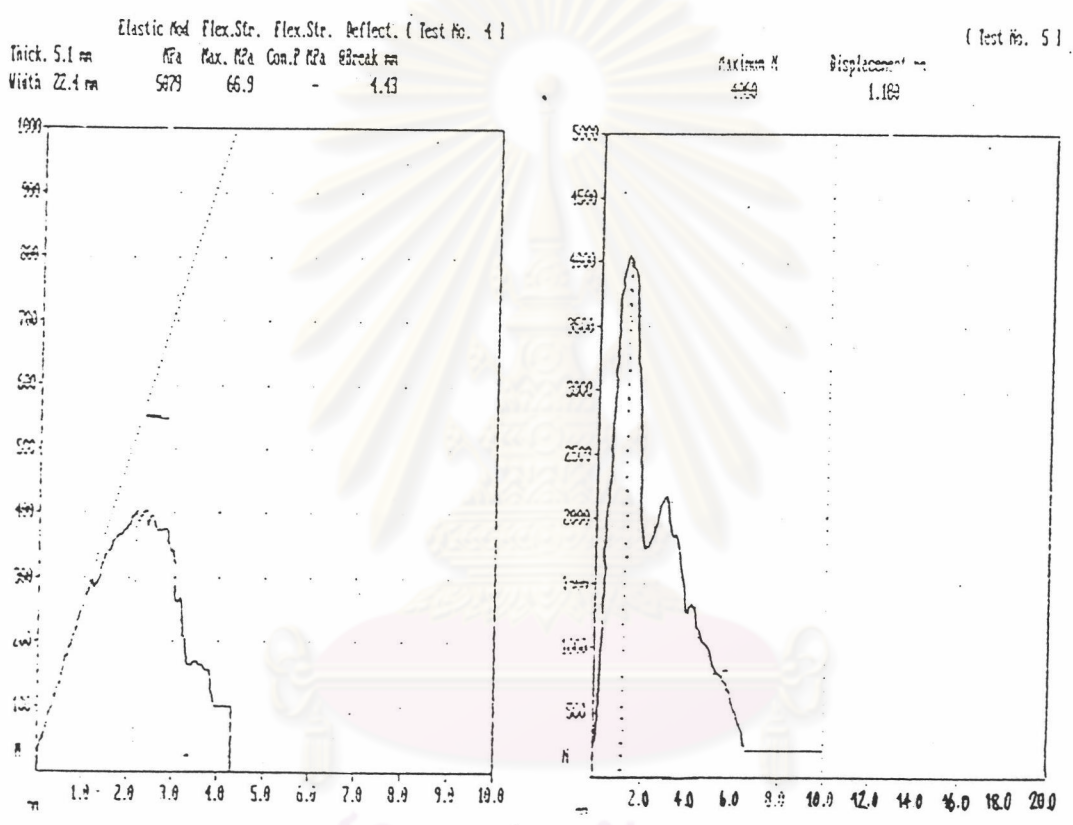
ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

Fig. B2 Graphs of MOE and compression testing of coconut –ST/MMA (100/0)



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Fig. B3 Graphs of MOE and compression testing of coconut -ST/MMA (70/30)



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Fig. B4 Graphs of MOE and compression testing of coconut-ST/MMA (50/50)

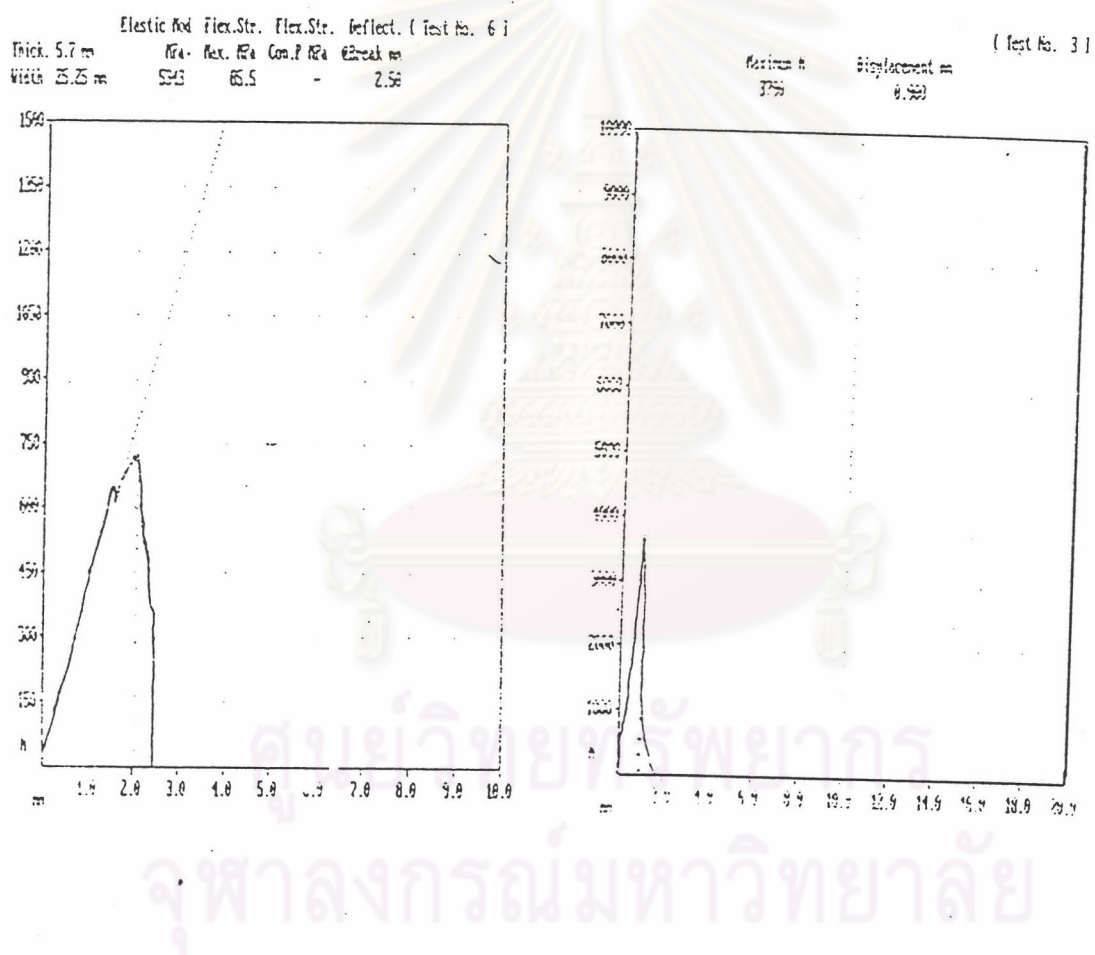
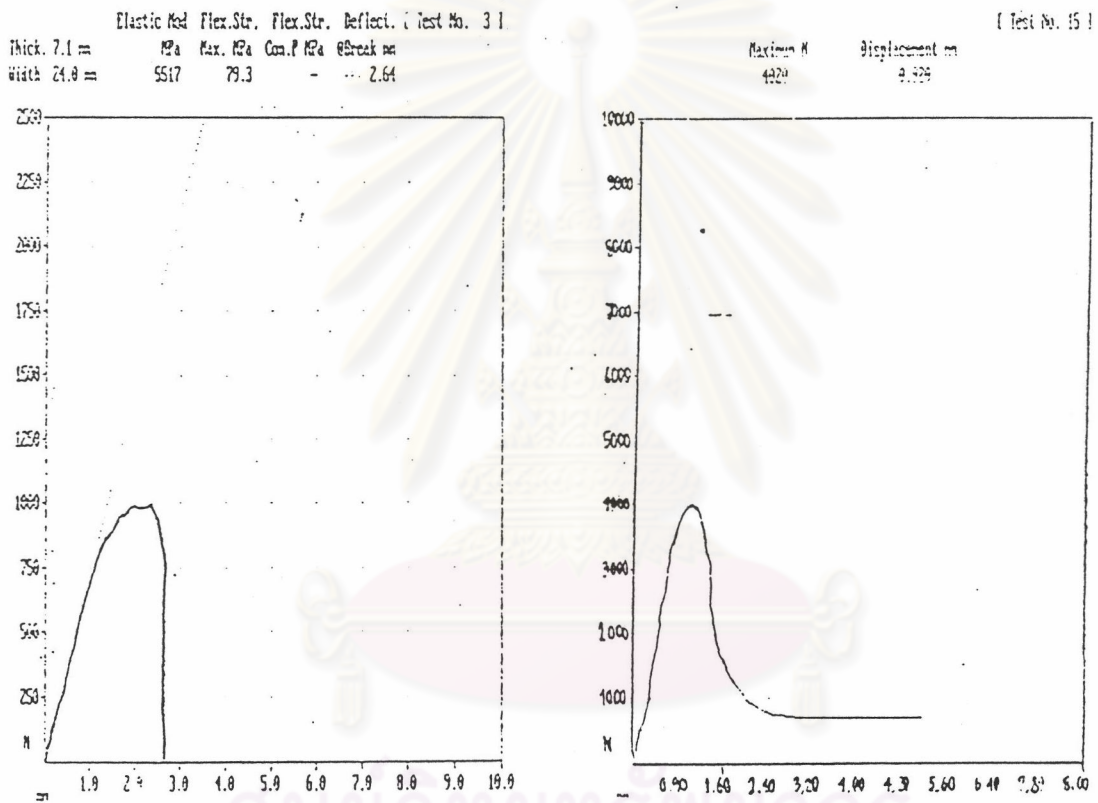



Fig. B5 Graphs of MOE and compression testing of coconut –ST/MMA (30/70)



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Fig. B6 Graphs of MOE and compression testing of coconut –ST/MMA (0/100)



Appendix C

Results of statistical analysis (oneway-ANOVA)

ศูนย์วิทยทรัพยากร
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Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
						Lower Bound	Upper Bound
den	10000	10	0.3360	0.025	0.008	0.3178	0.3542
	11110	10	0.8210	0.035	0.011	0.7957	0.8463
	12110	10	0.8700	0.044	0.014	0.8384	0.9016
	12120	10	0.5720	0.026	0.008	0.5536	0.5904
	12130	10	0.5690	0.040	0.013	0.5405	0.5975
	12131	10	0.6730	0.025	0.008	0.6551	0.6909
	12134	10	0.6680	0.018	0.006	0.6555	0.6805
	12140	10	0.6050	0.026	0.008	0.5865	0.6235
	12150	10	0.4150	0.028	0.009	0.3947	0.4353
	12210	10	0.8720	0.018	0.006	0.8590	0.8850
	13110	10	0.8510	0.039	0.012	0.8233	0.8787
	14110	10	0.7800	0.047	0.015	0.7463	0.8137
	20000	10	0.4940	0.039	0.012	0.4662	0.5218
	21110	10	0.8110	0.021	0.007	0.7961	0.8259
	22110	10	0.8070	0.044	0.014	0.7757	0.8383
	22120	10	0.6850	0.014	0.005	0.6747	0.6953
	22130	10	0.7410	0.032	0.010	0.7180	0.7640
	22140	10	0.6620	0.023	0.007	0.6455	0.6785
	22150	10	0.5440	0.034	0.011	0.5194	0.5686
	22210	10	0.7930	0.022	0.007	0.7775	0.8085
	23110	10	0.7730	0.013	0.004	0.7640	0.7820
	24110	10	0.8710	0.047	0.015	0.8374	0.9046
	31110	10	0.9780	0.010	0.003	0.9706	0.9854
	90000	10	0.8480	0.022	0.007	0.8323	0.8637
	Total	240	0.7100	0.160	0.010	0.6896	0.7304
flex	10000	10	32.9900	4.732	1.496	29.6051	36.3749
	11110	10	61.2000	3.057	0.967	59.0130	63.3870
	12110	10	66.1700	4.413	1.395	63.0130	69.3270
	12120	10	39.9900	2.787	0.881	37.9960	41.9840
	12130	10	35.5800	2.442	0.772	33.8333	37.3267
	12131	10	47.6000	4.759	1.505	44.1957	51.0043
	12134	10	47.8000	3.481	1.101	45.3098	50.2902
	12140	10	52.5400	11.387	3.601	44.3945	60.6855
	12150	10	43.6200	3.053	0.965	41.4362	45.8038
	12210	10	63.6000	2.335	0.738	61.9298	65.2702
	13110	10	58.9700	5.490	1.736	55.0425	62.8975
	14110	10	55.9300	4.964	1.570	52.3792	59.4808
	20000	10	70.1100	7.424	2.348	64.7989	75.4211
	21110	10	83.2000	2.050	0.648	81.7332	84.6668
	22110	10	83.6100	5.770	1.824	79.4827	87.7373
	22120	10	68.8200	6.502	2.056	64.1688	73.4712
	22130	10	61.8000	5.680	1.796	57.7369	65.8631
	22140	10	81.5000	4.395	1.390	78.3559	84.6441
	22150	10	77.7000	4.240	1.341	74.6671	80.7329
	22210	10	83.0100	2.710	0.857	81.0715	84.9485
	23110	10	84.1000	5.657	1.789	80.0529	88.1471
	24110	10	73.0000	5.019	1.587	69.4099	76.5901
	31110	10	113.7000	2.143	0.678	112.1668	115.2332
	90000	10	109.2600	6.599	2.087	104.5396	113.9804
	Total	240	66.4917	21.070	1.360	63.8125	69.1709

Descriptives

		N	Mean	Std. Deviation	Std. Error	5% Confidence Interval for Mean	
						Lower Bound	Upper Bound
MOE	10000	10	2637.50	310.35	98.14	2415.49	2859.51
	11110	10	4629.30	195.43	61.80	4489.49	4769.11
	12110	10	4590.30	335.37	106.06	4350.39	4830.21
	12120	10	2716.70	296.83	65.41	2568.74	2864.66
	12130	10	2541.20	312.82	98.92	2317.42	2764.98
	12131	10	3936.20	489.03	154.64	3586.37	4286.03
	12134	10	3474.90	329.65	104.24	3239.09	3710.71
	12140	10	3655.00	495.87	156.81	3300.27	4009.73
	12150	10	3137.20	329.65	104.25	2901.38	3373.02
	12210	10	4573.90	138.68	43.85	4474.69	4673.11
	13110	10	4102.80	256.28	81.04	3919.47	4286.13
	14110	10	4380.90	213.61	67.55	4228.09	4533.71
	20000	10	4444.20	298.89	94.52	4230.39	4658.01
	21110	10	5719.20	194.46	61.49	5580.09	5858.31
	22110	10	5724.00	484.17	153.11	5377.64	6070.36
	22120	10	5313.40	199.82	63.19	5170.46	5456.34
	22130	9	5241.11	221.64	73.88	5070.74	5411.48
	22140	10	5545.20	296.37	94.35	5331.76	5758.64
	22150	10	5284.00	290.03	91.71	5076.53	5491.47
	22210	10	5719.80	219.86	69.53	5562.52	5877.08
23110	10	5863.80	458.33	144.94	5535.93	6191.67	
24110	10	5631.30	366.75	122.93	5353.20	5909.40	
31110	10	10355.10	278.34	88.02	10155.99	10554.21	
90000	10	10254.00	442.53	139.94	9937.44	10570.56	
Total		239	4976.86	1937.38	125.32	4729.98	5223.73
Comp	10000	10	17.71	2.01	0.64	16.27	19.15
	11110	10	21.94	1.25	0.40	21.04	22.84
	12110	10	23.84	3.35	1.06	21.45	26.23
	12120	10	40.92	4.09	1.29	38.00	43.85
	12130	10	37.40	1.62	0.51	36.24	38.56
	12131	10	43.23	4.65	1.47	39.90	46.56
	12134	10	45.80	3.15	1.00	43.55	48.05
	12140	10	22.10	3.21	1.02	19.80	24.40
	12150	10	21.35	2.76	0.87	19.38	23.32
	12210	10	24.00	0.97	0.31	23.31	24.69
	13110	10	23.60	2.31	0.73	21.95	25.25
	14110	10	24.00	1.17	0.37	23.16	24.84
	20000	10	27.03	1.82	0.58	25.70	28.33
	21110	10	43.32	1.96	0.62	41.92	44.73
	22110	10	49.30	4.85	1.53	45.63	52.77
	22120	10	48.77	2.74	0.87	46.81	50.73
	22130	10	39.90	2.86	0.90	37.86	41.94
	22140	9	39.42	2.98	0.99	37.13	41.72
	22150	10	36.37	5.14	1.63	32.69	40.05
	22210	10	48.99	2.70	0.85	47.06	50.92
23110	10	42.26	3.22	1.02	39.96	44.56	
24110	10	47.00	5.48	1.73	43.08	50.93	
31110	10	55.35	1.54	0.49	54.24	56.45	
90000	10	56.35	3.35	1.06	52.95	57.75	
Total		239	36.61	12.10	0.78	35.07	38.15

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
						wa	10000		
	12110	10	63.8380	2.1750	.6878	62.2821	65.3939	60.26	66.50
	12120	10	88.3610	3.7717	1.1927	85.6629	91.0591	82.90	94.15
	12130	10	90.2090	3.8713	1.2242	87.4396	92.9784	84.76	95.38
	12140	10	107.1420	2.9061	.9190	105.0631	109.2209	104.27	111.76
	12150	10	135.6010	4.1332	1.3070	132.6443	138.5577	130.20	142.06
	20000	10	110.3170	7.0413	2.2267	105.2799	115.3541	99.84	120.12
	22110	10	51.6720	2.0059	.6343	50.2371	53.1069	48.39	54.63
	22120	10	78.0600	5.0133	1.5853	74.4737	81.6463	71.31	85.91
	22130	10	89.7890	3.5050	1.1084	87.2817	92.2963	85.66	96.23
	22140	10	88.4500	5.8618	1.8536	84.2568	92.6432	78.35	94.82
	22150	10	98.5250	6.3893	2.0205	93.9544	103.0956	90.57	106.86
	90000	10	43.0550	3.7950	1.2001	40.3402	45.7698	36.80	48.09
	Total	130	93.8471	33.6723	2.9533	88.0040	99.6902	36.80	166.75
S	10000	10	10.0920	.2809	8.9E-02	9.8911	10.2929	9.62	10.56
	12110	10	5.4020	.3202	.1013	5.1729	5.6311	5.06	5.90
	12120	10	8.1620	.5473	.1731	7.7705	8.5535	7.03	8.76
	12130	10	8.6030	.1549	4.9E-02	8.4922	8.7138	8.42	8.81
	12140	10	8.6310	.1679	5.3E-02	8.5109	8.7511	8.32	8.86
	12150	10	10.0300	.5666	.1792	9.6246	10.4354	9.37	10.95
	20000	10	9.3370	1.0641	.3365	8.5758	10.0982	6.46	10.10
	22110	10	5.1910	.3241	.1025	4.9592	5.4228	4.86	5.95
	22120	10	8.2590	.4359	.1379	7.9472	8.5708	7.42	8.91
	22130	10	8.4790	.2667	8.4E-02	8.2882	8.6698	8.12	8.93
	22140	10	8.3080	.3044	9.6E-02	8.0902	8.5258	8.00	8.84
	22150	10	8.6640	.3848	.1217	8.3887	8.9393	8.07	9.11
	90000	10	6.1730	.2850	9.0E-02	5.9692	6.3768	5.85	6.69
	Total	130	8.1024	1.5799	.1385	7.8284	8.3763	4.86	10.95

den Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
10000	11110	-0.4850*	0.0138	0.000	-0.5122	-0.4578	12110	10000	0.5340*	0.0138	0.000	0.5068	0.5612
	12110	-0.5340*	0.0138	0.000	-0.5612	-0.5068		11110	0.0480*	0.0138	0.000	0.0218	0.0762
	12120	-0.2360*	0.0138	0.000	-0.2632	-0.2088		12120	0.2980*	0.0138	0.000	0.2708	0.3252
	12130	-0.2230*	0.0138	0.000	-0.2602	-0.2058		12130	0.3010*	0.0138	0.000	0.2738	0.3282
	12131	-0.3370*	0.0138	0.000	-0.3642	-0.3098		12131	0.1970*	0.0138	0.000	0.1698	0.2242
	12134	-0.3320*	0.0138	0.000	-0.3592	-0.3048		12134	0.2020*	0.0138	0.000	0.1748	0.2292
	12140	-0.2690*	0.0138	0.000	-0.2962	-0.2418		12140	0.2650*	0.0138	0.000	0.2378	0.2922
	12150	-0.0790*	0.0138	0.000	-0.1062	-0.0518		12150	0.4550*	0.0138	0.000	0.4278	0.4822
	12210	-0.5360*	0.0138	0.000	-0.5632	-0.5088		12210	-0.0020	0.0138	0.885	-0.0292	0.0252
	13110	-0.5150*	0.0138	0.000	-0.5422	-0.4878		13110	0.0190	0.0138	0.170	-0.0082	0.0462
	14110	-0.4440*	0.0138	0.000	-0.4712	-0.4168		14110	0.0900*	0.0138	0.000	0.0628	0.1172
	20000	-0.1580*	0.0138	0.000	-0.1852	-0.1308		20000	0.3760*	0.0138	0.000	0.3488	0.4032
	21110	-0.4750*	0.0138	0.000	-0.5022	-0.4478		21110	0.0590*	0.0138	0.000	0.0318	0.0862
	22110	-0.4710*	0.0138	0.000	-0.4982	-0.4438		22110	0.0630*	0.0138	0.000	0.0358	0.0902
	22120	-0.3490*	0.0138	0.000	-0.3762	-0.3218		22120	0.1650*	0.0138	0.000	0.1578	0.2122
	22130	-0.4050*	0.0138	0.000	-0.4322	-0.3778		22130	0.1290*	0.0138	0.000	0.1018	0.1562
	22140	-0.3260*	0.0138	0.000	-0.3532	-0.2988		22140	0.2090*	0.0138	0.000	0.1808	0.2352
	22150	-0.2090*	0.0138	0.000	-0.2362	-0.1808		22150	0.3280*	0.0138	0.000	0.2998	0.3532
	22210	-0.4570*	0.0138	0.000	-0.4842	-0.4298		22210	0.0770*	0.0138	0.000	0.0498	0.1042
	23110	-0.4370*	0.0138	0.000	-0.4642	-0.4098		23110	0.0970*	0.0138	0.000	0.0698	0.1242
	24110	-0.5350*	0.0138	0.000	-0.5622	-0.5078		24110	-0.0010	0.0138	0.942	-0.0282	0.0262
	31110	-0.6420*	0.0138	0.000	-0.6692	-0.6148		31110	-0.1090*	0.0138	0.000	-0.1352	-0.0808
	90000	-0.5120*	0.0138	0.000	-0.5392	-0.4848		90000	0.0220	0.0138	0.112	-0.0052	0.0492
11110	10000	0.4850*	0.0138	0.000	0.4578	0.5122	12120	10000	0.2360*	0.0138	0.000	0.2088	0.2632
	12110	-0.0490*	0.0138	0.000	-0.0762	-0.0218		11110	-0.2490*	0.0138	0.000	-0.2762	-0.2218
	12120	0.2190*	0.0138	0.000	0.2218	0.2762		12110	-0.2980*	0.0138	0.000	-0.3252	-0.2708
	12130	0.2520*	0.0138	0.000	0.2248	0.2792		12130	0.0030	0.0138	0.828	-0.0242	0.0302
	12131	0.1480*	0.0138	0.000	0.1208	0.1752		12131	-0.1010*	0.0138	0.000	-0.1282	-0.0738
	12134	0.1530*	0.0138	0.000	0.1258	0.1802		12134	-0.0960*	0.0138	0.000	-0.1232	-0.0688
	12140	0.2160*	0.0138	0.000	0.1888	0.2432		12140	-0.0330*	0.0138	0.018	-0.0602	-0.0058
	12150	0.4060*	0.0138	0.000	0.3788	0.4332		12150	0.1570*	0.0138	0.000	0.1298	0.1842
	12210	-0.0510*	0.0138	0.000	-0.0782	-0.0238		12210	-0.3000*	0.0138	0.000	-0.3272	-0.2728
	13110	-0.0300*	0.0138	0.031	-0.0572	-0.0028		13110	-0.2790*	0.0138	0.000	-0.3062	-0.2518
	14110	0.0410*	0.0138	0.003	0.0138	0.0682		14110	-0.2090*	0.0138	0.000	-0.2362	-0.1808
	20000	0.3270*	0.0138	0.000	0.2998	0.3542		20000	0.0780*	0.0138	0.000	0.0508	0.1052
	21110	0.0100	0.0138	0.469	-0.0172	0.0372		21110	-0.2390*	0.0138	0.000	-0.2662	-0.2118
	22110	0.0140	0.0138	0.311	-0.0132	0.0412		22110	-0.2250*	0.0138	0.000	-0.2522	-0.2078
	22120	0.1360*	0.0138	0.000	0.1088	0.1632		22120	-0.1130*	0.0138	0.000	-0.1402	-0.0858
	22130	0.0800*	0.0138	0.000	0.0528	0.1072		22130	-0.1690*	0.0138	0.000	-0.1962	-0.1418
	22140	0.1590*	0.0138	0.000	0.1318	0.1862		22140	-0.0900*	0.0138	0.000	-0.1172	-0.0628
	22150	0.2770*	0.0138	0.000	0.2498	0.3042		22150	0.0280*	0.0138	0.043	0.0008	0.0562
	22210	0.0280*	0.0138	0.043	0.0008	0.0552		22210	-0.2210*	0.0138	0.000	-0.2482	-0.1938
	23110	0.0480*	0.0138	0.001	0.0208	0.0752		23110	-0.2010*	0.0138	0.000	-0.2282	-0.1738
	24110	-0.0500*	0.0138	0.000	-0.0772	-0.0228		24110	-0.2990*	0.0138	0.000	-0.3262	-0.2718
	31110	-0.1570*	0.0138	0.000	-0.1842	-0.1298		31110	-0.4090*	0.0138	0.000	-0.4332	-0.3788
	90000	-0.0270	0.0138	0.051	-0.0542	0.0002		90000	-0.2760*	0.0138	0.000	-0.3032	-0.2488

den Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					12130	10000						0.2330*	0.0136
	11110	-0.2520*	0.0136	0.000	-0.2702	-0.2248		11110	-0.1480*	0.0136	0.000	-0.1752	-0.1208
	12110	-0.3010*	0.0136	0.000	-0.3282	-0.2738		12110	-0.1970*	0.0136	0.000	-0.2242	-0.1698
	12120	-0.0030	0.0136	0.828	-0.0302	0.0242		12120	0.1010*	0.0136	0.000	0.0736	0.1282
	12131	-0.1040*	0.0136	0.000	-0.1312	-0.0768		12130	0.1040*	0.0136	0.000	0.0768	0.1312
	12134	-0.0990*	0.0136	0.000	-0.1262	-0.0718		12134	0.0050	0.0136	0.717	-0.0222	0.0322
	12140	-0.0360*	0.0136	0.010	-0.0632	-0.0088		12140	0.0680*	0.0136	0.000	0.0406	0.0952
	12150	0.1540*	0.0136	0.000	0.1268	0.1812		12150	0.2580*	0.0136	0.000	0.2306	0.2852
	12210	-0.3030*	0.0136	0.000	-0.3302	-0.2758		12210	-0.1990*	0.0136	0.000	-0.2262	-0.1716
	13110	-0.2820*	0.0136	0.000	-0.3092	-0.2548		13110	-0.1780*	0.0136	0.000	-0.2052	-0.1508
	14110	-0.2110*	0.0136	0.000	-0.2382	-0.1838		14110	-0.1070*	0.0136	0.000	-0.1342	-0.0798
	20000	0.0750*	0.0136	0.000	0.0478	0.1022		20000	0.1790*	0.0136	0.000	0.1516	0.2062
	21110	-0.2420*	0.0136	0.000	-0.2692	-0.2148		21110	-0.1380*	0.0136	0.000	-0.1652	-0.1108
	22110	-0.2380*	0.0136	0.000	-0.2652	-0.2108		22110	-0.1340*	0.0136	0.000	-0.1612	-0.1068
	22120	-0.1180*	0.0136	0.000	-0.1452	-0.0908		22120	-0.0120	0.0136	0.385	-0.0392	0.0152
	22130	-0.1720*	0.0136	0.000	-0.1992	-0.1448		22130	-0.0690*	0.0136	0.000	-0.0962	-0.0408
	22140	-0.0930*	0.0136	0.000	-0.1202	-0.0658		22140	0.0110	0.0136	0.426	-0.0162	0.0382
	22150	0.0250	0.0136	0.071	-0.0022	0.0522		22150	0.1290*	0.0136	0.000	0.1016	0.1562
	22210	-0.2240*	0.0136	0.000	-0.2512	-0.1968		22210	-0.1200*	0.0136	0.000	-0.1472	-0.0928
	23110	-0.2040*	0.0136	0.000	-0.2312	-0.1768		23110	-0.1000*	0.0136	0.000	-0.1272	-0.0728
	24110	-0.3020*	0.0136	0.000	-0.3292	-0.2748		24110	-0.1980*	0.0136	0.000	-0.2252	-0.1708
	31110	-0.4090*	0.0136	0.000	-0.4362	-0.3818		31110	-0.3050*	0.0136	0.000	-0.3322	-0.2778
	90000	-0.2790*	0.0136	0.000	-0.3062	-0.2518		90000	-0.1750*	0.0136	0.000	-0.2022	-0.1478
12134	10000	0.3320*	0.0136	0.000	0.3048	0.3592	12210	10000	0.5360*	0.0136	0.000	0.5088	0.5632
	11110	-0.1530*	0.0136	0.000	-0.1802	-0.1258		11110	0.0510*	0.0136	0.000	0.0236	0.0782
	12110	-0.2020*	0.0136	0.000	-0.2292	-0.1748		12110	0.0020*	0.0136	0.885	-0.0252	0.0292
	12120	0.0960*	0.0136	0.000	0.0688	0.1232		12120	0.3000*	0.0136	0.000	0.2728	0.3272
	12130	0.0990*	0.0136	0.000	0.0718	0.1262		12130	0.3030*	0.0136	0.000	0.2758	0.3302
	12131	-0.0050	0.0136	0.717	-0.0322	0.0222		12131	0.1990*	0.0136	0.000	0.1716	0.2262
	12140	0.0830*	0.0136	0.000	0.0558	0.0902		12134	0.2040*	0.0136	0.000	0.1768	0.2312
	12150	0.2530*	0.0136	0.000	0.2258	0.2802		12140	0.2670*	0.0136	0.000	0.2396	0.2942
	12210	-0.2040*	0.0136	0.000	-0.2312	-0.1768		12150	0.4570*	0.0136	0.000	0.4296	0.4842
	13110	-0.1830*	0.0136	0.000	-0.2102	-0.1558		13110	0.0210	0.0136	0.129	-0.0062	0.0482
	14110	-0.1120*	0.0136	0.000	-0.1392	-0.0848		14110	0.0920*	0.0136	0.000	0.0648	0.1192
	20000	0.1740*	0.0136	0.000	0.1468	0.2012		20000	0.3780*	0.0136	0.000	0.3508	0.4052
	21110	-0.1430*	0.0136	0.000	-0.1702	-0.1158		21110	0.0610*	0.0136	0.000	0.0336	0.0882
	22110	-0.1390*	0.0136	0.000	-0.1662	-0.1118		22110	0.0650*	0.0136	0.000	0.0378	0.0922
	22120	-0.0170	0.0136	0.219	-0.0442	0.0102		22120	0.1870*	0.0136	0.000	0.1596	0.2142
	22130	-0.0730*	0.0136	0.000	-0.1002	-0.0458		22130	0.1310*	0.0136	0.000	0.1036	0.1582
	22140	0.0080	0.0136	0.664	-0.0212	0.0332		22140	0.2100*	0.0136	0.000	0.1826	0.2372
	22150	0.1240*	0.0136	0.000	0.0968	0.1512		22150	0.3280*	0.0136	0.000	0.3008	0.3552
	22210	-0.1250*	0.0136	0.000	-0.1522	-0.0978		22210	0.0790*	0.0136	0.000	0.0516	0.1062
	23110	-0.1050*	0.0136	0.000	-0.1322	-0.0778		23110	0.0990*	0.0136	0.000	0.0718	0.1262
	24110	-0.2030*	0.0136	0.000	-0.2302	-0.1758		24110	0.0010	0.0136	0.942	-0.0262	0.0282
	31110	-0.3100*	0.0136	0.000	-0.3372	-0.2828		31110	-0.1080*	0.0136	0.000	-0.1332	-0.0788
	90000	-0.1800*	0.0136	0.000	-0.2072	-0.1528		90000	0.0240	0.0136	0.083	-0.0032	0.0512

den Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					12140	10000						0.2690*	0.0138
	11110	-0.2160*	0.0138	0.000	-0.2432	-0.1888		11110	0.0300*	0.0138	0.031	0.0028	0.0572
	12110	-0.2650*	0.0138	0.000	-0.2922	-0.2378		12110	-0.0190	0.0138	0.170	-0.0462	0.0092
	12120	0.0330*	0.0138	0.018	0.0058	0.0602		12120	0.2790*	0.0138	0.000	0.2518	0.3062
	12130	0.0360*	0.0138	0.010	0.0088	0.0632		12130	0.2620*	0.0138	0.000	0.2548	0.3092
	12131	-0.0680*	0.0138	0.000	-0.0952	-0.0408		12131	0.1780*	0.0138	0.000	0.1508	0.2052
	12134	-0.0630*	0.0138	0.000	-0.0902	-0.0358		12134	0.1630*	0.0138	0.000	0.1558	0.2102
	12150	0.1900*	0.0138	0.000	0.1628	0.2172		12140	0.2460*	0.0138	0.000	0.2188	0.2732
	12210	-0.2670*	0.0138	0.000	-0.2942	-0.2398		12150	0.4360*	0.0138	0.000	0.4028	0.4632
	13110	-0.2460*	0.0138	0.000	-0.2732	-0.2188		12210	-0.0210	0.0138	0.129	-0.0482	0.0062
	14110	-0.1750*	0.0138	0.000	-0.2022	-0.1478		14110	0.0710*	0.0138	0.000	0.0438	0.0982
	20000	0.1110*	0.0138	0.000	0.0838	0.1382		20000	0.3570*	0.0138	0.000	0.3298	0.3842
	21110	-0.2080*	0.0138	0.000	-0.2332	-0.1788		21110	0.0400*	0.0138	0.004	0.0128	0.0672
	22110	-0.2020*	0.0138	0.000	-0.2292	-0.1748		22110	0.0440*	0.0138	0.002	0.0168	0.0712
	22120	-0.0800*	0.0138	0.000	-0.1072	-0.0528		22120	0.1660*	0.0138	0.000	0.1388	0.1932
	22130	-0.1360*	0.0138	0.000	-0.1632	-0.1088		22130	0.1100*	0.0138	0.000	0.0828	0.1372
	22140	-0.0570*	0.0138	0.000	-0.0842	-0.0298		22140	0.1890*	0.0138	0.000	0.1618	0.2162
	22150	0.0610*	0.0138	0.000	0.0338	0.0682		22150	0.3070*	0.0138	0.000	0.2798	0.3342
	22210	-0.1880*	0.0138	0.000	-0.2152	-0.1608		22210	0.0580*	0.0138	0.000	0.0308	0.0852
	23110	-0.1880*	0.0138	0.000	-0.1952	-0.1408		23110	0.0780*	0.0138	0.000	0.0508	0.1052
	24110	-0.2860*	0.0138	0.000	-0.2932	-0.2388		24110	-0.0200	0.0138	0.148	-0.0472	0.0072
	31110	-0.3750*	0.0138	0.000	-0.4002	-0.3458		31110	-0.1270*	0.0138	0.000	-0.1542	-0.0998
	90000	-0.2430*	0.0138	0.000	-0.2702	-0.2158		90000	0.0030	0.0138	0.828	-0.0242	0.0302
12150	10000	0.0780*	0.0138	0.000	0.0518	0.1062	14110	10000	0.4440*	0.0138	0.000	0.4168	0.4712
	11110	-0.4060*	0.0138	0.000	-0.4332	-0.3788		11110	-0.0410*	0.0138	0.003	-0.0682	-0.0138
	12110	-0.4550*	0.0138	0.000	-0.4822	-0.4278		12110	-0.0800*	0.0138	0.000	-0.1172	-0.0628
	12120	-0.1570*	0.0138	0.000	-0.1842	-0.1298		12120	0.2080*	0.0138	0.000	0.1808	0.2352
	12130	-0.1540*	0.0138	0.000	-0.1812	-0.1268		12130	0.2110*	0.0138	0.000	0.1838	0.2382
	12131	-0.2580*	0.0138	0.000	-0.2852	-0.2308		12131	0.1070*	0.0138	0.000	0.0798	0.1342
	12134	-0.2530*	0.0138	0.000	-0.2802	-0.2258		12134	0.1120*	0.0138	0.000	0.0848	0.1392
	12140	-0.1900*	0.0138	0.000	-0.2172	-0.1628		12140	0.1750*	0.0138	0.000	0.1478	0.2022
	12210	-0.4570*	0.0138	0.000	-0.4842	-0.4298		12150	0.3650*	0.0138	0.000	0.3378	0.3922
	13110	-0.4360*	0.0138	0.000	-0.4632	-0.4088		12210	-0.0920*	0.0138	0.000	-0.1192	-0.0648
	14110	-0.3650*	0.0138	0.000	-0.3922	-0.3378		13110	-0.0710*	0.0138	0.000	-0.0982	-0.0438
	20000	-0.0790*	0.0138	0.000	-0.1062	-0.0518		20000	0.2880*	0.0138	0.000	0.2588	0.3132
	21110	-0.3960*	0.0138	0.000	-0.4232	-0.3688		21110	-0.0310*	0.0138	0.028	-0.0582	-0.0038
	22110	-0.3920*	0.0138	0.000	-0.4192	-0.3648		22110	-0.0270	0.0138	0.051	-0.0542	0.0002
	22120	-0.2700*	0.0138	0.000	-0.2972	-0.2428		22120	0.0950*	0.0138	0.000	0.0678	0.1222
	22130	-0.3280*	0.0138	0.000	-0.3552	-0.2998		22130	0.0300*	0.0138	0.006	0.0118	0.0092
	22140	-0.2470*	0.0138	0.000	-0.2742	-0.2198		22140	0.1180*	0.0138	0.000	0.0908	0.1452
	22150	-0.1290*	0.0138	0.000	-0.1562	-0.1018		22150	0.2360*	0.0138	0.000	0.2088	0.2632
	22210	-0.3780*	0.0138	0.000	-0.4052	-0.3508		22210	-0.0130	0.0138	0.347	-0.0402	0.0142
	23110	-0.3580*	0.0138	0.000	-0.3852	-0.3308		23110	0.0070	0.0138	0.612	-0.0202	0.0342
	24110	-0.4560*	0.0138	0.000	-0.4832	-0.4288		24110	-0.0910*	0.0138	0.000	-0.1182	-0.0638
	31110	-0.5630*	0.0138	0.000	-0.5902	-0.5358		31110	-0.1980*	0.0138	0.000	-0.2252	-0.1708
	90000	-0.4330*	0.0138	0.000	-0.4602	-0.4058		90000	-0.0680*	0.0138	0.000	-0.0952	-0.0408

den Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					20000	10000						0.1580*	0.0138
	11110	-0.3270*	0.0138	0.000	-0.3542	-0.2998		11110	-0.1360*	0.0138	0.000	-0.1632	-0.1088
	12110	-0.3760*	0.0138	0.000	-0.4032	-0.3488		12110	-0.1850*	0.0138	0.000	-0.2122	-0.1578
	12120	-0.0780*	0.0138	0.000	-0.1052	-0.0508		12120	0.1130*	0.0138	0.000	0.0658	0.1402
	12130	-0.0750*	0.0138	0.000	-0.1022	-0.0478		12130	0.1160*	0.0138	0.000	0.0888	0.1432
	12131	-0.1790*	0.0138	0.000	-0.2062	-0.1518		12131	0.0120	0.0138	0.385	-0.0152	0.0392
	12134	-0.1740*	0.0138	0.000	-0.2012	-0.1468		12134	0.0170	0.0138	0.219	-0.0102	0.0442
	12140	-0.1110*	0.0138	0.000	-0.1382	-0.0838		12140	0.0800*	0.0138	0.000	0.0528	0.1072
	12150	0.0790*	0.0138	0.000	0.0518	0.1062		12150	0.2700*	0.0138	0.000	0.2428	0.2972
	12210	-0.3780*	0.0138	0.000	-0.4052	-0.3508		12210	-0.1670*	0.0138	0.000	-0.2142	-0.1598
	13110	-0.3570*	0.0138	0.000	-0.3842	-0.3298		13110	-0.1660*	0.0138	0.000	-0.1932	-0.1388
	14110	-0.2880*	0.0138	0.000	-0.3152	-0.2588		14110	-0.0650*	0.0138	0.000	-0.1222	-0.0678
	21110	-0.3170*	0.0138	0.000	-0.3442	-0.2898		20000	0.1910*	0.0138	0.000	0.1638	0.2182
	22110	-0.3130*	0.0138	0.000	-0.3402	-0.2858		21110	-0.1260*	0.0138	0.000	-0.1532	-0.0988
	22120	-0.1910*	0.0138	0.000	-0.2182	-0.1638		22110	-0.1220*	0.0138	0.000	-0.1492	-0.0948
	22130	-0.2470*	0.0138	0.000	-0.2742	-0.2198		22130	-0.0580*	0.0138	0.000	-0.0832	-0.0288
	22140	-0.1680*	0.0138	0.000	-0.1952	-0.1408		22140	0.0230	0.0138	0.097	-0.0042	0.0502
	22150	-0.0500*	0.0138	0.000	-0.0772	-0.0228		22150	0.1410*	0.0138	0.000	0.1138	0.1682
	22210	-0.2990*	0.0138	0.000	-0.3262	-0.2718		22210	-0.1080*	0.0138	0.000	-0.1352	-0.0808
	23110	-0.2790*	0.0138	0.000	-0.3062	-0.2518		23110	-0.0860*	0.0138	0.000	-0.1152	-0.0608
	24110	-0.3770*	0.0138	0.000	-0.4042	-0.3498		24110	-0.1860*	0.0138	0.000	-0.2132	-0.1588
	31110	-0.4840*	0.0138	0.000	-0.5112	-0.4568		31110	-0.2930*	0.0138	0.000	-0.3202	-0.2658
	90000	-0.3540*	0.0138	0.000	-0.3812	-0.3268		90000	-0.1630*	0.0138	0.000	-0.1902	-0.1358
21110	10000	0.4750*	0.0138	0.000	0.4473	0.5022	22130	10000	0.4050*	0.0138	0.000	0.3778	0.4322
	11110	-0.0100	0.0138	0.469	-0.0372	0.0172		11110	-0.0800*	0.0138	0.000	-0.1072	-0.0528
	12110	-0.0590*	0.0138	0.000	-0.0862	-0.0318		12110	-0.1290*	0.0138	0.000	-0.1562	-0.1018
	12120	0.2390*	0.0138	0.000	0.2118	0.2662		12120	0.1690*	0.0138	0.000	0.1418	0.1962
	12130	0.2420*	0.0138	0.000	0.2148	0.2692		12130	0.1720*	0.0138	0.000	0.1448	0.1992
	12131	0.1380*	0.0138	0.000	0.1108	0.1652		12131	0.0680*	0.0138	0.000	0.0408	0.0952
	12134	0.1430*	0.0138	0.000	0.1158	0.1702		12134	0.0730*	0.0138	0.000	0.0458	0.1002
	12140	0.2080*	0.0138	0.000	0.1788	0.2332		12140	0.1360*	0.0138	0.000	0.1088	0.1832
	12150	0.3980*	0.0138	0.000	0.3688	0.4272		12150	0.3280*	0.0138	0.000	0.2988	0.3532
	12210	-0.0810*	0.0138	0.000	-0.0882	-0.0338		12210	-0.1310*	0.0138	0.000	-0.1582	-0.1038
	13110	-0.0400*	0.0138	0.004	-0.0672	-0.0128		13110	-0.1100*	0.0138	0.000	-0.1372	-0.0828
	14110	0.0310*	0.0138	0.026	0.0038	0.0582		14110	-0.0390*	0.0138	0.005	-0.0862	-0.0118
	20000	0.3170*	0.0138	0.000	0.2898	0.3442		20000	0.2470*	0.0138	0.000	0.2198	0.2742
	22110	0.0040*	0.0138	0.772	-0.0232	0.0312		21110	-0.0700*	0.0138	0.000	-0.0972	-0.0428
	22120	0.1280*	0.0138	0.000	0.0988	0.1532		22110	-0.0690*	0.0138	0.000	-0.0932	-0.0388
	22130	0.0700*	0.0138	0.000	0.0426	0.0972		22130	0.0560*	0.0138	0.000	0.0288	0.0832
	22140	0.1490*	0.0138	0.000	0.1216	0.1762		22140	0.0790*	0.0138	0.000	0.0518	0.1062
	22150	0.2670*	0.0138	0.000	0.2388	0.2942		22150	0.1970*	0.0138	0.000	0.1698	0.2242
	22210	0.0180	0.0138	0.193	-0.0092	0.0452		22210	-0.0520*	0.0138	0.000	-0.0792	-0.0248
	23110	0.0380*	0.0138	0.006	0.0108	0.0652		23110	-0.0320*	0.0138	0.021	-0.0592	-0.0048
	24110	0.0800*	0.0138	0.000	-0.0672	-0.0328		24110	-0.1300*	0.0138	0.000	-0.1572	-0.1028
	31110	-0.1670*	0.0138	0.000	-0.1942	-0.1398		31110	-0.2370*	0.0138	0.000	-0.2642	-0.2098
	90000	-0.0370*	0.0138	0.008	-0.0642	-0.0098		90000	-0.1070*	0.0138	0.000	-0.1342	-0.0798

den Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					22110	10000						0.4710*	0.0138
	11110	-0.0140	0.0138	0.311	-0.0412	0.0132		11110	-0.1580*	0.0138	0.000	-0.1862	-0.1318
	12110	-0.0630*	0.0138	0.000	-0.0902	-0.0358		12110	-0.2080*	0.0138	0.000	-0.2352	-0.1808
	12120	0.2350*	0.0138	0.000	0.2078	0.2622		12120	0.0900*	0.0138	0.000	0.0628	0.1172
	12130	0.2380*	0.0138	0.000	0.2108	0.2652		12130	0.0830*	0.0138	0.000	0.0658	0.1202
	12131	0.1340*	0.0138	0.000	0.1068	0.1612		12131	-0.0110	0.0138	0.426	-0.0382	0.0162
	12134	0.1390*	0.0138	0.000	0.1118	0.1682		12134	-0.0060	0.0138	0.664	-0.0332	0.0212
	12140	0.2020*	0.0138	0.000	0.1748	0.2292		12140	0.0570*	0.0138	0.000	0.0298	0.0842
	12150	0.3620*	0.0138	0.000	0.3648	0.4192		12150	0.2470*	0.0138	0.000	0.2198	0.2742
	12210	-0.0650*	0.0138	0.000	-0.0922	-0.0378		12210	-0.2100*	0.0138	0.000	-0.2372	-0.1828
	13110	-0.0440*	0.0138	0.002	-0.0712	-0.0168		13110	-0.1890*	0.0138	0.000	-0.2162	-0.1618
	14110	0.0270	0.0138	0.051	-0.0002	0.0542		14110	-0.1180*	0.0138	0.000	-0.1452	-0.0908
	20000	0.3130*	0.0138	0.000	0.2858	0.3402		20000	0.1680*	0.0138	0.000	0.1408	0.1952
	21110	-0.0040	0.0138	0.772	-0.0312	0.0232		21110	-0.1490*	0.0138	0.000	-0.1762	-0.1218
	22120	0.1220*	0.0138	0.000	0.0948	0.1492		22110	-0.1450*	0.0138	0.000	-0.1722	-0.1178
	22130	0.0660*	0.0138	0.000	0.0388	0.0932		22120	-0.0230	0.0138	0.097	-0.0502	0.0042
	22140	0.1450*	0.0138	0.000	0.1178	0.1722		22130	-0.0790*	0.0138	0.000	-0.1062	-0.0518
	22150	0.2630*	0.0138	0.000	0.2358	0.2902		22150	0.1180*	0.0138	0.000	0.0908	0.1452
	22210	0.0140	0.0138	0.311	-0.0132	0.0412		22210	-0.1310*	0.0138	0.000	-0.1582	-0.1038
	23110	0.0340*	0.0138	0.014	0.0068	0.0612		23110	-0.1110*	0.0138	0.000	-0.1382	-0.0838
	24110	-0.0640*	0.0138	0.000	-0.0912	-0.0368		24110	-0.2090*	0.0138	0.000	-0.2362	-0.1818
	31110	-0.1710*	0.0138	0.000	-0.1982	-0.1438		31110	-0.3160*	0.0138	0.000	-0.3432	-0.2888
	90000	-0.0410*	0.0138	0.003	-0.0682	-0.0138		90000	-0.1890*	0.0138	0.000	-0.2162	-0.1618
22150	10000	0.2080*	0.0138	0.000	0.1808	0.2352	24110	10000	0.5350*	0.0138	0.000	0.5078	0.5622
	11110	-0.2770*	0.0138	0.000	-0.3042	-0.2498		11110	0.0500*	0.0138	0.000	0.0228	0.0772
	12110	-0.3280*	0.0138	0.000	-0.3532	-0.2988		12110	0.0010	0.0138	0.942	-0.0262	0.0282
	12120	-0.0280*	0.0138	0.043	-0.0552	-0.0008		12120	0.2980*	0.0138	0.000	0.2718	0.3252
	12130	-0.0250	0.0138	0.071	-0.0522	0.0022		12130	0.2520*	0.0138	0.000	0.2248	0.3292
	12131	-0.1290*	0.0138	0.000	-0.1562	-0.1018		12131	0.1980*	0.0138	0.000	0.1708	0.2252
	12134	-0.1240*	0.0138	0.000	-0.1512	-0.0968		12134	0.2030*	0.0138	0.000	0.1758	0.2302
	12140	-0.0810*	0.0138	0.000	-0.0982	-0.0338		12140	0.2860*	0.0138	0.000	0.2388	0.2932
	12150	0.1280*	0.0138	0.000	0.1018	0.1562		12150	0.4560*	0.0138	0.000	0.4288	0.4832
	12210	-0.3280*	0.0138	0.000	-0.3552	-0.3008		12210	-0.0010	0.0138	0.942	-0.0282	0.0262
	13110	-0.3070*	0.0138	0.000	-0.3342	-0.2798		13110	0.0200	0.0138	0.148	-0.0072	0.0472
	14110	-0.2360*	0.0138	0.000	-0.2632	-0.2088		14110	0.0910*	0.0138	0.000	0.0638	0.1182
	20000	0.0500*	0.0138	0.000	0.0228	0.0772		20000	0.3770*	0.0138	0.000	0.3498	0.4042
	21110	-0.2870*	0.0138	0.000	-0.2942	-0.2398		21110	0.0600*	0.0138	0.000	0.0328	0.0872
	22110	-0.2830*	0.0138	0.000	-0.2902	-0.2358		22110	0.0840*	0.0138	0.000	0.0398	0.0912
	22120	-0.1410*	0.0138	0.000	-0.1682	-0.1138		22120	0.1680*	0.0138	0.000	0.1588	0.2132
	22130	-0.1970*	0.0138	0.000	-0.2242	-0.1698		22130	0.1300*	0.0138	0.000	0.1028	0.1572
	22140	-0.1180*	0.0138	0.000	-0.1452	-0.0908		22140	0.2090*	0.0138	0.000	0.1818	0.2362
	22210	-0.2480*	0.0138	0.000	-0.2762	-0.2218		22150	0.3270*	0.0138	0.000	0.2988	0.3542
	23110	-0.2290*	0.0138	0.000	-0.2562	-0.2018		22210	0.0780*	0.0138	0.000	0.0508	0.1052
	24110	-0.3270*	0.0138	0.000	-0.3542	-0.2998		23110	0.0980*	0.0138	0.000	0.0708	0.1252
	31110	-0.4340*	0.0138	0.000	-0.4612	-0.4068		31110	-0.1070*	0.0138	0.000	-0.1342	-0.0798
	90000	-0.3040*	0.0138	0.000	-0.3312	-0.2768		90000	0.0230	0.0138	0.097	-0.0042	0.0502

den Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					22210	10000						0.4570*	0.0138
	11110	-0.0280*	0.0138	0.043	-0.0552	-0.0008		11110	0.1570*	0.0138	0.000	0.1298	0.1842
	12110	-0.0770*	0.0138	0.000	-0.1042	-0.0498		12110	0.1080*	0.0138	0.000	0.0808	0.1352
	12120	0.2210*	0.0138	0.000	0.1938	0.2482		12120	0.4080*	0.0138	0.000	0.3788	0.4332
	12130	0.2240*	0.0138	0.000	0.1968	0.2512		12130	0.4090*	0.0138	0.000	0.3818	0.4362
	12131	0.1200*	0.0138	0.000	0.0928	0.1472		12131	0.3050*	0.0138	0.000	0.2778	0.3322
	12134	0.1250*	0.0138	0.000	0.0978	0.1522		12134	0.3100*	0.0138	0.000	0.2828	0.3372
	12140	0.1880*	0.0138	0.000	0.1608	0.2152		12140	0.3730*	0.0138	0.000	0.3458	0.4002
	12150	0.3780*	0.0138	0.000	0.3508	0.4052		12150	0.5630*	0.0138	0.000	0.5368	0.5902
	12210	-0.0790*	0.0138	0.000	-0.1052	-0.0518		12210	0.1060*	0.0138	0.000	0.0788	0.1332
	13110	-0.0580*	0.0138	0.000	-0.0852	-0.0308		13110	0.1270*	0.0138	0.000	0.0998	0.1542
	14110	0.0130	0.0138	0.347	-0.0142	0.0402		14110	0.1980*	0.0138	0.000	0.1708	0.2252
	20000	0.2960*	0.0138	0.000	0.2718	0.3202		20000	0.4840*	0.0138	0.000	0.4568	0.5112
	21110	-0.0180	0.0138	0.193	-0.0452	0.0092		21110	0.1670*	0.0138	0.000	0.1398	0.1942
	22110	-0.0140	0.0138	0.311	-0.0412	0.0132		22110	0.1710*	0.0138	0.000	0.1438	0.1982
	22120	0.1080*	0.0138	0.000	0.0808	0.1352		22120	0.2930*	0.0138	0.000	0.2658	0.3202
	22130	0.0520*	0.0138	0.000	0.0248	0.0792		22130	0.2370*	0.0138	0.000	0.2098	0.2642
	22140	0.1310*	0.0138	0.000	0.1038	0.1582		22140	0.3160*	0.0138	0.000	0.2888	0.3432
	22150	0.2480*	0.0138	0.000	0.2218	0.2752		22150	0.4340*	0.0138	0.000	0.4068	0.4612
	23110	0.0200	0.0138	0.148	-0.0072	0.0472		22210	0.1850*	0.0138	0.000	0.1578	0.2122
	24110	-0.0780*	0.0138	0.000	-0.1052	-0.0508		23110	0.2050*	0.0138	0.000	0.1778	0.2322
	31110	-0.1850*	0.0138	0.000	-0.2122	-0.1578		24110	0.1070*	0.0138	0.000	0.0798	0.1342
	90000	-0.0550*	0.0138	0.000	-0.0822	-0.0278		90000	0.1300*	0.0138	0.000	0.1028	0.1572
23110	10000	0.4370*	0.0138	0.000	0.4098	0.4642	90000	10000	0.5120*	0.0138	0.000	0.4848	0.5392
	11110	-0.0480*	0.0138	0.001	-0.0752	-0.0208		11110	0.0270	0.0138	0.051	-0.0002	0.0542
	12110	-0.0870*	0.0138	0.000	-0.1242	-0.0698		12110	-0.0220	0.0138	0.112	-0.0482	0.0052
	12120	0.2010*	0.0138	0.000	0.1738	0.2282		12120	0.2760*	0.0138	0.000	0.2488	0.3032
	12130	0.2040*	0.0138	0.000	0.1768	0.2312		12130	0.2790*	0.0138	0.000	0.2518	0.3062
	12131	0.1000*	0.0138	0.000	0.0728	0.1272		12131	0.1750*	0.0138	0.000	0.1478	0.2022
	12134	0.1050*	0.0138	0.000	0.0778	0.1322		12134	0.1800*	0.0138	0.000	0.1528	0.2072
	12140	0.1680*	0.0138	0.000	0.1408	0.1952		12140	0.2430*	0.0138	0.000	0.2158	0.2702
	12150	0.3580*	0.0138	0.000	0.3308	0.3852		12150	0.4330*	0.0138	0.000	0.4058	0.4602
	12210	-0.0990*	0.0138	0.000	-0.1262	-0.0718		12210	-0.0240	0.0138	0.083	-0.0512	0.0032
	13110	-0.0780*	0.0138	0.000	-0.1052	-0.0508		13110	-0.0030	0.0138	0.628	-0.0302	0.0242
	14110	-0.0070	0.0138	0.612	-0.0342	0.0202		14110	0.0680*	0.0138	0.000	0.0408	0.0952
	20000	0.2790*	0.0138	0.000	0.2518	0.3062		20000	0.3540*	0.0138	0.000	0.3262	0.3812
	21110	-0.0380*	0.0138	0.006	-0.0652	-0.0108		21110	0.0370*	0.0138	0.008	0.0098	0.0642
	22110	-0.0340*	0.0138	0.014	-0.0612	-0.0088		22110	0.0410*	0.0138	0.003	0.0138	0.0682
	22120	0.0630*	0.0138	0.000	0.0408	0.1152		22120	0.1630*	0.0138	0.000	0.1358	0.1902
	22130	0.0320*	0.0138	0.021	0.0048	0.0592		22130	0.1070*	0.0138	0.000	0.0798	0.1342
	22140	0.1110*	0.0138	0.000	0.0838	0.1382		22140	0.1860*	0.0138	0.000	0.1588	0.2132
	22150	0.2290*	0.0138	0.000	0.2018	0.2562		22150	0.3040*	0.0138	0.000	0.2768	0.3312
	22210	-0.0200	0.0138	0.148	-0.0472	0.0072		22210	0.0550*	0.0138	0.000	0.0278	0.0822
	24110	-0.0890*	0.0138	0.000	-0.1252	-0.0708		23110	0.0750*	0.0138	0.000	0.0478	0.1022
	31110	-0.2050*	0.0138	0.000	-0.2322	-0.1778		24110	-0.0230	0.0138	0.087	-0.0502	0.0042
	90000	-0.0750*	0.0138	0.000	-0.1022	-0.0478		31110	-0.1300*	0.0138	0.000	-0.1572	-0.1028

flex Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					10000	11110						-28.21*	2.266
	12110	-33.16*	2.266	0.000	-37.646	-28.714		11110	-21.21*	2.266	0.000	-25.676	-16.744
	12120	-7*	2.266	0.002	-11.466	-2.534		12110	-26.18*	2.266	0.000	-30.646	-21.714
	12130	-2.59	2.266	0.254	-7.056	1.876		12130	4.41	2.266	0.053	-0.056	8.676
	12131	-14.61*	2.266	0.000	-19.076	-10.144		12131	-7.61*	2.266	0.001	-12.076	-3.144
	12134	-14.81*	2.266	0.000	-19.276	-10.344		12134	-7.81*	2.266	0.001	-12.276	-3.344
	12140	-19.55*	2.266	0.000	-24.016	-15.084		12140	-12.55*	2.266	0.000	-17.016	-8.084
	12150	-10.62*	2.266	0.000	-15.086	-6.164		12150	-3.63	2.266	0.111	-8.096	0.836
	12210	-30.61*	2.266	0.000	-35.076	-26.144		12210	-23.61*	2.266	0.000	-28.076	-19.144
	13110	-25.96*	2.266	0.000	-30.446	-21.514		13110	-18.96*	2.266	0.000	-23.446	-14.514
	14110	-22.94*	2.266	0.000	-27.406	-18.474		14110	-15.84*	2.266	0.000	-20.406	-11.474
	20000	-37.12*	2.266	0.000	-41.586	-32.654		20000	-30.12*	2.266	0.000	-34.586	-25.654
	21110	-50.21*	2.266	0.000	-54.676	-45.744		21110	-43.21*	2.266	0.000	-47.676	-38.744
	22110	-50.62*	2.266	0.000	-55.086	-46.154		22110	-43.62*	2.266	0.000	-48.086	-39.154
	22120	-36.83*	2.266	0.000	-40.296	-31.364		22120	-28.83*	2.266	0.000	-33.296	-24.364
	22130	-28.81*	2.266	0.000	-33.276	-24.344		22130	-21.81*	2.266	0.000	-26.276	-17.344
	22140	-48.51*	2.266	0.000	-52.976	-44.044		22140	-41.51*	2.266	0.000	-45.976	-37.044
	22150	-44.71*	2.266	0.000	-49.176	-40.244		22150	-37.71*	2.266	0.000	-42.176	-33.244
	22210	-50.02*	2.266	0.000	-54.486	-45.554		22210	-43.02*	2.266	0.000	-47.486	-38.554
	23110	-51.11*	2.266	0.000	-55.576	-46.644		23110	-44.11*	2.266	0.000	-48.576	-39.644
	24110	-40.01*	2.266	0.000	-44.476	-35.544		24110	-33.01*	2.266	0.000	-37.476	-28.544
	31110	-80.71*	2.266	0.000	-85.176	-76.244		31110	-73.71*	2.266	0.000	-78.176	-69.244
	90000	-76.27*	2.266	0.000	-80.736	-71.804		90000	-69.27*	2.266	0.000	-73.736	-64.804
11110	10000	28.21*	2.266	0.000	23.744	32.676	12130	10000	2.59	2.266	0.254	-1.876	7.056
	12110	-4.97*	2.266	0.029	-9.436	-0.504		11110	-25.62*	2.266	0.000	-30.086	-21.154
	12120	21.21*	2.266	0.000	16.744	25.676		12110	-30.59*	2.266	0.000	-35.056	-26.124
	12130	25.62*	2.266	0.000	21.154	30.086		12120	-4.41	2.266	0.053	-8.876	0.056
	12131	13.6*	2.266	0.000	9.134	18.066		12131	-12.02*	2.266	0.000	-16.486	-7.554
	12134	13.4*	2.266	0.000	8.934	17.866		12134	-12.22*	2.266	0.000	-16.686	-7.754
	12140	8.66*	2.266	0.000	4.194	13.126		12140	-16.96*	2.266	0.000	-21.426	-12.494
	12150	17.58	2.266	0.000	13.114	22.046		12150	-8.04*	2.266	0.000	-12.506	-3.574
	12210	-2.4	2.266	0.291	-6.866	2.066		12210	-28.02*	2.266	0.000	-32.486	-23.554
	13110	2.23	2.266	0.326	-2.236	6.696		13110	-23.39*	2.266	0.000	-27.856	-18.924
	14110	5.27*	2.266	0.021	0.804	9.736		14110	-20.35*	2.266	0.000	-24.816	-15.884
	20000	-8.91*	2.266	0.000	-13.376	-4.444		20000	-34.53*	2.266	0.000	-38.996	-30.064
	21110	-22*	2.266	0.000	-26.466	-17.534		21110	-47.62*	2.266	0.000	-52.086	-43.154
	22110	-22.41*	2.266	0.000	-26.876	-17.944		22110	-48.03*	2.266	0.000	-52.496	-43.564
	22120	-7.62*	2.266	0.001	-12.086	-3.154		22120	-33.24*	2.266	0.000	-37.706	-28.774
	22130	-0.6	2.266	0.791	-5.066	3.866		22130	-26.22*	2.266	0.000	-30.686	-21.754
	22140	-20.3*	2.266	0.000	-24.766	-15.834		22140	-45.92*	2.266	0.000	-50.386	-41.454
	22150	-16.5*	2.266	0.000	-20.966	-12.034		22150	-42.12*	2.266	0.000	-46.586	-37.654
	22210	-21.81*	2.266	0.000	-26.276	-17.344		22210	-47.43*	2.266	0.000	-51.896	-42.964
	23110	-22.9*	2.266	0.000	-27.366	-18.434		23110	-48.52*	2.266	0.000	-52.986	-44.054
	24110	-11.8*	2.266	0.000	-16.266	-7.334		24110	-37.42*	2.266	0.000	-41.886	-32.954
	31110	-52.5*	2.266	0.000	-56.966	-48.034		31110	-78.12*	2.266	0.000	-82.586	-73.654
	90000	-48.06*	2.266	0.000	-52.526	-43.594		90000	-73.68*	2.266	0.000	-78.146	-69.214

flex Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					12110	10000						33.16*	2.266
	11110	4.67*	2.266	0.029	0.504	9.436		11110	-13.6*	2.266	0.000	-18.066	-9.134
	12120	26.18*	2.266	0.000	21.714	30.646		12110	-18.57*	2.266	0.000	-23.036	-14.104
	12130	30.59*	2.266	0.000	26.124	35.056		12120	7.61*	2.266	0.001	3.144	12.076
	12131	18.57*	2.266	0.000	14.104	23.036		12130	12.02*	2.266	0.000	7.554	16.486
	12134	16.37*	2.266	0.000	13.904	22.836		12134	-0.2	2.266	0.930	-4.666	4.266
	12140	13.63*	2.266	0.000	9.164	18.098		12140	-4.94*	2.266	0.030	-9.406	-0.474
	12150	22.55*	2.266	0.000	18.064	27.016		12150	3.86	2.266	0.080	-0.486	8.446
	12210	2.57	2.266	0.258	-1.896	7.036		12210	-16*	2.266	0.000	-20.466	-11.534
	13110	7.2*	2.266	0.002	2.734	11.666		13110	-11.37*	2.266	0.000	-15.636	-6.904
	14110	10.24*	2.266	0.000	5.774	14.706		14110	-6.33*	2.266	0.000	-12.796	-3.864
	20000	-3.94	2.266	0.063	-8.406	0.526		20000	-22.51*	2.266	0.000	-26.876	-18.044
	21110	-17.03*	2.266	0.000	-21.496	-12.564		21110	-35.6*	2.266	0.000	-40.066	-31.134
	22110	-17.44*	2.266	0.000	-21.906	-12.974		22110	-36.01*	2.266	0.000	-40.476	-31.544
	22120	-2.65	2.266	0.243	-7.116	1.816		22120	-21.22*	2.266	0.000	-25.686	-16.754
	22130	4.37	2.266	0.055	-0.096	8.636		22130	-14.2*	2.266	0.000	-18.666	-9.734
	22140	-15.33*	2.266	0.000	-19.796	-10.664		22140	-33.9*	2.266	0.000	-38.366	-29.434
	22150	-11.53*	2.266	0.000	-15.996	-7.064		22150	-30.1*	2.266	0.000	-34.566	-25.634
	22210	-16.84*	2.266	0.000	-21.306	-12.374		22210	-35.41*	2.266	0.000	-39.876	-30.944
	23110	-17.93*	2.266	0.000	-22.396	-13.464		23110	-36.5*	2.266	0.000	-40.966	-32.034
	24110	-6.83*	2.266	0.003	-11.296	-2.364		24110	-25.4*	2.266	0.000	-29.866	-20.934
	31110	-47.53*	2.266	0.000	-51.996	-43.064		31110	-66.1*	2.266	0.000	-70.566	-61.634
	90000	-43.09*	2.266	0.000	-47.556	-38.624		90000	-61.66*	2.266	0.000	-66.126	-57.194
12134	10000	14.81*	2.266	0.000	10.344	19.276	12210	10000	30.61*	2.266	0.000	26.144	35.076
	11110	-13.4*	2.266	0.000	-17.866	-8.934		11110	2.4	2.266	0.291	-2.066	6.866
	12110	-18.37*	2.266	0.000	-22.836	-13.904		12110	-2.57	2.266	0.258	-7.036	1.896
	12120	7.81*	2.266	0.001	3.344	12.276		12120	23.61*	2.266	0.000	19.144	28.076
	12130	12.22*	2.266	0.000	7.754	16.686		12130	26.02*	2.266	0.000	23.554	32.486
	12131	0.2	2.266	0.930	-4.266	4.666		12131	16*	2.266	0.000	11.534	20.486
	12140	-4.74*	2.266	0.038	-9.206	-0.274		12134	15.8*	2.266	0.000	11.334	20.266
	12150	4.18	2.266	0.066	-0.286	8.646		12140	11.06*	2.266	0.000	6.594	15.526
	12210	-15.8*	2.266	0.000	-20.266	-11.334		12150	19.96*	2.266	0.000	15.514	24.446
	13110	-11.17*	2.266	0.000	-15.636	-6.704		13110	4.63	2.266	0.042	0.164	9.096
	14110	-8.13*	2.266	0.000	-12.596	-3.664		14110	7.67*	2.266	0.001	3.204	12.136
	20000	-22.31*	2.266	0.000	-26.776	-17.844		20000	-6.51*	2.266	0.004	-10.876	-2.044
	21110	-35.4*	2.266	0.000	-39.866	-30.934		21110	-19.6*	2.266	0.000	-24.066	-15.134
	22110	-35.81*	2.266	0.000	-40.276	-31.344		22110	-20.01*	2.266	0.000	-24.476	-15.544
	22120	-21.02*	2.266	0.000	-25.486	-16.554		22120	-5.22*	2.266	0.022	-9.686	-0.754
	22130	-14*	2.266	0.000	-18.466	-9.534		22130	1.8	2.266	0.426	-2.666	6.266
	22140	-33.7*	2.266	0.000	-38.166	-29.234		22140	-17.6*	2.266	0.000	-22.366	-13.434
	22150	-29.9*	2.266	0.000	-34.366	-25.434		22150	-14.1*	2.266	0.000	-18.566	-9.634
	22210	-35.21*	2.266	0.000	-39.676	-30.744		22210	-19.41*	2.266	0.000	-23.876	-14.944
	23110	-36.3*	2.266	0.000	-40.766	-31.834		23110	-20.5*	2.266	0.000	-24.866	-16.034
	24110	-25.2*	2.266	0.000	-29.666	-20.734		24110	-9.4*	2.266	0.000	-13.866	-4.934
	31110	-65.9*	2.266	0.000	-70.366	-61.434		31110	-50.1*	2.266	0.000	-54.566	-45.634
	90000	-61.46*	2.266	0.000	-65.926	-56.994		90000	-45.66*	2.266	0.000	-50.126	-41.194

flex Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					12140	10000						19.55*	2.266
	11110	-8.66*	2.266	0.000	-13.126	-4.194		11110	-2.23	2.266	0.326	-6.696	2.236
	12110	-13.63*	2.266	0.000	-18.096	-9.164		12110	-7.2*	2.266	0.002	-11.666	-2.734
	12120	12.55*	2.266	0.000	8.064	17.016		12120	18.96*	2.266	0.000	14.514	23.446
	12130	16.96*	2.266	0.000	12.494	21.426		12130	23.39*	2.266	0.000	18.924	27.856
	12131	4.94*	2.266	0.030	0.474	9.406		12131	11.37*	2.266	0.000	6.904	15.636
	12134	4.74*	2.266	0.038	0.274	9.206		12134	11.17*	2.266	0.000	6.704	15.636
	12150	8.92*	2.266	0.000	4.454	13.396		12140	6.43*	2.266	0.005	1.864	10.896
	12210	-11.06	2.266	0.000	-15.526	-6.594		12150	15.35*	2.266	0.000	10.884	19.816
	13110	-6.43*	2.266	0.005	-10.896	-1.964		12210	-4.63*	2.266	0.042	-9.096	-0.164
	14110	-3.39*	2.266	0.136	-7.856	1.076		14110	3.04	2.266	0.181	-1.426	7.506
	20000	-17.57*	2.266	0.000	-22.036	-13.104		20000	-11.14*	2.266	0.000	-15.606	-6.674
	21110	-30.66*	2.266	0.000	-35.126	-26.194		21110	-24.23*	2.266	0.000	-28.696	-19.764
	22110	-31.07*	2.266	0.000	-35.536	-26.604		22110	-24.64*	2.266	0.000	-29.106	-20.174
	22120	-16.28*	2.266	0.000	-20.746	-11.814		22120	-9.85*	2.266	0.000	-14.316	-5.384
	22130	-9.26*	2.266	0.000	-13.726	-4.794		22130	-2.63	2.266	0.213	-7.296	1.636
	22140	-28.96*	2.266	0.000	-33.426	-24.494		22140	-22.53*	2.266	0.000	-26.996	-18.064
	22150	-25.16*	2.266	0.000	-29.626	-20.694		22150	-18.73*	2.266	0.000	-23.196	-14.264
	22210	-30.47*	2.266	0.000	-34.936	-26.004		22210	-24.04*	2.266	0.000	-28.506	-19.574
	23110	-31.56*	2.266	0.000	-36.026	-27.094		23110	-25.13*	2.266	0.000	-29.596	-20.664
	24110	-20.46*	2.266	0.000	-24.926	-15.994		24110	-14.03*	2.266	0.000	-18.496	-9.564
	31110	-61.16*	2.266	0.000	-65.626	-56.694		31110	-54.73*	2.266	0.000	-59.196	-50.264
	90000	-56.72*	2.266	0.000	-61.186	-52.254		90000	-50.29*	2.266	0.000	-54.756	-45.824
12150	10000	10.63*	2.266	0.000	6.164	15.066	14110	10000	22.94*	2.266	0.000	18.474	27.406
	11110	-17.58*	2.266	0.000	-22.046	-13.114		11110	-5.27*	2.266	0.021	-9.736	-0.804
	12110	-22.55*	2.266	0.000	-27.016	-18.064		12110	-10.24*	2.266	0.000	-14.706	-5.774
	12120	3.63	2.266	0.111	-0.836	8.096		12120	15.94*	2.266	0.000	11.474	20.406
	12130	8.04*	2.266	0.000	3.574	12.506		12130	20.35*	2.266	0.000	15.884	24.816
	12131	-3.98	2.266	0.060	-8.446	0.486		12131	8.33*	2.266	0.000	3.864	12.796
	12134	-4.18	2.266	0.066	-8.646	0.286		12134	8.13*	2.266	0.000	3.664	12.596
	12140	-8.92*	2.266	0.000	-13.386	-4.454		12140	3.39	2.266	0.136	-1.076	7.856
	12210	-19.98*	2.266	0.000	-24.446	-15.514		12150	12.31*	2.266	0.000	7.844	16.776
	13110	-15.35*	2.266	0.000	-19.816	-10.864		12210	-7.67*	2.266	0.001	-12.136	-3.204
	14110	-12.31*	2.266	0.000	-16.776	-7.844		13110	-3.04	2.266	0.181	-7.506	1.426
	20000	-26.49*	2.266	0.000	-30.956	-22.024		20000	-14.16*	2.266	0.000	-18.646	-9.714
	21110	-39.56*	2.266	0.000	-44.046	-35.114		21110	-27.27*	2.266	0.000	-31.736	-22.804
	22110	-39.99*	2.266	0.000	-44.456	-35.524		22110	-27.68*	2.266	0.000	-32.146	-23.214
	22120	-25.2*	2.266	0.000	-29.666	-20.734		22120	-12.89*	2.266	0.000	-17.356	-8.424
	22130	-18.16*	2.266	0.000	-22.646	-13.714		22130	-5.67*	2.266	0.010	-10.336	-1.404
	22140	-37.88*	2.266	0.000	-42.346	-33.414		22140	-25.57*	2.266	0.000	-30.036	-21.104
	22150	-34.08*	2.266	0.000	-38.546	-29.614		22150	-21.77*	2.266	0.000	-26.236	-17.304
	22210	-39.39*	2.266	0.000	-43.856	-34.924		22210	-27.08*	2.266	0.000	-31.546	-22.614
	23110	-40.48*	2.266	0.000	-44.946	-36.014		23110	-28.17*	2.266	0.000	-32.636	-23.704
	24110	-29.36*	2.266	0.000	-33.846	-24.914		24110	-17.07*	2.266	0.000	-21.536	-12.604
	31110	-70.08*	2.266	0.000	-74.546	-65.614		31110	-57.77*	2.266	0.000	-62.236	-53.304
	90000	-65.64*	2.266	0.000	-70.106	-61.174		90000	-63.33*	2.266	0.000	-67.796	-58.884

flex Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					23000	10000						37.12*	2.266
	11110	6.91*	2.266	0.000	4.444	13.376		11110	7.62*	2.266	0.001	3.154	12.066
	12110	3.84	2.266	0.063	-0.526	8.406		12110	2.65	2.266	0.243	-1.816	7.116
	12120	30.12*	2.266	0.000	25.654	34.586		12120	28.83*	2.266	0.000	24.364	33.296
	12130	34.53*	2.266	0.000	30.064	38.996		12130	33.24*	2.266	0.000	28.774	37.706
	12131	22.51*	2.266	0.000	18.044	26.976		12131	21.22*	2.266	0.000	16.754	25.686
	12134	22.51*	2.266	0.000	17.844	26.776		12134	21.02*	2.266	0.000	16.554	25.486
	12140	17.57*	2.266	0.000	13.104	22.036		12140	16.28*	2.266	0.000	11.814	20.746
	12150	26.49*	2.266	0.000	22.024	30.956		12150	25.2*	2.266	0.000	20.734	29.586
	12210	6.51*	2.266	0.004	2.044	10.976		12210	5.22*	2.266	0.022	0.754	9.686
	13110	11.14*	2.266	0.000	6.674	15.606		13110	9.85*	2.266	0.000	5.384	14.316
	14110	14.18*	2.266	0.000	9.714	18.646		14110	12.89*	2.266	0.000	8.424	17.356
	21110	-13.09*	2.266	0.000	-17.556	-8.624		20000	-1.29	2.266	0.570	-5.756	3.176
	22110	-13.5*	2.266	0.000	-17.966	-9.034		21110	-14.38*	2.266	0.000	-18.846	-9.914
	22120	1.29	2.266	0.570	-3.176	5.756		22110	-14.79*	2.266	0.000	-19.256	-10.324
	22130	8.31*	2.266	0.000	3.844	12.776		22130	7.02*	2.266	0.002	2.554	11.486
	22140	-11.39*	2.266	0.000	-15.856	-6.924		22140	-12.68*	2.266	0.000	-17.146	-8.214
	22150	-7.59*	2.266	0.001	-12.056	-3.124		22150	-8.88*	2.266	0.000	-13.346	-4.414
	22210	-12.9*	2.266	0.000	-17.366	-8.434		22210	-14.19*	2.266	0.000	-18.656	-9.724
	23110	-13.98*	2.266	0.000	-18.456	-9.524		23110	-15.28*	2.266	0.000	-19.746	-10.814
	24110	-2.89	2.266	0.203	-7.356	1.576		24110	-4.18	2.266	0.066	-8.646	0.286
	31110	-43.59*	2.266	0.000	-48.056	-39.124		31110	-44.88*	2.266	0.000	-49.346	-40.414
	90000	-39.15*	2.266	0.000	-43.616	-34.684		90000	-40.44*	2.266	0.000	-44.906	-35.974
21110	10000	50.21*	2.266	0.000	45.744	54.676	22130	10000	28.81*	2.266	0.000	24.344	33.276
	11110	22*	2.266	0.000	17.534	26.466		11110	0.6	2.266	0.791	-3.866	5.086
	12110	17.03*	2.266	0.000	12.564	21.496		12110	-4.37	2.266	0.055	-8.836	0.096
	12120	43.21*	2.266	0.000	38.744	47.676		12120	21.81*	2.266	0.000	17.344	26.276
	12130	47.62*	2.266	0.000	43.154	52.086		12130	26.22*	2.266	0.000	21.754	30.686
	12131	35.6*	2.266	0.000	31.134	40.066		12131	14.2*	2.266	0.000	9.734	18.686
	12134	35.4*	2.266	0.000	30.934	39.866		12134	14*	2.266	0.000	9.534	18.486
	12140	30.66*	2.266	0.000	26.194	35.126		12140	9.26*	2.266	0.000	4.794	13.726
	12150	39.58*	2.266	0.000	35.114	44.046		12150	18.16*	2.266	0.000	13.714	22.646
	12210	19.6*	2.266	0.000	15.134	24.066		12210	-1.8	2.266	0.428	-6.266	2.686
	13110	24.23*	2.266	0.000	19.764	28.686		13110	2.83	2.266	0.213	-1.636	7.296
	14110	27.27*	2.266	0.000	22.804	31.736		14110	5.87*	2.266	0.010	1.404	10.336
	20000	13.09*	2.266	0.000	8.624	17.556		20000	-8.31*	2.266	0.000	-12.776	-3.844
	22110	-0.41	2.266	0.857	-4.876	4.056		21110	-21.4*	2.266	0.000	-25.866	-16.934
	22120	14.38*	2.266	0.000	9.914	18.846		22110	-21.81*	2.266	0.000	-26.276	-17.344
	22130	21.4*	2.266	0.000	16.974	25.886		22120	-7.02*	2.266	0.002	-11.486	-2.554
	22140	1.7	2.266	0.454	-2.786	6.186		22140	-19.7*	2.266	0.000	-24.186	-15.234
	22150	5.5*	2.266	0.016	1.034	9.986		22150	-15.9*	2.266	0.000	-20.386	-11.434
	22210	0.19	2.266	0.933	-4.276	4.856		22210	-21.21*	2.266	0.000	-25.676	-16.744
	23110	-0.9	2.266	0.692	-5.386	3.586		23110	-22.3*	2.266	0.000	-26.786	-17.834
	24110	10.2*	2.266	0.000	5.734	14.686		24110	-11.2*	2.266	0.000	-15.686	-6.734
	31110	-30.5*	2.266	0.000	-34.986	-26.034		31110	-51.9*	2.266	0.000	-56.386	-47.434
	90000	-26.06*	2.266	0.000	-30.526	-21.594		90000	-47.46*	2.266	0.000	-51.926	-42.984

flex Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					22110	10000						50.62*	2.266
	11110	22.41*	2.266	0.000	17.944	26.876		11110	20.3*	2.266	0.000	15.834	24.766
	12110	17.44*	2.266	0.000	12.974	21.906		12110	15.33*	2.266	0.000	10.864	19.766
	12120	43.62*	2.266	0.000	39.154	48.086		12120	41.51*	2.266	0.000	37.044	45.976
	12130	48.03*	2.266	0.000	43.564	52.496		12130	45.94*	2.266	0.000	41.454	50.386
	12131	36.01*	2.266	0.000	31.544	40.476		12131	33.9*	2.266	0.000	29.434	38.366
	12134	35.81*	2.266	0.000	31.344	40.276		12134	33.7*	2.266	0.000	29.234	38.166
	12140	31.07*	2.266	0.000	26.604	35.536		12140	28.96*	2.266	0.000	24.484	33.426
	12150	39.99*	2.266	0.000	35.524	44.456		12150	37.88*	2.266	0.000	33.414	42.346
	12210	20.01*	2.266	0.000	15.544	24.476		12210	17.9*	2.266	0.000	13.434	22.366
	13110	24.64*	2.266	0.000	20.174	29.106		13110	22.53*	2.266	0.000	18.064	25.966
	14110	27.68*	2.266	0.000	23.214	32.146		14110	25.57*	2.266	0.000	21.104	30.036
	20000	13.5*	2.266	0.000	9.034	17.966		20000	11.39*	2.266	0.000	6.924	15.856
	21110	0.41	2.266	0.857	-4.056	4.876		21110	-1.7	2.266	0.454	-6.166	2.766
	22120	14.78*	2.266	0.000	10.324	19.256		22110	-2.11	2.266	0.353	-6.576	2.356
	22130	21.81*	2.266	0.000	17.344	26.276		22120	12.68*	2.266	0.000	8.214	17.146
	22140	2.11	2.266	0.353	-2.356	6.576		22130	19.7*	2.266	0.000	15.234	24.166
	22150	5.91*	2.266	0.010	1.444	10.376		22150	3.8	2.266	0.095	-0.666	8.266
	22210	0.6	2.266	0.791	-3.896	5.096		22210	-1.51	2.266	0.506	-5.976	2.966
	23110	-0.49	2.266	0.829	-4.856	3.876		23110	-2.6	2.266	0.252	-7.066	1.896
	24110	10.61*	2.266	0.000	6.144	15.076		24110	8.5*	2.266	0.000	4.034	12.966
	31110	-30.09*	2.266	0.000	-34.556	-25.624		31110	-32.2*	2.266	0.000	-36.666	-27.734
	90000	-25.65*	2.266	0.000	-30.116	-21.184		90000	-27.76*	2.266	0.000	-32.226	-23.294
22150	10000	44.71*	2.266	0.000	40.244	49.176	24110	10000	40.01*	2.266	0.000	35.544	44.476
	11110	16.5*	2.266	0.000	12.034	20.966		11110	11.8*	2.266	0.000	7.334	16.296
	12110	11.53*	2.266	0.000	7.064	15.985		12110	6.83*	2.266	0.003	2.364	11.296
	12120	37.71*	2.266	0.000	33.244	42.176		12120	33.01*	2.266	0.000	28.544	37.476
	12130	42.12*	2.266	0.000	37.654	45.586		12130	37.42*	2.266	0.000	32.954	41.886
	12131	30.1*	2.266	0.000	25.634	34.566		12131	25.4*	2.266	0.000	20.934	29.866
	12134	29.9*	2.266	0.000	25.434	34.386		12134	25.2*	2.266	0.000	20.734	29.666
	12140	25.16*	2.266	0.000	20.694	29.626		12140	20.46*	2.266	0.000	15.994	24.926
	12150	34.06*	2.266	0.000	29.614	38.546		12150	29.36*	2.266	0.000	24.914	33.846
	12210	14.1*	2.266	0.000	9.634	18.566		12210	9.4*	2.266	0.000	4.934	13.866
	13110	18.73*	2.266	0.000	14.264	23.196		13110	14.03*	2.266	0.000	9.564	18.496
	14110	21.77*	2.266	0.000	17.304	26.236		14110	17.07*	2.266	0.000	12.604	21.536
	20000	7.59*	2.266	0.001	3.124	12.056		20000	2.09	2.266	0.203	-1.576	7.356
	21110	-5.5*	2.266	0.016	-9.966	-1.034		21110	-10.2*	2.266	0.000	-14.666	-5.734
	22110	-5.91*	2.266	0.010	-10.376	-1.444		22110	-10.61*	2.266	0.000	-15.076	-6.144
	22120	6.88*	2.266	0.000	4.414	13.346		22120	4.18	2.266	0.096	-0.286	6.646
	22130	15.9*	2.266	0.000	11.434	20.366		22130	11.2*	2.266	0.000	6.734	15.666
	22140	-3.8	2.266	0.095	-8.266	0.666		22140	-8.5*	2.266	0.000	-12.966	-4.034
	22210	-5.31*	2.266	0.020	-9.776	-0.844		22150	-4.7	2.266	0.039	-9.166	-0.234
	23110	-6.4*	2.266	0.005	-10.866	-1.934		22210	-10.01*	2.266	0.000	-14.476	-5.544
	24110	4.7*	2.266	0.039	0.234	9.166		23110	-11.1*	2.266	0.000	-15.566	-6.634
	31110	-36*	2.266	0.000	-40.466	-31.534		31110	-40.7*	2.266	0.000	-45.166	-36.234
	90000	-31.56*	2.266	0.000	-36.026	-27.094		90000	-36.26*	2.266	0.000	-40.726	-31.794

flex Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					22210	10000						50.02*	2.266
	11110	21.81*	2.266	0.000	17.344	26.276		11110	52.5*	2.266	0.000	48.034	56.966
	12110	16.84*	2.266	0.000	12.374	21.308		12110	47.53*	2.266	0.000	43.064	51.966
	12120	43.02*	2.266	0.000	38.554	47.486		12120	73.71*	2.266	0.000	69.244	78.176
	12130	47.43*	2.266	0.000	42.964	51.896		12130	78.12*	2.266	0.000	73.654	82.586
	12131	35.41*	2.266	0.000	30.944	39.876		12131	66.1*	2.266	0.000	61.634	70.586
	12134	35.21*	2.266	0.000	30.744	39.676		12134	65.9*	2.266	0.000	61.434	70.366
	12140	30.47*	2.266	0.000	26.004	34.936		12140	61.16*	2.266	0.000	56.694	65.626
	12150	39.39*	2.266	0.000	34.924	43.856		12150	70.06*	2.266	0.000	65.614	74.546
	12210	19.41*	2.266	0.000	14.944	23.876		12210	50.1*	2.266	0.000	45.634	54.566
	13110	24.04*	2.266	0.000	19.574	28.506		13110	54.73*	2.266	0.000	50.254	59.196
	14110	27.06*	2.266	0.000	22.614	31.546		14110	57.77*	2.266	0.000	53.304	62.236
	20000	12.9*	2.266	0.000	8.434	17.366		20000	43.58*	2.266	0.000	39.124	48.056
	21110	-0.19	2.266	0.933	-4.656	4.276		21110	30.5*	2.266	0.000	26.034	34.966
	22110	-0.6	2.266	0.791	-5.066	3.866		22110	30.06*	2.266	0.000	25.624	34.556
	22120	14.19*	2.266	0.000	9.724	18.656		22120	44.86*	2.266	0.000	40.414	49.346
	22130	21.21*	2.266	0.000	16.744	25.676		22130	51.9*	2.266	0.000	47.434	56.366
	22140	1.51	2.266	0.506	-2.956	5.976		22140	32.2*	2.266	0.000	27.734	36.666
	22150	5.31*	2.266	0.020	0.844	9.776		22150	36*	2.266	0.000	31.534	40.466
	23110	-1.09	2.266	0.631	-5.556	3.376		22210	30.69	2.266	0.000	26.224	35.156
	24110	10.01*	2.266	0.000	5.544	14.476		23110	29.6*	2.266	0.000	25.134	34.086
	31110	-30.69*	2.266	0.000	-35.156	-26.224		24110	40.7*	2.266	0.000	36.234	45.166
	90000	-26.25*	2.266	0.000	-30.716	-21.784		90000	4.44	2.266	0.051	-0.026	8.906
23110	10000	51.11*	2.266	0.000	46.644	55.576	90000	10000	78.27*	2.266	0.000	71.804	80.736
	11110	22.9*	2.266	0.000	18.434	27.366		11110	48.06*	2.266	0.000	43.594	52.526
	12110	17.93*	2.266	0.000	13.464	22.396		12110	43.09*	2.266	0.000	38.624	47.556
	12120	44.11*	2.266	0.000	39.644	48.576		12120	69.27*	2.266	0.000	64.804	73.736
	12130	48.52*	2.266	0.000	44.054	52.986		12130	73.68*	2.266	0.000	69.214	78.146
	12131	36.5*	2.266	0.000	32.034	40.966		12131	61.66*	2.266	0.000	57.194	66.126
	12134	36.3*	2.266	0.000	31.834	40.766		12134	61.46*	2.266	0.000	56.994	65.926
	12140	31.56*	2.266	0.000	27.094	36.026		12140	56.72*	2.266	0.000	52.254	61.186
	12150	40.48*	2.266	0.000	36.014	44.946		12150	65.64*	2.266	0.000	61.174	70.106
	12210	20.5*	2.266	0.000	16.034	24.966		12210	45.66*	2.266	0.000	41.194	50.126
	13110	25.13*	2.266	0.000	20.664	29.596		13110	50.29*	2.266	0.000	45.624	54.756
	14110	26.17*	2.266	0.000	23.704	32.636		14110	53.33*	2.266	0.000	48.664	57.796
	20000	13.99*	2.266	0.000	9.524	18.456		20000	39.15*	2.266	0.000	34.684	43.616
	21110	0.9	2.266	0.692	-3.566	5.366		21110	28.06*	2.266	0.000	21.594	30.526
	22110	0.49	2.266	0.629	-3.976	4.956		22110	25.66*	2.266	0.000	21.164	30.116
	22120	15.29*	2.266	0.000	10.814	19.746		22120	46.44*	2.266	0.000	39.674	44.906
	22130	22.3*	2.266	0.000	17.834	26.766		22130	47.46*	2.266	0.000	42.994	51.926
	22140	2.6	2.266	0.252	-1.866	7.066		22140	27.76*	2.266	0.000	23.294	32.226
	22150	6.4*	2.266	0.005	1.934	10.866		22150	31.56*	2.266	0.000	27.094	36.026
	22210	1.09	2.266	0.631	-3.376	5.556		22210	26.25*	2.266	0.000	21.784	30.716
	24110	11.1*	2.266	0.000	6.634	15.566		23110	25.16*	2.266	0.000	20.694	29.626
	31110	-29.6*	2.266	0.000	-34.066	-25.134		24110	36.26*	2.266	0.000	31.794	40.726
	90000	-25.16*	2.266	0.000	-29.626	-20.694		31110	-4.44	2.266	0.051	-8.906	0.026

MOE Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					10000	11110						-1991.80*	145.30
	12110	-1952.80*	145.30	0.000	-2239.1920	-1666.4080		11110	-1912.60*	145.30	0.000	-2198.9920	-1626.2080
	12120	-79.20	145.30	0.586	-365.5920	207.1920		12110	-1873.60*	145.30	0.000	-2159.9920	-1587.2080
	12130	96.30	145.30	0.506	-190.0620	382.6920		12130	175.50	145.30	0.228	-110.8920	461.8920
	12131	-1298.70*	145.30	0.000	-1585.0920	-1012.3080		12131	-1219.50*	145.30	0.000	-1505.8920	-933.1080
	12134	-837.40*	145.30	0.000	-1123.7920	-551.0080		12134	-758.20*	145.30	0.000	-1044.5920	-471.8080
	12140	-1017.50*	145.30	0.000	-1303.8920	-731.1080		12140	-938.30*	145.30	0.000	-1224.6920	-651.9080
	12150	-499.70*	145.30	0.001	-786.0920	-213.3080		12150	-420.50*	145.30	0.004	-706.8920	-134.1080
	12210	-1936.40*	145.30	0.000	-2222.7920	-1650.0080		12210	-1857.20*	145.30	0.000	-2143.5920	-1570.8080
	13110	-1465.30*	145.30	0.000	-1751.6920	-1178.9080		13110	-1388.10*	145.30	0.000	-1672.4920	-1099.7080
	14110	-1743.40*	145.30	0.000	-2029.7920	-1457.0080		14110	-1664.20*	145.30	0.000	-1950.5920	-1377.8080
	20000	-1806.70*	145.30	0.000	-2093.0920	-1520.3080		20000	-1727.50*	145.30	0.000	-2013.8920	-1441.1080
	21110	-3081.70*	145.30	0.000	-3368.0920	-2795.3080		21110	-3002.50*	145.30	0.000	-3288.8920	-2716.1080
	22110	-3086.50*	145.30	0.000	-3372.8920	-2800.1080		22110	-3007.30*	145.30	0.000	-3293.6920	-2720.9080
	22120	-2675.90*	145.30	0.000	-2962.2920	-2389.5080		22120	-2586.70*	145.30	0.000	-2883.0920	-2310.3080
	22130	-2603.61*	149.28	0.000	-2897.8509	-2309.3713		22130	-2524.41*	149.28	0.000	-2818.6509	-2230.1713
	22140	-2907.70*	145.30	0.000	-3194.0920	-2621.3080		22140	-2828.50*	145.30	0.000	-3114.8920	-2542.1080
	22150	-2846.50*	145.30	0.000	-2932.8920	-2360.1080		22150	-2567.30*	145.30	0.000	-2853.6920	-2280.9080
	22210	1052.30*	145.30	0.000	-3358.8920	-2795.9080		22210	-3003.10*	145.30	0.000	-3289.4920	-2715.7080
	23110	-3226.30*	145.30	0.000	-3512.8920	-2939.9080		23110	-3147.10*	145.30	0.000	-3433.4920	-2860.7080
	24110	-2983.80*	145.30	0.000	-3280.1920	-2707.4080		24110	-2914.80*	145.30	0.000	-3200.9920	-2628.2080
	31110	-7717.60*	145.30	0.000	-8003.9920	-7431.2080		31110	-7638.40*	145.30	0.000	-7924.7920	-7352.0080
	90000	-7616.50*	145.30	0.000	-7902.8920	-7330.1080		90000	-7537.30*	145.30	0.000	-7823.6920	-7250.9080
11110	10000	1991.80*	145.30	0.000	1705.4080	2278.1920	12130	10000	-86.30	145.30	0.508	-382.8920	190.0920
	12110	39.00	145.30	0.789	-247.3920	325.3920		11110	-2088.10*	145.30	0.000	-2374.4920	-1801.7080
	12120	1912.80*	145.30	0.000	1626.2080	2199.9920		12110	-2049.10*	145.30	0.000	-2335.4920	-1762.7080
	12130	2088.10*	145.30	0.000	1801.7080	2374.4920		12120	-175.50	145.30	0.228	-461.8920	110.8920
	12131	693.10*	145.30	0.000	406.7080	979.4920		12131	-1395.00*	145.30	0.000	-1681.3920	-1108.6080
	12134	1154.40*	145.30	0.000	868.0080	1440.7920		12134	-833.70*	145.30	0.000	-1220.0920	-647.3080
	12140	974.30*	145.30	0.000	687.9080	1260.6920		12140	-1113.80*	145.30	0.000	-1400.1920	-827.4080
	12150	1492.10*	145.30	0.000	1205.7080	1778.4920		12150	-598.00*	145.30	0.000	-882.3920	-309.6080
	12210	55.40	145.30	0.703	-230.8920	341.7920		12210	-2032.70*	145.30	0.000	-2319.0920	-1746.3080
	13110	526.50*	145.30	0.000	240.1080	812.8920		13110	-1561.60*	145.30	0.000	-1847.9920	-1275.2080
	14110	248.40	145.30	0.089	-37.9920	534.7920		14110	-1839.70*	145.30	0.000	-2126.0920	-1553.3080
	20000	185.10*	145.30	0.204	-101.2920	471.4920		20000	-1903.00*	145.30	0.000	-2189.3920	-1616.6080
	21110	-1089.90*	145.30	0.000	-1376.2920	-803.5080		21110	-3178.00*	145.30	0.000	-3464.3920	-2891.6080
	22110	-1094.70*	145.30	0.000	-1381.0920	-808.3080		22110	-3182.80*	145.30	0.000	-3469.1920	-2896.4080
	22120	-684.10*	145.30	0.000	-970.4920	-397.7080		22120	-2772.20*	145.30	0.000	-3058.5920	-2485.8080
	22130	-611.81*	149.28	0.000	-806.0509	-317.5713		22130	-2899.91*	149.28	0.000	-2994.1509	-2405.6713
	22140	-915.90*	145.30	0.000	-1202.2920	-629.5080		22140	-3004.00*	145.30	0.000	-3290.3920	-2717.6080
	22150	-654.70*	145.30	0.000	-941.0920	-368.3080		22150	-2742.80*	145.30	0.000	-3029.1920	-2456.4080
	22210	-1080.50*	145.30	0.000	-1376.8920	-804.1080		22210	-3178.60*	145.30	0.000	-3464.9920	-2892.2080
	23110	-1234.50*	145.30	0.000	-1520.8920	-948.1080		23110	-3322.60*	145.30	0.000	-3608.9920	-3036.2080
	24110	-1002.00*	145.30	0.000	-1288.3920	-715.6080		24110	-3080.10*	145.30	0.000	-3376.4920	-2803.7080
	31110	-5725.80*	145.30	0.000	-6012.1920	-6439.4080		31110	-7813.60*	145.30	0.000	-8100.2920	-7527.5080
	90000	-5624.70*	145.30	0.000	-5911.0920	-5338.3080		90000	-7712.80*	145.30	0.000	-7998.1920	-7426.4080

MOE Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
12110	10000	1952.80*	145.30	0.000	1666.4080	2239.1920	12131	10000	1298.70*	145.30	0.000	1012.3080	1585.0920
	11110	-39.00	145.30	0.789	-325.3920	247.3920		11110	-693.10*	145.30	0.000	-879.4920	-406.7080
	12120	1673.60*	145.30	0.000	1567.2080	2159.9920		12110	-654.10*	145.30	0.000	-840.4920	-367.7080
	12130	2049.10*	145.30	0.000	1762.7080	2335.4920		12120	1219.50*	145.30	0.000	933.1080	1505.8920
	12131	654.10*	145.30	0.000	367.7080	940.4920		12130	1395.00*	145.30	0.000	1108.6080	1681.3920
	12134	1115.40*	145.30	0.000	829.0080	1401.7920		12134	461.30*	145.30	0.002	174.9080	747.6920
	12140	935.30*	145.30	0.000	648.9080	1221.6920		12140	281.20*	145.30	0.054	-5.1920	567.5920
	12150	1453.10*	145.30	0.000	1166.7080	1739.4920		12150	796.00*	145.30	0.000	512.6080	1085.3920
	12210	16.40	145.30	0.910	-269.9920	302.7920		12210	-637.70*	145.30	0.000	-824.0920	-351.3080
	13110	487.50*	145.30	0.001	201.1080	773.8920		13110	-166.60	145.30	0.253	-452.9920	119.7920
	14110	209.40	145.30	0.151	-76.9920	495.7920		14110	-444.70*	145.30	0.002	-731.0920	-158.3080
	20000	146.10*	145.30	0.316	-140.2920	432.4920		20000	-508.00	145.30	0.001	-794.3920	-221.6080
	21110	-1128.90*	145.30	0.000	-1415.2920	-842.5080		21110	-1763.00*	145.30	0.000	-2069.3920	-1496.6080
	22110	-1133.70*	145.30	0.000	-1420.0920	-847.3080		22110	-1787.80*	145.30	0.000	-2074.1920	-1501.4080
	22120	-723.10*	145.30	0.000	-1009.4920	-436.7080		22120	-1377.20*	145.30	0.000	-1663.5920	-1090.8080
	22130	-650.81*	149.28	0.000	-845.0509	-356.5713		22130	-1304.91*	149.28	0.000	-1598.1509	-1010.6713
	22140	-654.90*	145.30	0.000	-1241.2920	-668.5080		22140	-1639.00*	145.30	0.000	-1895.3920	-1322.6080
	22150	-683.70*	145.30	0.000	-980.0920	-407.3080		22150	-1347.80*	145.30	0.000	-1634.1920	-1061.4080
	22210	-1129.50*	145.30	0.000	-1415.8920	-843.1080		22210	-1783.60*	145.30	0.000	-2069.9920	-1497.2080
	23110	-1273.50*	145.30	0.000	-1559.8920	-987.1080		23110	-1927.80*	145.30	0.000	-2213.5920	-1641.2080
	24110	-1041.00*	145.30	0.000	-1327.3920	-754.6080		24110	-1695.10*	145.30	0.000	-1981.4920	-1408.7080
	31110	-5764.2*	145.30	0.000	-6051.1920	-5478.4080		31110	-6418.90*	145.30	0.000	-6705.2920	-6132.5080
	90000	-5663.70*	145.30	0.000	-5950.0920	-5377.3080		90000	-6317.80*	145.30	0.000	-6604.1920	-6031.4080
12134	10000	637.40*	145.30	0.000	551.0080	1123.7920	12210	10000	1936.40*	145.30	0.000	1650.0080	2222.7920
	11110	-1154.40*	145.30	0.000	-1440.7920	-868.0080		11110	-55.40	145.30	0.703	-341.7920	230.9920
	12110	-1115.40*	145.30	0.000	-1401.7920	-829.0080		12110	-16.40	145.30	0.910	-302.7920	269.9920
	12120	758.20*	145.30	0.000	471.8080	1044.5920		12120	1857.20*	145.30	0.000	1570.8080	2143.5920
	12130	933.70*	145.30	0.000	647.3080	1220.0920		12130	2032.70*	145.30	0.000	1746.3080	2319.0920
	12131	-461.30*	145.30	0.002	-747.6920	-174.9080		12131	637.70*	145.30	0.000	351.3080	924.0920
	12140	-180.10	145.30	0.217	-468.4920	106.2920		12134	1098.00*	145.30	0.000	812.6080	1385.3920
	12150	337.70*	145.30	0.021	51.3080	624.0920		12140	916.90*	145.30	0.000	632.5080	1205.2920
	12210	-1099.00*	145.30	0.000	-1395.3920	-812.6080		12150	1436.70*	145.30	0.000	1150.3080	1723.0920
	13110	-627.90*	145.30	0.000	-914.2920	-341.5080		13110	471.10*	145.30	0.001	184.7080	757.4920
	14110	-906.00*	145.30	0.000	-1192.3920	-619.6080		14110	193.00	145.30	0.185	-83.3920	479.3920
	20000	-969.30*	145.30	0.000	-1256.6920	-682.9080		20000	129.70*	145.30	0.373	-156.6920	416.0920
	21110	-2244.30*	145.30	0.000	-2530.6920	-1957.9080		21110	-1145.30*	145.30	0.000	-1431.6920	-859.0080
	22110	-2249.10*	145.30	0.000	-2536.4920	-1962.7080		22110	-1150.10*	145.30	0.000	-1436.4920	-863.7080
	22120	-1625.50*	145.30	0.000	-2124.8920	-1126.1080		22120	-739.50*	145.30	0.000	-1025.8920	-453.1080
	22130	-1783.21*	149.28	0.000	-2090.4509	-1471.9713		22130	-967.21*	149.28	0.000	-1145.4509	-788.9713
	22140	-2070.30*	145.30	0.000	-2356.8920	-1783.9080		22140	-971.30*	145.30	0.000	-1257.6920	-684.9080
	22150	-1809.10*	145.30	0.000	-2095.4920	-1522.7080		22150	-710.10*	145.30	0.000	-996.4920	-423.7080
	22210	-2244.00*	145.30	0.000	-2531.2920	-1956.5080		22210	-1145.90*	145.30	0.000	-1432.2920	-859.5080
	23110	-2388.90*	145.30	0.000	-2675.2920	-2102.5080		23110	-1289.90*	145.30	0.000	-1576.2920	-1003.5080
	24110	-2158.40*	145.30	0.000	-2442.7920	-1874.0080		24110	-1057.40*	145.30	0.000	-1343.7920	-771.0080
	31110	-6880.20*	145.30	0.000	-7168.5920	-6591.8080		31110	-6781.20*	145.30	0.000	-7087.5920	-6474.8080
	90000	-6779.10*	145.30	0.000	-7065.4920	-6492.7080		90000	-5680.10*	145.30	0.000	-5966.4920	-5393.7080

MOE Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
12140	10000	1017.50*	145.30	0.000	731.1080	1303.8920	13110	10000	1485.30*	145.30	0.000	1178.9080	1751.6920
	11110	-974.30*	145.30	0.000	-1260.6920	-687.9080		11110	-526.50*	145.30	0.000	-812.8920	-240.1080
	12110	-935.30*	145.30	0.000	-1221.6920	-648.9080		12110	-487.50*	145.30	0.001	-773.6920	-201.1080
	12120	936.30*	145.30	0.000	651.9080	1224.6920		12120	1386.10*	145.30	0.000	1099.7080	1672.4920
	12130	1113.80*	145.30	0.000	827.4080	1400.1920		12130	1561.60*	145.30	0.000	1275.2080	1847.9920
	12131	-281.20	145.30	0.054	-567.5920	5.1920		12131	166.60	145.30	0.253	-119.7920	452.9920
	12134	180.10	145.30	0.217	-106.2920	486.4920		12134	627.90*	145.30	0.000	341.5080	914.2920
	12150	517.80*	145.30	0.000	231.4080	804.1920		12140	447.80*	145.30	0.002	161.4080	734.1920
	12210	-918.90*	145.30	0.000	-1205.2920	-632.5080		12150	965.60*	145.30	0.000	679.2080	1251.9920
	13110	-447.80*	145.30	0.002	-734.1920	-161.4080		12210	-471.10*	145.30	0.001	-757.4920	-184.7080
	14110	-725.90*	145.30	0.000	-1012.2920	-439.5080		14110	-278.10	145.30	0.057	-564.4920	8.2920
	20000	-789.20*	145.30	0.000	-1075.5920	-502.8080		20000	-341.40	145.30	0.020	-627.7920	-55.0080
	21110	-2064.20*	145.30	0.000	-2350.5920	-1777.8080		21110	-1616.40*	145.30	0.000	-1902.7920	-1330.0080
	22110	-2069.00*	145.30	0.000	-2355.3920	-1782.6080		22110	-1621.20*	145.30	0.000	-1907.5920	-1334.8080
	22120	-1858.40*	145.30	0.000	-1944.7920	-1372.0080		22120	-1210.60*	145.30	0.000	-1496.9920	-824.2080
	22130	-1586.11*	149.28	0.000	-1880.3509	-1291.8713		22130	-1138.31*	149.28	0.000	-1432.5509	-844.0713
	22140	-1890.20*	145.30	0.000	-2176.5920	-1603.8080		22140	-1442.40*	145.30	0.000	-1728.7920	-1156.0080
	22150	-1829.00*	145.30	0.000	-1915.3920	-1342.6080		22150	-1181.20*	145.30	0.000	-1467.5920	-894.8080
	22210	-2064.80*	145.30	0.000	-2351.1920	-1778.4080		22210	-1617.00*	145.30	0.000	-1903.3920	-1330.6080
	23110	-2208.80*	145.30	0.000	-2495.1920	-1922.4080		23110	-1761.00*	145.30	0.000	-2047.3920	-1474.6080
	24110	-1976.30*	145.30	0.000	-2262.6920	-1689.9080		24110	-1526.50*	145.30	0.000	-1814.8920	-1242.1080
	31110	-6700.10*	145.30	0.000	-6986.4920	-6413.7080		31110	-6252.30*	145.30	0.000	-6538.6920	-5965.9080
	90000	-6569.00*	145.30	0.000	-6855.3920	-6312.6080		90000	-6151.20*	145.30	0.000	-6437.5920	-5864.8080
12150	10000	499.70*	145.30	0.001	213.3080	786.0920	14110	10000	1743.40*	145.30	0.000	1457.0080	2029.7920
	11110	-1492.10*	145.30	0.000	-1778.4920	-1205.7080		11110	-248.40	145.30	0.099	-534.7920	37.9920
	12110	-1453.10*	145.30	0.000	-1739.4920	-1166.7080		12110	-209.40	145.30	0.151	-485.7920	76.9920
	12120	420.50*	145.30	0.004	134.1080	706.8920		12120	1664.20*	145.30	0.000	1377.8080	1950.5920
	12130	596.00*	145.30	0.000	309.6080	882.3920		12130	1839.70*	145.30	0.000	1553.3080	2126.0920
	12131	-799.00*	145.30	0.000	-1085.3920	-512.6080		12131	444.70*	145.30	0.002	158.3080	731.0920
	12134	-337.70*	145.30	0.021	-624.0920	-51.3080		12134	906.00*	145.30	0.000	619.6080	1192.3920
	12140	-517.80*	145.30	0.000	-804.1920	-231.4080		12140	725.90*	145.30	0.000	439.5080	1012.2920
	12210	-1436.70*	145.30	0.000	-1723.0920	-1150.3080		12150	1243.70*	145.30	0.000	957.3080	1530.0920
	13110	-985.60*	145.30	0.000	-1251.9920	-679.2080		12210	-180.00	145.30	0.185	-479.3920	83.3920
	14110	-1243.70*	145.30	0.000	-1530.0920	-957.3080		13110	278.10	145.30	0.057	-8.2920	564.4920
	20000	-1307.00*	145.30	0.000	-1593.3920	-1020.6080		20000	-83.30	145.30	0.664	-349.6920	223.0920
	21110	-2582.00*	145.30	0.000	-2868.3920	-2295.6080		21110	-1338.30*	145.30	0.000	-1624.6920	-1051.9080
	22110	-2596.80*	145.30	0.000	-2873.1920	-2300.4080		22110	-1343.10*	145.30	0.000	-1629.4920	-1056.7080
	22120	-2176.20*	145.30	0.000	-2462.5920	-1689.8080		22120	-832.50*	145.30	0.000	-1218.6920	-446.1080
	22130	-2103.91*	149.28	0.000	-2398.1509	-1809.6713		22130	-860.21*	149.28	0.000	-1154.4509	-565.9713
	22140	-2406.00*	145.30	0.000	-2694.3920	-2117.6080		22140	1164.30*	145.30	0.000	877.9080	1451.7080
	22150	-2146.80*	145.30	0.000	-2433.1920	-1859.4080		22150	-903.10*	145.30	0.000	-1188.3920	-618.7080
	22210	-2582.80*	145.30	0.000	-2868.9920	-2296.6080		22210	-1338.90*	145.30	0.000	-1625.2920	-1052.5080
	23110	-2726.80*	145.30	0.000	-3012.9920	-2440.6080		23110	-1462.90*	145.30	0.000	-1769.2920	-1196.5080
	24110	-2464.10*	145.30	0.000	-2750.4920	-2177.7080		24110	-1250.40*	145.30	0.000	-1536.7920	-964.0080
	31110	-7217.90*	145.30	0.000	-7504.2920	-6931.5080		31110	-6674.20*	145.30	0.000	-6960.5920	-6387.8080
	90000	-7116.80*	145.30	0.000	-7403.1920	-6830.4080		90000	-6673.10*	145.30	0.000	-6959.4920	-6386.7080

MOE Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					20000	10000						1806.70*	145.30
	11110	-185.10	145.30	0.204	-471.4920	101.2920		11110	684.10*	145.30	0.000	397.7080	970.4920
	12110	-146.10	145.30	0.316	-432.4920	140.2920		12110	723.10*	145.30	0.000	438.7080	1009.4920
	12120	1727.50*	145.30	0.000	1441.1080	2013.8920		12120	2598.70*	145.30	0.000	2310.3080	2883.0920
	12130	1903.00*	145.30	0.000	1616.6080	2189.3920		12130	2772.20*	145.30	0.000	2485.8080	3058.5920
	12131	508.00*	145.30	0.001	111.6080	794.3920		12131	1377.20*	145.30	0.000	1090.8080	1663.5920
	12134	869.30*	145.30	0.000	682.6080	1255.9920		12134	1838.50*	145.30	0.000	1552.1080	2124.8920
	12140	789.20*	145.30	0.000	502.8080	1075.9920		12140	1658.40*	145.30	0.000	1372.0080	1944.7920
	12150	1307.00*	145.30	0.000	1020.6080	1593.3920		12150	2178.20*	145.30	0.000	1889.8080	2462.5920
	12210	-129.70	145.30	0.373	-416.0920	156.6920		12210	739.50*	145.30	0.000	453.1080	1025.8920
	13110	341.40*	145.30	0.020	55.0080	627.7920		13110	1210.60*	145.30	0.000	924.2080	1496.9920
	14110	63.30	145.30	0.664	-223.0920	349.6920		14110	932.50*	145.30	0.000	646.1080	1218.8920
	21110	-1275.00*	145.30	0.000	-1561.3920	-988.6080	20000	10000	869.20*	145.30	0.000	582.8080	1155.5920
	22110	-1279.80*	145.30	0.000	-1566.1920	-993.4080	21110	11110	-405.80*	145.30	0.006	-692.1920	-119.4080
	22120	-889.20*	145.30	0.000	-1155.5920	-622.8080	22110	11110	-410.60*	145.30	0.005	-696.9920	-124.2080
	22130	-796.91*	149.28	0.000	-1091.1509	-502.6713	22130	12130	72.29	149.28	0.629	-221.9509	366.5287
	22140	-1101.00*	145.30	0.000	-1387.3920	-814.6080	22140	12140	-231.80	145.30	0.112	-518.1920	54.5920
	22150	-839.80*	145.30	0.000	-1128.1920	-551.4080	22150	12150	29.40	145.30	0.840	-256.9920	315.7920
	22210	-1275.60*	145.30	0.000	-1561.9920	-989.2080	22210	12210	-408.40*	145.30	0.008	-692.7920	-120.0080
	23110	-1419.60*	145.30	0.000	-1705.9920	-1133.2080	23110	13110	-650.40*	145.30	0.000	-836.7920	-264.0080
	24110	-1187.10*	145.30	0.000	-1473.4920	-900.7080	24110	14110	-317.90*	145.30	0.030	-604.2920	-31.5080
	31110	-5910.90*	145.30	0.000	-6197.2920	-5624.5080	31110	11110	-5041.70*	145.30	0.000	-5328.0920	-4755.3080
	90000	-5809.80*	145.30	0.000	-6098.1920	-5521.4080	90000	10000	-4940.60*	145.30	0.000	-5228.9920	-4654.2080
21110	10000	3061.70*	145.30	0.000	2795.3080	3368.0920	22130	10000	2603.61*	149.28	0.000	2309.3713	2897.8509
	11110	1089.90*	145.30	0.000	803.5080	1376.2920		11110	611.81*	149.28	0.000	317.5713	908.0509
	12110	1128.90*	145.30	0.000	842.5080	1415.2920		12110	650.61*	149.28	0.000	356.5713	945.0509
	12120	3002.50*	145.30	0.000	2716.1080	3288.8920		12120	2524.41*	149.28	0.000	2230.1713	2818.6509
	12130	3178.00*	145.30	0.000	2891.6080	3464.3920		12130	2699.91*	149.28	0.000	2405.6713	2994.1509
	12131	1783.00*	145.30	0.000	1498.6080	2069.3920		12131	1304.91*	149.28	0.000	1010.6713	1599.1509
	12134	2244.30*	145.30	0.000	1957.9080	2530.6920		12134	1786.21*	149.28	0.000	1471.9713	2080.4509
	12140	2064.20*	145.30	0.000	1777.8080	2350.5920		12140	1586.11*	149.28	0.000	1291.8713	1880.3509
	12150	2582.00*	145.30	0.000	2295.6080	2868.3920		12150	2103.91*	149.28	0.000	1809.6713	2398.1509
	12210	1145.30*	145.30	0.000	858.6080	1431.9920		12210	667.21*	149.28	0.000	372.9713	961.4509
	13110	1618.40*	145.30	0.000	1330.0080	1902.7920		13110	1126.31*	149.28	0.000	844.0713	1432.5509
	14110	1338.30*	145.30	0.000	1051.9080	1624.6920		14110	860.21*	149.28	0.000	565.9713	1154.4509
	20000	1275.00*	145.30	0.000	988.6080	1561.3920	20000	10000	796.91*	149.28	0.000	502.6713	1091.1509
	22110	-4.80	145.30	0.974	-291.1920	281.5920	21110	11110	-478.09*	149.28	0.002	-772.3287	-183.8491
	22120	405.80*	145.30	0.006	119.4080	692.1920	22110	11110	-32.89*	149.28	0.001	-777.1287	-188.8491
	22130	478.09*	149.28	0.002	163.8491	772.3287	22120	12120	-72.29	149.28	0.629	-366.5287	221.9509
	22140	174.00	145.30	0.232	-112.3920	460.3920	22140	12140	-304.09	149.28	0.043	-698.3287	-9.8491
	22150	435.20*	145.30	0.003	148.8080	721.5920	22150	12150	-42.89	149.28	0.774	-337.1287	251.3509
	22210	-0.80	145.30	0.987	-286.9920	285.7920	22210	12210	-478.69*	149.28	0.002	-772.9287	-184.4491
	23110	-144.80*	145.30	0.321	-430.9920	141.7920	23110	13110	-622.69*	149.28	0.000	-918.9287	-328.4491
	24110	67.90	145.30	0.548	-198.4920	374.2920	24110	14110	-360.19*	149.28	0.010	-684.4287	-95.9491
	31110	-4635.90*	145.30	0.000	-4922.2920	-4349.5080	31110	11110	-5113.99*	149.28	0.000	-5408.2287	-4819.7491
	90000	-4534.80*	145.30	0.000	-4821.1920	-4248.4080	90000	10000	-5012.69*	149.28	0.000	-5307.1287	-4718.6491

MOE Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					22110	10000						3086.50*	145.30
	11110	1094.70*	145.30	0.000	806.3080	1381.0920		11110	915.90*	145.30	0.000	629.2920	1202.5080
	12110	1133.70*	145.30	0.000	847.3080	1420.0920		12110	954.90*	145.30	0.000	669.2920	1241.5080
	12120	3007.30*	145.30	0.000	2720.9080	3293.6920		12120	2828.50*	145.30	0.000	2542.1080	3114.9020
	12130	3182.80*	145.30	0.000	2896.4080	3469.1920		12130	3004.00*	145.30	0.000	2717.6080	3290.3920
	12131	1787.80*	145.30	0.000	1501.4080	2074.1920		12131	1609.00*	145.30	0.000	1429.0080	1788.9920
	12134	2249.10*	145.30	0.000	1962.7080	2535.4920		12134	2070.30*	145.30	0.000	1703.0080	2236.6020
	12140	2069.00*	145.30	0.000	1782.6080	2355.3920		12140	1890.20*	145.30	0.000	1613.8080	2166.5920
	12150	2586.80*	145.30	0.000	2300.4080	2873.1920		12150	2408.00*	145.30	0.000	2121.8080	2694.3920
	12210	1150.10*	145.30	0.000	863.7080	1436.4920		12210	971.30*	145.30	0.000	684.9020	1257.6920
	13110	1621.20*	145.30	0.000	1334.8080	1907.5920		13110	1442.40*	145.30	0.000	1158.0080	1726.7920
	14110	1343.10*	145.30	0.000	1058.7080	1629.4920		14110	1164.30*	145.30	0.000	877.9020	1450.6920
	20000	1279.80*	145.30	0.000	993.4080	1566.1920		20000	1101.00*	145.30	0.000	814.6080	1367.3920
	21110	4.80	145.30	0.974	-281.5820	291.1920		21110	-174.00	145.30	0.237	-460.3020	112.3920
	22120	410.60*	145.30	0.005	124.2080	696.9920		22110	-178.80	145.30	0.220	-465.1920	107.5920
	22130	482.89*	149.28	0.001	188.6491	777.1287		22120	231.80	145.30	0.112	-54.5920	518.1920
	22140	178.80	145.30	0.220	-107.5920	465.1920		22130	304.08	149.28	0.043	11.8491	593.3257
	22150	440.00*	145.30	0.003	153.8080	726.3920		22150	281.20	145.30	0.074	-25.1920	547.5920
	22210	4.20	145.30	0.877	-282.1920	290.5920		22210	-174.60	145.30	0.231	-460.9920	111.7920
	23110	-139.80	145.30	0.337	-428.1920	146.5920		23110	-318.60*	145.30	0.029	-604.9920	-32.2080
	24110	92.70	145.30	0.524	-193.8920	379.0920		24110	-86.10	145.30	0.554	-372.4920	200.2920
	31110	-4631.10*	145.30	0.000	-4917.4920	-4344.7080		31110	-4809.90*	145.30	0.000	-6096.2920	-4523.5080
	90000	-4530.00*	145.30	0.000	-4816.3920	-4243.6080		90000	-4708.80*	145.30	0.000	-4995.1920	-4422.4080
22150	10000	2646.50*	145.30	0.000	2360.1080	2932.8920	24110	10000	2993.80*	145.30	0.000	2707.4080	3280.1920
	11110	654.70*	145.30	0.000	368.3080	941.0920		11110	1002.00*	145.30	0.000	715.6080	1288.3920
	12110	883.70*	145.30	0.000	407.3080	959.0920		12110	1041.00*	145.30	0.000	754.6080	1327.4020
	12120	2567.30*	145.30	0.000	2280.9080	2853.6920		12120	2914.60*	145.30	0.000	2628.2080	3200.9920
	12130	2742.80*	145.30	0.000	2468.4080	3029.1920		12130	3090.10*	145.30	0.000	2803.7080	3378.4920
	12131	1347.80*	145.30	0.000	1061.4080	1634.1920		12131	1695.10*	145.30	0.000	1400.7080	1991.1920
	12134	1809.10*	145.30	0.000	1522.7080	2095.4920		12134	2156.40*	145.30	0.000	1870.0080	2442.7920
	12140	1629.00*	145.30	0.000	1342.6080	1915.3920		12140	1976.30*	145.30	0.000	1690.9080	2261.5920
	12150	2146.80*	145.30	0.000	1860.4080	2433.1920		12150	2484.10*	145.30	0.000	2207.7080	2760.4920
	12210	710.10*	145.30	0.000	423.7080	996.4920		12210	1057.40*	145.30	0.000	771.0080	1343.7920
	13110	1181.20*	145.30	0.000	894.8080	1467.5920		13110	1528.50*	145.30	0.000	1242.1080	1814.8920
	14110	903.10*	145.30	0.000	618.7080	1189.4920		14110	1250.40*	145.30	0.000	964.0080	1536.7920
	20000	839.80*	145.30	0.000	553.4080	1126.1920		20000	1187.10*	145.30	0.000	940.1080	1434.4920
	21110	-435.20*	145.30	0.003	-721.5920	-148.8080		21110	-87.90	145.30	0.546	-374.2920	198.4920
	22110	-440.00*	145.30	0.003	-726.3920	-153.6080		22110	-92.70	145.30	0.524	-379.0920	193.6920
	22120	-29.40	145.30	0.840	-315.7920	256.9920		22120	317.90*	145.30	0.030	111.5080	604.2920
	22130	42.60	149.28	0.774	-251.3569	337.1287		22130	390.19*	149.28	0.010	143.9091	634.4797
	22140	-281.20	145.30	0.074	-647.5920	25.1920		22140	86.10	145.30	0.564	-400.2920	372.4920
	22210	-435.80*	145.30	0.003	-722.1920	-149.4080		22150	347.30*	145.30	0.016	101.6080	633.9920
	23110	-679.80*	145.30	0.000	-868.1920	-293.4080		22210	-88.50	145.30	0.543	-374.9920	197.9920
	24110	-347.30*	145.30	0.018	-633.8920	-60.9080		23110	-232.50	145.30	0.111	-618.8020	-306.2020
	31110	-5071.10*	145.30	0.000	-5357.4920	-4784.7080		31110	-4723.80*	145.30	0.000	-5010.1920	-4437.4080
	90000	-4970.00*	145.30	0.000	-5256.3920	-4683.6080		90000	-4622.70*	145.30	0.000	-4909.0920	-4335.3080

MOE Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
22210	10000	3082.30*	145.30	0.000	2795.9080	3368.6920	31110	10000	7717.60*	145.30	0.000	7431.2080	8003.9920
	11110	1090.50*	145.30	0.000	804.1080	1378.8920		11110	5725.80*	145.30	0.000	5439.4080	6012.1920
	12110	1129.50*	145.30	0.000	843.1080	1415.8920		12110	5784.80*	145.30	0.000	5478.4080	6051.1920
	12120	3003.10*	145.30	0.000	2716.7080	3289.4920		12120	7638.40*	145.30	0.000	7352.0080	7924.7920
	12130	3178.60*	145.30	0.000	2892.2080	3464.9920		12130	7813.90*	145.30	0.000	7527.5080	8100.2920
	12131	1783.60*	145.30	0.000	1497.2080	2069.9920		12131	6418.90*	145.30	0.000	6132.5080	6705.2920
	12134	2244.90*	145.30	0.000	1958.5080	2531.2920		12134	6880.20*	145.30	0.000	6593.8080	7166.5920
	12140	2064.80*	145.30	0.000	1778.4080	2351.1920		12140	6700.10*	145.30	0.000	6413.7080	6986.4920
	12150	2582.60*	145.30	0.000	2296.2080	2868.9920		12150	7217.90*	145.30	0.000	6931.5080	7504.2920
	12210	1145.90*	145.30	0.000	859.5080	1432.2920		12210	5781.20*	145.30	0.000	5494.8080	6067.5920
	13110	1617.00*	145.30	0.000	1330.6080	1903.3920		13110	6252.30*	145.30	0.000	5965.9080	6538.6920
	14110	1338.90*	145.30	0.000	1052.5080	1625.2920		14110	5974.22*	145.30	0.000	5687.8080	6260.5920
	20000	1275.60*	145.30	0.000	989.2080	1561.9920		20000	5910.90*	145.30	0.000	5624.5080	6197.2920
	21110	0.60	145.30	0.997	-285.7920	286.9920		21110	4635.90*	145.30	0.000	4349.5080	4922.2920
	22110	-4.20	145.30	0.977	-290.5920	282.1920		22110	4631.10*	145.30	0.000	4344.7080	4917.4920
	22120	406.40*	145.30	0.006	120.0080	692.7920		22120	5041.70*	145.30	0.000	4756.3080	5328.0920
	22130	478.60*	149.28	0.002	184.4491	772.8257		22130	5113.99*	149.28	0.000	4819.7491	5408.2287
	22140	174.60	145.30	0.231	-111.7920	460.9920		22140	4809.90*	145.30	0.000	4523.5080	5096.2920
	22150	425.80*	145.30	0.003	149.4080	722.1920		22150	5071.10*	145.30	0.000	4784.7080	5357.4920
	23110	-144.00	145.30	0.323	-430.3920	142.3920		22210	4635.30*	145.30	0.000	4348.9080	4921.8920
	24110	85.50	145.30	0.543	-187.8920	374.8920		23110	4491.30*	145.30	0.000	4204.9080	4777.8920
	31110	-4635.30*	145.30	0.000	-4821.8920	-4348.9080		24110	4723.80*	145.30	0.000	4437.4080	5010.1920
	90000	-4534.20*	145.30	0.000	-4821.8920	-4247.8080		90000	101.10	145.30	0.487	-185.2920	387.4920
23110	10000	3228.30*	145.30	0.000	2939.9080	3512.6920	90000	10000	7616.50*	145.30	0.000	7330.1080	7902.8920
	11110	1234.50*	145.30	0.000	948.1080	1520.8920		11110	5624.70*	145.30	0.000	5338.3080	5911.0920
	12110	1273.50*	145.30	0.000	987.1080	1559.8920		12110	5663.70*	145.30	0.000	5377.3080	5950.0920
	12120	3147.10*	145.30	0.000	2860.7080	3433.4920		12120	7537.30*	145.30	0.000	7250.9080	7823.6920
	12130	3322.60*	145.30	0.000	3036.2080	3608.9920		12130	7712.80*	145.30	0.000	7426.4080	7989.1920
	12131	1927.60*	145.30	0.000	1641.2080	2213.9920		12131	6317.80*	145.30	0.000	6031.4080	6604.1920
	12134	2388.90*	145.30	0.000	2102.5080	2675.2920		12134	6779.10*	145.30	0.000	6492.7080	7065.4920
	12140	2208.80*	145.30	0.000	1922.4080	2495.1920		12140	6599.00*	145.30	0.000	6312.6080	6885.3920
	12150	2728.60*	145.30	0.000	2440.2080	3012.9920		12150	7188.80*	145.30	0.000	6830.4080	7403.1920
	12210	1289.90*	145.30	0.000	1003.5080	1576.2920		12210	5680.10*	145.30	0.000	5393.7080	5966.4920
	13110	1781.00*	145.30	0.000	1474.6080	2047.3920		13110	6151.20*	145.30	0.000	5864.8080	6437.5920
	14110	1482.90*	145.30	0.000	1196.5080	1769.2920		14110	5873.10*	145.30	0.000	5598.7080	6159.4920
	20000	1419.60*	145.30	0.000	1133.2080	1705.9920		20000	5809.80*	145.30	0.000	5523.4080	6096.1920
	21110	144.60*	145.30	0.321	-141.7920	430.9920		21110	4534.80*	145.30	0.000	4248.4080	4821.1920
	22110	139.80	145.30	0.337	-146.5920	426.1920		22110	4530.00*	145.30	0.000	4243.6080	4816.3920
	22120	550.40*	145.30	0.000	264.0080	836.7920		22120	4940.60*	145.30	0.000	4654.2080	5226.9920
	22130	322.69*	149.28	0.003	328.4491	916.9257		22130	5012.99*	149.28	0.000	4718.6491	5307.1287
	22140	318.60	145.30	0.029	32.2080	604.9920		22140	4708.80*	145.30	0.000	4422.4080	4995.1920
	22150	579.80*	145.30	0.000	293.4080	866.1920		22150	4970.00*	145.30	0.000	4683.6080	5256.3920
	22210	144.00	145.30	0.323	-142.3920	430.3920		22210	4534.20*	145.30	0.000	4247.8080	4820.5920
	24110	232.50	145.30	0.111	-53.8920	518.8920		23110	4390.20*	145.30	0.000	4103.8080	4678.5920
	31110	-4491.30*	145.30	0.000	-4777.8920	-4204.8080		24110	4822.70*	145.30	0.000	4338.3080	4909.0920
	90000	-4390.20*	145.30	0.000	-4676.5920	-4103.8080		31110	-101.10	145.30	0.487	-387.4920	185.2920

Comp. Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
10000	11110	-4.2300*	1.4036	0.003	-6.9965	-1.4635	12120	10000	23.2140*	1.4036	0.000	20.4475	25.9805
	12110	-6.1300*	1.4036	0.000	-8.8965	-3.3635		11110	16.9640*	1.4036	0.000	16.2175	21.7505
	12120	-23.2140*	1.4036	0.000	-25.9805	-20.4475		12110	17.0640*	1.4036	0.000	14.3175	19.8505
	12130	-19.6900*	1.4036	0.000	-22.4565	-16.9235		12130	3.5240*	1.4036	0.013	0.7575	6.2905
	12131	-25.5200*	1.4036	0.000	-28.2865	-22.7535		12131	-2.3060	1.4036	0.102	-5.0725	0.4605
	12134	-28.0900*	1.4036	0.000	-30.8565	-25.3235		12134	-4.8760*	1.4036	0.001	-7.6425	-2.1095
	12140	-4.3900*	1.4036	0.002	-7.1565	-1.6235		12140	18.8240*	1.4036	0.000	16.0575	21.5905
	12150	-3.6400*	1.4036	0.010	-6.4065	-0.8735		12150	19.5740*	1.4036	0.000	16.8075	22.3405
	12210	-6.2900*	1.4036	0.000	-9.0565	-3.5235		12210	16.9240*	1.4036	0.000	14.1575	19.6905
	13110	-5.8600*	1.4036	0.000	-8.6265	-3.1235		13110	17.3240*	1.4036	0.000	14.5575	20.0905
	14110	-6.2900*	1.4036	0.000	-9.0565	-3.5235		14110	16.6240*	1.4036	0.000	14.1575	19.6905
	20000	-9.3200*	1.4036	0.000	-12.0865	-6.5535		20000	13.8940*	1.4036	0.000	11.1275	16.6605
	21110	-25.6140*	1.4036	0.000	-28.3805	-22.8475		21110	-2.4000	1.4036	0.089	-5.1665	0.3665
	22110	-31.5900*	1.4036	0.000	-34.3565	-28.8235		22110	-8.3760*	1.4036	0.000	-11.1425	-5.6095
	22120	-31.0620*	1.4036	0.000	-33.8285	-28.2965		22120	-7.8480*	1.4036	0.000	-10.6145	-5.0815
	22130	-22.1900*	1.4036	0.000	-24.9565	-19.4235		22130	1.0240	1.4036	0.466	-1.7425	3.7905
	22140	-21.7122*	1.4420	0.000	-24.5546	-18.8699		22140	1.5018	1.4420	0.299	-1.3408	4.3441
	22150	-18.6600*	1.4036	0.000	-21.4265	-15.8935		22150	4.5540*	1.4036	0.001	1.7875	7.3205
	22210	-31.2800*	1.4036	0.000	-34.0465	-28.5135		22210	-8.0860*	1.4036	0.000	-10.8325	-5.2995
	23110	-24.5500*	1.4036	0.000	-27.3165	-21.7835		23110	-1.3360	1.4036	0.342	-4.1025	1.4305
	24110	-29.2920*	1.4036	0.000	-32.0585	-26.5255		24110	-6.0780*	1.4036	0.000	-8.8445	-3.3115
	31110	-37.6380*	1.4036	0.000	-40.4045	-34.8715		31110	-14.4240*	1.4036	0.000	-17.1905	-11.6575
	90000	-37.6400*	1.4036	0.000	-40.4065	-34.8735		90000	-14.4260*	1.4036	0.000	-17.1925	-11.6595
11110	10000	4.2300*	1.4036	0.003	1.4635	6.9965	12130	10000	19.6900*	1.4036	0.000	16.9235	22.4565
	12110	-1.9000	1.4036	0.177	-4.6665	0.8665		11110	15.4600*	1.4036	0.000	12.6935	18.2265
	12120	-16.9640*	1.4036	0.000	-19.7505	-14.1775		12110	13.5600*	1.4036	0.000	10.7935	16.3265
	12130	-15.4600*	1.4036	0.000	-18.2265	-12.6935		12120	-3.5240*	1.4036	0.013	-6.2905	-0.7575
	12131	-21.2900*	1.4036	0.000	-24.0565	-18.5235		12131	-5.8300*	1.4036	0.000	-8.5965	-3.0635
	12134	-23.8600*	1.4036	0.000	-26.6265	-21.0935		12134	-8.4000*	1.4036	0.000	-11.1665	-5.6335
	12140	-0.1600	1.4036	0.979	-2.9265	2.6065		12140	15.3000*	1.4036	0.000	12.5335	18.0665
	12150	0.5900	1.4036	0.675	-2.1765	3.3565		12150	16.0500*	1.4036	0.000	13.2835	18.8165
	12210	-2.0600	1.4036	0.144	-4.8265	0.7065		12210	13.4000*	1.4036	0.000	10.6335	16.1665
	13110	-1.6600	1.4036	0.238	-4.4265	1.1065		13110	13.8000*	1.4036	0.000	11.0335	16.5665
	14110	-2.0600	1.4036	0.144	-4.8265	0.7065		14110	13.4000*	1.4036	0.000	10.6335	16.1665
	20000	-5.0900*	1.4036	0.000	-7.8565	-2.3235		20000	10.3700*	1.4036	0.000	7.6035	13.1365
	21110	-21.3640*	1.4036	0.000	-24.1505	-18.5775		21110	-5.9240*	1.4036	0.000	-8.6905	-3.1575
	22110	-27.3600*	1.4036	0.000	-30.1265	-24.5935		22110	-11.9000*	1.4036	0.000	-14.6665	-9.1335
	22120	-26.8320*	1.4036	0.000	-29.5985	-24.0665		22120	-11.3720*	1.4036	0.000	-14.1385	-8.6055
	22130	-17.9600*	1.4036	0.000	-20.7265	-15.1935		22130	-2.5000	1.4036	0.076	-5.2665	0.2665
	22140	-17.4822*	1.4420	0.000	-20.3246	-14.6399		22140	-2.0222	1.4420	0.162	-4.8648	0.8201
	22150	-14.5000*	1.4036	0.000	-17.1965	-11.8035		22150	1.0300	1.4036	0.464	-1.7365	3.7905
	22210	-27.0500*	1.4036	0.000	-29.8165	-24.2835		22210	-11.5900*	1.4036	0.000	-14.3665	-8.8235
	23110	-20.3200*	1.4036	0.000	-23.0865	-17.5535		23110	-4.8600*	1.4036	0.001	-7.6265	-2.0935
	24110	-25.0620*	1.4036	0.000	-27.8285	-22.2965		24110	-9.6020*	1.4036	0.000	-12.3685	-6.8355
	31110	-33.4080*	1.4036	0.000	-36.1745	-30.6415		31110	-17.9480*	1.4036	0.000	-20.7145	-15.1815
	90000	-33.4100*	1.4036	0.000	-36.1765	-30.6435		90000	-17.9500*	1.4036	0.000	-20.7165	-15.1835

Comp. Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
12110	10000	6.1300*	1.4036	0.000	3.3635	8.8965	12131	10000	25.5200*	1.4036	0.000	22.7535	28.2865
	11110	1.9000*	1.4036	0.177	-0.8665	4.6665		11110	21.2900*	1.4036	0.000	18.5235	24.0565
	12120	-17.0840*	1.4036	0.000	-19.8505	-14.3175		12110	19.3900*	1.4036	0.000	16.6235	22.1565
	12130	-13.5600*	1.4036	0.000	-16.3265	-10.7935		12120	2.3060	1.4036	0.102	-0.4605	5.0725
	12131	-19.3900*	1.4036	0.000	-22.1565	-16.6235		12130	5.8300*	1.4036	0.000	3.0635	8.5965
	12134	-21.9600*	1.4036	0.000	-24.7265	-19.1935		12134	-2.5700	1.4036	0.068	-5.3365	0.1965
	12140	1.7400	1.4036	0.216	-1.0265	4.5065		12140	21.1300*	1.4036	0.000	18.3635	23.8965
	12150	2.4900	1.4036	0.077	-0.2765	5.2565		12150	21.8800*	1.4036	0.000	19.1135	24.6465
	12210	-0.1600	1.4036	0.909	-2.9265	2.6065		12210	19.2300*	1.4036	0.000	16.4635	21.9965
	13110	0.2400	1.4036	0.864	-2.5265	3.0065		13110	19.6300*	1.4036	0.000	16.8635	22.3965
	14110	-0.1600	1.4036	0.909	-2.9265	2.6065		14110	19.2300*	1.4036	0.000	16.4635	21.9965
	20000	-3.1900*	1.4036	0.024	-5.9565	-0.4235		20000	16.2000*	1.4036	0.000	13.4335	18.9665
	21110	-19.4840*	1.4036	0.000	-22.2505	-16.7175		21110	-0.0940	1.4036	0.947	-2.8605	2.6725
	22110	-25.4600*	1.4036	0.000	-28.2265	-22.6935		22110	-6.0700*	1.4036	0.000	-8.8365	-3.3035
	22120	-24.9320*	1.4036	0.000	-27.6985	-22.1655		22120	-5.5420*	1.4036	0.000	-8.3085	-2.7755
	22130	-16.0600*	1.4036	0.000	-18.8265	-13.2935		22130	3.3300*	1.4036	0.019	0.5635	6.0965
	22140	-15.5822*	1.4420	0.000	-18.4246	-12.7399		22140	3.8078*	1.4420	0.009	0.9654	6.6501
	22150	-12.5300*	1.4036	0.000	-15.2965	-9.7635		22150	6.8600*	1.4036	0.000	4.0935	9.6265
	22210	-25.1500*	1.4036	0.000	-27.9165	-22.3835		22210	-5.7600*	1.4036	0.000	-8.5265	-2.9935
	23110	-18.4200*	1.4036	0.000	-21.1865	-15.6535		23110	0.9700	1.4036	0.490	-1.7965	3.7365
	24110	-23.1620*	1.4036	0.000	-25.9285	-20.3955		24110	-3.7720*	1.4036	0.006	-6.5365	-1.0055
	31110	-31.5080*	1.4036	0.000	-34.2745	-28.7415		31110	-12.1180*	1.4036	0.000	-14.8845	-9.3515
	90000	-31.5100*	1.4036	0.000	-34.2765	-28.7435		90000	-12.1200*	1.4036	0.000	-14.8865	-9.3535
12134	10000	28.0900*	1.4036	0.000	25.3235	30.8565	12210	10000	6.2900*	1.4036	0.000	3.5235	9.0565
	11110	23.8900*	1.4036	0.000	21.0935	26.6865		11110	2.0600	1.4036	0.144	-0.7065	4.6265
	12110	21.9600*	1.4036	0.000	19.1935	24.7265		12110	0.1600	1.4036	0.909	-2.6085	2.9265
	12120	4.8760*	1.4036	0.001	2.1095	7.6425		12120	-16.9240*	1.4036	0.000	-19.6905	-14.1575
	12130	8.4000*	1.4036	0.000	5.6335	11.1665		12130	-13.4000*	1.4036	0.000	-16.1665	-10.6335
	12131	2.5700	1.4036	0.068	-0.1985	5.3365		12131	-19.2300*	1.4036	0.000	-21.9965	-16.4635
	12140	23.7000*	1.4036	0.000	20.9335	26.4665		12134	-21.8000*	1.4036	0.000	-24.5665	-19.0335
	12150	24.4500*	1.4036	0.000	21.6835	27.2165		12140	1.9000	1.4036	0.177	-0.8665	4.6665
	12210	21.8000*	1.4036	0.000	19.0335	24.5665		12150	2.6500	1.4036	0.080	-0.1165	5.4165
	13110	22.2000*	1.4036	0.000	19.4335	24.9665		13110	0.4000	1.4036	0.776	-2.3665	3.1665
	14110	21.8000*	1.4036	0.000	19.0335	24.5665		14110	0.0000	1.4036	1.000	-2.7665	2.7665
	20000	18.7700*	1.4036	0.000	16.0035	21.5365		20000	-3.0300*	1.4036	0.032	-5.7965	-0.2635
	21110	2.4760	1.4036	0.079	-0.2905	5.2425		21110	-19.3240*	1.4036	0.000	-22.0905	-16.5575
	22110	-3.5000*	1.4036	0.013	-6.2665	-0.7335		22110	-25.3000*	1.4036	0.000	-28.0665	-22.5335
	22120	-2.9720*	1.4036	0.035	-5.7385	-0.2055		22120	-24.7720*	1.4036	0.000	-27.5365	-22.0055
	22130	5.9000*	1.4036	0.000	3.1335	8.6665		22130	-15.8000*	1.4036	0.000	-18.6665	-13.1335
	22140	6.3778*	1.4420	0.000	3.5354	9.2201		22140	-15.4222*	1.4420	0.000	-18.2226	-12.5799
	22150	9.4300*	1.4036	0.000	6.6635	12.1965		22150	-12.3700*	1.4036	0.000	-15.1365	-9.6035
	22210	-3.1800*	1.4036	0.024	-5.9565	-0.4235		22210	-24.9800*	1.4036	0.000	-27.7565	-22.2235
	23110	3.5400*	1.4036	0.012	0.7735	6.3065		23110	-18.2800*	1.4036	0.000	-21.0265	-15.4935
	24110	-1.2020	1.4036	0.393	-3.9685	1.5645		24110	-23.0020*	1.4036	0.000	-25.7665	-20.2355
	31110	-9.5480*	1.4036	0.000	-12.3145	-6.7815		31110	-31.3480*	1.4036	0.000	-34.1145	-28.5815
	90000	-9.5500*	1.4036	0.000	-12.3165	-6.7835		90000	-31.3500*	1.4036	0.000	-34.1165	-28.5835

Comp. Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
12140	10000	4.3900*	1.4036	0.002	1.6235	7.1565	13110	10000	5.8900*	1.4036	0.000	3.1235	8.6565
	11110	0.1600	1.4036	0.909	-2.6065	2.9265		11110	1.6600	1.4036	0.238	-1.1065	4.4265
	12110	-1.7400	1.4036	0.216	-4.5095	1.0295		12110	-0.2400	1.4036	0.864	-3.0065	2.5265
	12120	-18.8240*	1.4036	0.000	-21.5905	-16.0575		12120	-17.3240*	1.4036	0.000	-20.0905	-14.5575
	12130	-15.3000*	1.4036	0.000	-18.0665	-12.5335		12130	-13.8000*	1.4036	0.000	-16.5665	-11.0335
	12131	-21.1300*	1.4036	0.000	-23.8965	-18.3635		12131	-19.6300*	1.4036	0.000	-22.3965	-16.8635
	12134	-23.7000*	1.4036	0.000	-26.4665	-20.9335		12134	-22.2000*	1.4036	0.000	-24.8665	-19.4335
	12150	0.7500	1.4036	0.524	-2.0165	3.5165		12140	1.5000	1.4036	0.286	-1.2665	4.2665
	12210	-1.9000	1.4036	0.177	-4.6665	0.8665		12150	2.2500	1.4036	0.110	-0.5165	5.0165
	13110	-1.5000	1.4036	0.286	-4.2665	1.2665		12210	-0.4000	1.4036	0.776	-3.1665	2.3665
	14110	-1.9000	1.4036	0.177	-4.6665	0.8665		14110	-0.4000	1.4036	0.776	-3.1665	2.3665
	20000	-4.9300*	1.4036	0.001	-7.6965	-2.1635		20000	-3.4300*	1.4036	0.015	-6.1965	-0.6635
	21110	-21.2240*	1.4036	0.000	-23.9905	-18.4575		21110	-19.7240*	1.4036	0.000	-22.4905	-16.9575
	22110	-27.2000*	1.4036	0.000	-29.9665	-24.4335		22110	-25.7000*	1.4036	0.000	-28.4665	-22.9335
	22120	-26.6720*	1.4036	0.000	-29.4385	-23.9055		22120	-25.1720*	1.4036	0.000	-27.9385	-22.4055
	22130	-17.8000*	1.4036	0.000	-20.5665	-15.0335		22130	-16.3000*	1.4036	0.000	-19.0665	-13.5335
	22140	-17.3222*	1.4420	0.000	-20.1646	-14.4799		22140	-15.8222*	1.4420	0.000	-18.6646	-12.9799
	22150	-14.2700*	1.4036	0.000	-17.0365	-11.5035		22150	-12.7700*	1.4036	0.000	-15.5365	-10.0035
	22210	-28.8900*	1.4036	0.000	-31.6565	-26.1235		22210	-27.3900*	1.4036	0.000	-30.1565	-24.6235
	23110	-20.1600*	1.4036	0.000	-22.9265	-17.3935		23110	-18.6600*	1.4036	0.000	-21.4265	-15.8935
	24110	-24.9020*	1.4036	0.000	-27.6685	-22.1355		24110	-23.4020*	1.4036	0.000	-26.1685	-20.6355
	31110	-33.2480*	1.4036	0.000	-36.0145	-30.4815		31110	-31.7480*	1.4036	0.000	-34.5145	-28.9815
	90000	-33.2500*	1.4036	0.000	-36.0165	-30.4835		90000	-31.7500*	1.4036	0.000	-34.5165	-28.9835
12150	10000	3.6400*	1.4036	0.010	0.8735	6.4065	14110	10000	6.2900*	1.4036	0.000	3.5235	9.0565
	11110	-0.5600	1.4036	0.675	-3.3565	2.1765		11110	2.0600	1.4036	0.144	-0.7065	4.6265
	12110	-2.4800	1.4036	0.077	-5.2565	0.2765		12110	0.1600	1.4036	0.909	-2.6065	2.9265
	12120	-19.5740*	1.4036	0.000	-22.3405	-16.8075		12120	-16.9240*	1.4036	0.000	-19.6905	-14.1575
	12130	-16.0500*	1.4036	0.000	-18.8165	-13.2835		12130	-13.4000*	1.4036	0.000	-16.1665	-10.6335
	12131	-21.6800*	1.4036	0.000	-24.4465	-18.9135		12131	-19.2300*	1.4036	0.000	-21.9965	-16.4635
	12134	-24.4500*	1.4036	0.000	-27.2165	-21.6835		12134	-21.8000*	1.4036	0.000	-24.5665	-19.0335
	12140	-0.7500	1.4036	0.594	-3.5165	2.0165		12140	1.9000	1.4036	0.177	-0.8665	4.6665
	12210	-2.6500	1.4036	0.060	-5.4165	0.1165		12150	2.6500	1.4036	0.060	-0.1165	5.4165
	13110	-2.2500	1.4036	0.110	-5.0165	0.5165		12210	0.0000	1.4036	1.000	-2.7665	2.7665
	14110	-2.6500*	1.4036	0.060	-5.4165	0.1165		13110	0.4000	1.4036	0.776	-2.3665	3.1665
	20000	-5.6800*	1.4036	0.000	-8.4465	-2.9135		20000	-3.0300*	1.4036	0.032	-5.7965	-0.2635
	21110	-21.9740*	1.4036	0.000	-24.7405	-19.2075		21110	-19.3240*	1.4036	0.000	-22.0905	-16.5575
	22110	-27.9500*	1.4036	0.000	-30.7165	-25.1835		22110	-25.3000*	1.4036	0.000	-28.0665	-22.5335
	22120	-27.4220*	1.4036	0.000	-30.1885	-24.6555		22120	-24.7720*	1.4036	0.000	-27.5385	-22.0055
	22130	-18.5500*	1.4036	0.000	-21.3165	-15.7835		22130	-15.9000*	1.4036	0.000	-18.6665	-13.1335
	22140	-16.0722*	1.4420	0.000	-18.9146	-13.2299		22140	-15.4222*	1.4420	0.000	-18.2646	-12.5799
	22150	-15.0200*	1.4036	0.000	-17.7865	-12.2535		22150	-12.3700*	1.4036	0.000	-15.1365	-9.6035
	22210	-27.6400*	1.4036	0.000	-30.4065	-24.8735		22210	-24.9900*	1.4036	0.000	-27.7565	-22.2235
	23110	-20.9100*	1.4036	0.000	-23.6765	-18.1435		23110	-18.2800*	1.4036	0.000	-21.0265	-15.4835
	24110	-25.6520*	1.4036	0.000	-28.4185	-22.8855		24110	-23.0020*	1.4036	0.000	-25.7685	-20.2355
	31110	-33.9980*	1.4036	0.000	-36.7645	-31.2315		31110	-31.3480*	1.4036	0.000	-34.1145	-28.5815
	90000	-34.0000*	1.4036	0.000	-36.7665	-31.2335		90000	-31.3500*	1.4036	0.000	-34.1165	-28.5835

Comp. Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
20000	10000	9.3200*	1.4036	0.000	6.5535	12.0865	22120	10000	31.0620*	1.4036	0.000	28.2955	33.8285
	11110	5.0900*	1.4036	0.000	2.3225	7.8565		11110	26.8320*	1.4036	0.000	24.0655	29.5985
	12110	3.1900*	1.4036	0.024	0.4225	5.9565		12110	24.9320*	1.4036	0.000	22.1655	27.6985
	12120	-13.8940*	1.4036	0.000	-16.6605	-11.1275		12120	7.8480*	1.4036	0.000	5.0815	10.6145
	12130	-10.3700*	1.4036	0.000	-13.1365	-7.6035		12130	11.3720*	1.4036	0.000	8.6055	14.1385
	12131	-16.2000*	1.4036	0.000	-18.9665	-13.4335		12131	5.5420*	1.4036	0.000	2.7755	8.3085
	12134	-16.7700*	1.4036	0.000	-19.5365	-14.0035		12134	2.9720*	1.4036	0.035	0.2055	5.7385
	12140	4.9300*	1.4036	0.001	2.1635	7.6965		12140	26.6720*	1.4036	0.000	23.9055	29.4385
	12150	5.6900*	1.4036	0.000	2.9135	8.4465		12150	27.4220*	1.4036	0.000	24.6555	30.1885
	12210	3.0300*	1.4036	0.032	0.2635	5.7965		12210	24.7720*	1.4036	0.000	22.0055	27.5385
	13110	3.4300*	1.4036	0.015	0.6635	6.1965		13110	25.1720*	1.4036	0.000	22.4055	27.9385
	14110	3.0300*	1.4036	0.032	0.2635	5.7965		14110	24.7720*	1.4036	0.000	22.0055	27.5385
	21110	-16.2940*	1.4036	0.000	-19.0605	-13.5275		20000	21.7420*	1.4036	0.000	18.9755	24.5085
	22110	-22.2700*	1.4036	0.000	-25.0365	-19.5035		21110	5.4480*	1.4036	0.000	2.6815	8.2145
	22120	-21.7420*	1.4036	0.000	-24.5065	-18.9775		22110	-0.5280	1.4036	0.707	-3.2945	2.2385
	22130	-12.6700*	1.4036	0.000	-15.4365	-10.1035		22130	8.6720*	1.4036	0.000	6.1055	11.6385
	22140	-12.3622*	1.4420	0.000	-15.2346	-9.5499		22140	9.3498*	1.4420	0.000	6.5074	12.1921
	22150	-9.3400*	1.4036	0.000	-12.1065	-6.5735		22150	12.4020*	1.4036	0.000	9.6355	15.1685
	22210	-21.9600*	1.4036	0.000	-24.7265	-19.1935		22210	-0.2180	1.4036	0.877	-2.9645	2.5485
	23110	-15.2300*	1.4036	0.000	-17.9965	-12.4635		23110	6.5120*	1.4036	0.000	3.7455	9.2785
	24110	-19.9720*	1.4036	0.000	-22.7385	-17.2055		24110	1.7700	1.4036	0.209	-0.9885	4.5365
	31110	-26.3180*	1.4036	0.000	-29.0845	-23.5515		31110	-6.5760*	1.4036	0.000	-9.3425	-3.8095
	90000	-26.3200*	1.4036	0.000	-29.0865	-23.5535		90000	-6.5780*	1.4036	0.000	-9.3445	-3.8115
21110	10000	25.6140*	1.4036	0.000	22.8475	28.3805	22130	10000	22.1900*	1.4036	0.000	19.4225	24.9565
	11110	21.3840*	1.4036	0.000	18.6175	24.1505		11110	17.9600*	1.4036	0.000	15.1935	20.7285
	12110	19.4840*	1.4036	0.000	16.7175	22.2505		12110	16.0600*	1.4036	0.000	13.2935	18.8285
	12120	2.4000	1.4036	0.089	-0.3685	5.1685		12120	-1.0240	1.4036	0.466	-3.7905	1.7425
	12130	5.9240*	1.4036	0.000	3.1575	8.6905		12130	2.5000	1.4036	0.076	-0.2685	5.2685
	12131	0.0940	1.4036	0.947	-2.6725	2.8605		12131	-3.3300*	1.4036	0.019	-6.0665	-0.5635
	12134	-2.4760	1.4036	0.079	-5.2425	0.2905		12134	-5.9000*	1.4036	0.000	-8.6685	-3.1335
	12140	21.2240*	1.4036	0.000	18.4575	23.9905		12140	17.8000*	1.4036	0.000	15.0335	20.5685
	12150	21.9740*	1.4036	0.000	19.2075	24.7405		12150	18.5500*	1.4036	0.000	15.7835	21.3165
	12210	19.3240*	1.4036	0.000	16.5575	22.0905		12210	15.9000*	1.4036	0.000	13.1335	18.6685
	13110	19.7240*	1.4036	0.000	16.9575	22.4905		13110	16.3000*	1.4036	0.000	13.5335	19.0685
	14110	19.3240	1.4036	0.000	16.5575	22.0905		14110	15.9000*	1.4036	0.000	13.1335	18.6685
	20000	16.2940*	1.4036	0.000	13.5275	19.0605		20000	12.8700*	1.4036	0.000	10.1035	15.6385
	22110	-5.9760*	1.4036	0.000	-8.7425	-3.2095		21110	-3.4240*	1.4036	0.016	-6.1905	-0.6575
	22120	-5.4460*	1.4036	0.000	-8.2145	-2.6815		22110	9.4000*	1.4036	0.000	-12.1685	-6.6335
	22130	3.4240*	1.4036	0.016	0.6575	6.1905		22120	-8.6720*	1.4036	0.000	-11.6385	-6.1055
	22140	3.9016*	1.4420	0.007	1.0594	6.7441		22140	0.4778	1.4420	0.741	-2.3648	3.3201
	22150	6.9540*	1.4036	0.000	4.1875	9.7205		22150	3.5300*	1.4036	0.013	0.7835	6.2965
	22210	-6.6660*	1.4036	0.000	-9.4325	-3.8995		22210	-9.0900*	1.4036	0.000	-11.8565	-6.3235
	23110	1.0640	1.4036	0.449	-1.7025	3.6305		23110	-2.3600	1.4036	0.084	-5.1285	0.4085
	24110	-3.6780*	1.4036	0.009	-6.4445	-0.9115		24110	-7.1020*	1.4036	0.000	-9.8685	-4.3355
	31110	-12.0240*	1.4036	0.000	-14.7905	-9.2575		31110	-15.4480*	1.4036	0.000	-18.2145	-12.6815
	90000	-12.0260*	1.4036	0.000	-14.7925	-9.2595		90000	-15.4500*	1.4036	0.000	-18.2165	-12.6835

Comp. Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
22110	10000	31.5900*	1.4036	0.000	28.8235	34.3565	22140	10000	21.7122*	1.4420	0.000	18.8699	24.5546
	11110	27.3600*	1.4036	0.000	24.5935	30.1265		11110	17.4822*	1.4420	0.000	14.6399	20.3246
	12110	25.4600*	1.4036	0.000	22.6935	28.2265		12110	15.5822*	1.4420	0.000	12.7399	18.4246
	12120	8.3760*	1.4036	0.000	5.6065	11.1425		12120	-1.5018	1.4420	0.299	-4.3441	1.3406
	12130	11.9000*	1.4036	0.000	9.1335	14.6665		12130	2.0222	1.4420	0.162	-0.8201	4.8646
	12131	6.0700*	1.4036	0.000	3.3035	8.6365		12131	-3.8076*	1.4420	0.009	-6.6501	-0.9654
	12134	3.5000*	1.4036	0.013	0.7335	6.2665		12134	-6.3776*	1.4420	0.000	-9.2201	-3.5354
	12140	27.2000*	1.4036	0.000	24.4335	29.9665		12140	17.3222*	1.4420	0.000	14.4799	20.1646
	12150	27.9500*	1.4036	0.000	25.1835	30.7165		12150	18.0722*	1.4420	0.000	15.2299	20.9146
	12210	25.3000*	1.4036	0.000	22.5335	28.0665		12210	15.4222*	1.4420	0.000	12.5799	18.2646
	13110	25.7000*	1.4036	0.000	22.9335	28.4665		13110	15.8222*	1.4420	0.000	12.9799	18.6646
	14110	25.3000*	1.4036	0.000	22.5335	28.0665		14110	15.4222*	1.4420	0.000	12.5799	18.2646
	20000	22.2700*	1.4036	0.000	19.5035	25.0365		20000	12.3922*	1.4420	0.000	9.5499	15.2346
	21110	5.9780*	1.4036	0.000	3.2095	8.7425		21110	-3.9016*	1.4420	0.007	-6.7441	-1.0594
	22120	0.5280	1.4036	0.707	-2.2385	3.2945		22110	-8.8776*	1.4420	0.000	-12.7201	-7.0354
	22130	9.4000*	1.4036	0.000	6.6335	12.1665		22120	-8.3486*	1.4420	0.000	-12.1921	-6.5074
	22140	9.8776*	1.4420	0.000	7.0354	12.7201		22130	-0.4778	1.4420	0.741	-3.3201	2.3646
	22150	12.9300*	1.4036	0.000	10.1635	15.6965		22150	3.0522*	1.4420	0.035	0.2099	5.8946
	22210	0.3100	1.4036	0.825	-2.4565	3.0765		22210	-9.5676*	1.4420	0.000	-12.4101	-6.7254
	23110	7.0400*	1.4036	0.000	4.2735	9.8065		23110	-2.6378	1.4420	0.050	-5.6801	0.0046
	24110	2.2960	1.4036	0.103	-0.4665	5.0645		24110	-7.5796*	1.4420	0.000	-10.4221	-4.7374
	31110	-6.0480*	1.4036	0.000	-8.8145	-3.2815		31110	-15.8258*	1.4420	0.000	-18.7681	-13.0834
	90000	-6.0500*	1.4036	0.000	-8.8165	-3.2835		90000	-15.8278*	1.4420	0.000	-18.7701	-13.0854
22150	10000	18.6600*	1.4036	0.000	15.8935	21.4265	24110	10000	29.2920*	1.4036	0.000	26.5255	32.0585
	11110	14.4300*	1.4036	0.000	11.6635	17.1965		11110	25.0620*	1.4036	0.000	22.2955	27.8285
	12110	12.5300*	1.4036	0.000	9.7635	15.2965		12110	23.1620*	1.4036	0.000	20.3955	25.9285
	12120	-4.5540*	1.4036	0.001	-7.3205	-1.7875		12120	6.0780*	1.4036	0.000	3.3115	8.8445
	12130	-1.0300*	1.4036	0.464	-3.7865	1.7365		12130	9.6020*	1.4036	0.000	6.8355	12.3685
	12131	-6.8600*	1.4036	0.000	-9.6295	-4.0935		12131	3.7720*	1.4036	0.008	1.0055	6.5385
	12134	-9.4300*	1.4036	0.000	-12.1965	-6.6635		12134	1.2020	1.4036	0.393	-1.5645	3.9685
	12140	14.2700*	1.4036	0.000	11.5035	17.0365		12140	24.9020*	1.4036	0.000	22.1355	27.6685
	12150	15.0200*	1.4036	0.000	12.2535	17.7865		12150	25.6520*	1.4036	0.000	22.8855	28.4185
	12210	12.3700*	1.4036	0.000	9.6035	15.1365		12210	23.0020*	1.4036	0.000	20.2355	25.7685
	13110	12.7700*	1.4036	0.000	10.0035	15.5365		13110	23.4020*	1.4036	0.000	20.6355	26.1685
	14110	12.3700*	1.4036	0.000	9.6035	15.1365		14110	23.0020*	1.4036	0.000	20.2355	25.7685
	20000	9.3400*	1.4036	0.000	6.5735	12.1065		20000	19.9720*	1.4036	0.000	17.2055	22.7385
	21110	-8.9540*	1.4036	0.000	-11.7205	-6.1875		21110	3.6780*	1.4036	0.009	0.9115	6.4445
	22110	-12.6300*	1.4036	0.000	-15.4965	-9.7635		22110	-2.2960	1.4036	0.103	-5.0645	0.4685
	22120	-12.4020*	1.4036	0.000	-15.1865	-9.6185		22120	-1.7700	1.4036	0.209	-4.5395	1.0895
	22130	-3.5300*	1.4036	0.013	-6.2965	-0.7635		22130	7.1020*	1.4036	0.000	4.3355	9.8685
	22140	-3.0522*	1.4420	0.035	-5.8946	-0.2099		22140	7.5796*	1.4420	0.000	4.7374	10.4221
	22210	-12.6200*	1.4036	0.000	-15.3865	-9.8535		22150	10.6320*	1.4036	0.000	7.8655	13.3985
	23110	-5.8600*	1.4036	0.000	-8.6565	-3.1235		22210	-1.9880	1.4036	0.156	-4.7545	0.7785
	24110	-10.6320*	1.4036	0.000	-13.3985	-7.8655		23110	4.7420*	1.4036	0.001	1.9755	7.5085
	31110	-18.9780*	1.4036	0.000	-21.7445	-16.2115		31110	-8.3480*	1.4036	0.000	-11.1125	-5.5795
	90000	-18.9800*	1.4036	0.000	-21.7465	-16.2135		90000	-8.3480*	1.4036	0.000	-11.1145	-5.5815

Comp. Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
22210	10000	31.2800*	1.4036	0.000	28.5135	34.0465	31110	10000	37.6380*	1.4036	0.000	34.8715	40.4045
	11110	27.0500*	1.4036	0.000	24.2835	29.8165		11110	33.4080*	1.4036	0.000	30.6415	36.1745
	12110	25.1500*	1.4036	0.000	22.3835	27.9165		12110	31.5080*	1.4036	0.000	28.7415	34.2745
	12120	8.0680*	1.4036	0.000	5.2985	10.8325		12120	14.4240*	1.4036	0.000	11.6575	17.1905
	12130	11.5600*	1.4036	0.000	8.8235	14.3565		12130	17.9480*	1.4036	0.000	15.1815	20.7145
	12131	5.7600*	1.4036	0.000	2.9935	8.5265		12131	12.1180*	1.4036	0.000	9.3515	14.8845
	12134	3.1900*	1.4036	0.024	0.4235	5.9565		12134	9.5480*	1.4036	0.000	6.7815	12.3145
	12140	26.8600*	1.4036	0.000	24.1235	29.6565		12140	33.2480*	1.4036	0.000	30.4815	36.0145
	12150	27.6400*	1.4036	0.000	24.8735	30.4065		12150	33.9980*	1.4036	0.000	31.2315	36.7645
	12210	24.9900*	1.4036	0.000	22.2235	27.7565		12210	31.3480*	1.4036	0.000	28.5815	34.1145
	13110	25.3900*	1.4036	0.000	22.6235	28.1565		13110	31.7480*	1.4036	0.000	28.9815	34.5145
	14110	24.9900*	1.4036	0.000	22.2235	27.7565		14110	31.3480*	1.4036	0.000	28.5815	34.1145
	20000	21.9600*	1.4036	0.000	19.1935	24.7265		20000	28.3180*	1.4036	0.000	25.5515	31.0845
	21110	5.6880*	1.4036	0.000	2.8985	8.4325		21110	12.0240*	1.4036	0.000	9.2575	14.7905
	22110	-0.3100	1.4036	0.825	-3.0765	2.4565		22110	6.0480*	1.4036	0.000	3.2815	8.8145
	22120	0.2180	1.4036	0.877	-2.5485	2.9645		22120	6.5780*	1.4036	0.000	3.8065	9.3425
	22130	9.0900*	1.4036	0.000	6.3235	11.8565		22130	15.4480*	1.4036	0.000	12.6815	18.2145
	22140	9.5678*	1.4420	0.000	6.7254	12.4101		22140	15.9258*	1.4420	0.000	13.0834	18.7681
	22150	12.6200*	1.4036	0.000	9.8535	15.3865		22150	18.9780*	1.4036	0.000	16.2115	21.7445
	23110	6.7300*	1.4036	0.000	3.9635	9.4965		22210	6.3580*	1.4036	0.000	3.5915	9.1245
	24110	1.9880	1.4036	0.158	-0.7785	4.7545		23110	13.0680*	1.4036	0.000	10.3215	15.8545
	31110	-6.3580*	1.4036	0.000	-9.1245	-3.5915		24110	6.3480*	1.4036	0.000	3.5785	11.1125
	90000	-6.3600*	1.4036	0.000	-9.1265	-3.5935		90000	-0.0020	1.4036	0.999	-2.7685	2.7645
23110	10000	24.5500*	1.4036	0.000	21.7835	27.3165	90000	10000	37.8400*	1.4036	0.000	34.8735	40.4065
	11110	20.3200*	1.4036	0.000	17.5535	23.0865		11110	33.4100*	1.4036	0.000	30.6435	36.1765
	12110	18.4200*	1.4036	0.000	15.6535	21.1865		12110	31.5100*	1.4036	0.000	28.7435	34.2765
	12120	1.3380	1.4036	0.342	-1.4305	4.1025		12120	14.4280*	1.4036	0.000	11.6595	17.1925
	12130	4.8600*	1.4036	0.001	2.0935	7.6265		12130	17.9500*	1.4036	0.000	15.1835	20.7165
	12131	-0.9700	1.4036	0.480	-3.7365	1.7965		12131	12.1200*	1.4036	0.000	9.3535	14.8865
	12134	-3.5400*	1.4036	0.012	-6.3085	-0.7735		12134	9.5500*	1.4036	0.000	6.7835	12.3165
	12140	20.1600*	1.4036	0.000	17.3935	22.9265		12140	33.2500*	1.4036	0.000	30.4835	36.0165
	12150	20.9100*	1.4036	0.000	18.1435	23.6765		12150	34.0000*	1.4036	0.000	31.2335	36.7665
	12210	18.2600*	1.4036	0.000	15.4835	21.0265		12210	31.3500*	1.4036	0.000	28.5835	34.1165
	13110	18.6600*	1.4036	0.000	15.8835	21.4265		13110	31.7500*	1.4036	0.000	28.9835	34.5165
	14110	18.2600*	1.4036	0.000	15.4835	21.0265		14110	31.3500*	1.4036	0.000	28.5835	34.1165
	20000	15.2300*	1.4036	0.000	12.4635	17.9965		20000	28.3200*	1.4036	0.000	25.5535	31.0865
	21110	-1.0640	1.4036	0.449	-3.8305	1.7025		21110	12.0280*	1.4036	0.000	9.2595	14.7925
	22110	-7.0400*	1.4036	0.000	-9.8065	-4.2735		22110	6.0500*	1.4036	0.000	3.2835	8.8165
	22120	-6.5120*	1.4036	0.000	-9.2785	-3.7455		22120	6.5780*	1.4036	0.000	3.8115	9.3445
	22130	2.3600	1.4036	0.094	-0.4065	5.1265		22130	15.4500*	1.4036	0.000	12.6835	18.2165
	22140	2.8378	1.4420	0.050	-0.0048	5.6801		22140	15.9278*	1.4420	0.000	13.0854	18.7701
	22150	5.8900*	1.4036	0.000	3.1235	8.6565		22150	18.9800*	1.4036	0.000	16.2135	21.7465
	22210	-6.7300*	1.4036	0.000	-9.4985	-3.9635		22210	6.3600*	1.4036	0.000	3.5935	9.1265
	24110	-4.7420*	1.4036	0.001	-7.5085	-1.9755		23110	13.0800*	1.4036	0.000	10.3235	15.8565
	31110	-13.0880*	1.4036	0.000	-15.8545	-10.3215		24110	6.3480*	1.4036	0.000	3.5815	11.1145
	90000	-13.0900*	1.4036	0.000	-15.8565	-10.3235		31110	0.0020	1.4036	0.999	-2.7645	2.7685

WA Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
10000	12110	111.1550*	1.9875	0.000	107.2188	115.0912	12120	10000	-86.6320*	1.9875	0.000	-90.5682	-82.6958
	12120	86.6320*	1.9875	0.000	82.6958	90.5682		12110	24.5230*	1.9875	0.000	20.5868	28.4592
	12130	84.7840*	1.9875	0.000	80.8478	88.7202		12130	-1.8480	1.9875	0.354	-6.7842	2.0882
	12140	67.8510*	1.9875	0.000	63.9148	71.7872		12140	-18.7810*	1.9875	0.000	-22.7172	-14.8448
	12150	39.3920*	1.9875	0.000	35.4558	43.3282		12150	-47.2400*	1.9875	0.000	-51.1762	-43.3038
	20000	64.6780*	1.9875	0.000	60.7398	68.6122		20000	-21.9560*	1.9875	0.000	-25.8922	-18.0198
	22110	123.3210*	1.9875	0.000	119.3848	127.2572		22110	36.8880*	1.9875	0.000	32.7528	40.6252
	22120	98.9330*	1.9875	0.000	92.9868	100.8992		22120	10.3010*	1.9875	0.000	6.3648	14.2372
	22130	85.2040*	1.9875	0.000	81.2678	89.1402		22130	-1.4280	1.9875	0.474	-5.3842	2.5082
	22140	86.5430*	1.9875	0.000	82.6068	90.4792		22140	-0.0880*	1.9875	0.964	-4.0252	3.8472
	22150	78.4680*	1.9875	0.000	72.5318	80.4042		22150	-10.1840*	1.9875	0.000	-14.1002	-6.2278
	90000	131.8380*	1.9875	0.000	128.0018	135.6742		90000	45.3060*	1.9875	0.000	41.3696	49.2422
12110	10000	-111.1550*	1.9875	0.000	-115.0912	-107.2188	12130	10000	-84.7840*	1.9875	0.000	-88.7202	-80.8478
	12120	-24.5230*	1.9875	0.000	-28.4592	-20.5868		12110	28.3710*	1.9875	0.000	22.4348	30.3072
	12130	-26.3710*	1.9875	0.000	-30.3072	-22.4348		12120	1.8480*	1.9875	0.354	-2.0882	5.7842
	12140	-43.3040*	1.9875	0.000	-47.2402	-39.3678		12140	-16.9330*	1.9875	0.000	-20.8692	-12.9968
	12150	-71.7630*	1.9875	0.000	-75.6992	-67.8288		12150	-45.3820*	1.9875	0.000	-49.3282	-41.4558
	20000	-46.4790*	1.9875	0.000	-50.4152	-42.5428		20000	-20.1080*	1.9875	0.000	-24.0442	-16.1718
	22110	12.1660*	1.9875	0.000	8.2298	16.1022		22110	38.5370*	1.9875	0.000	34.6008	42.4732
	22120	-14.2220*	1.9875	0.000	-18.1582	-10.2858		22120	12.1480*	1.9875	0.000	8.2128	16.0852
	22130	-25.9510*	1.9875	0.000	-29.8872	-22.0148		22130	0.4200	1.9875	0.833	-3.5162	4.3562
	22140	-24.6120*	1.9875	0.000	-28.5482	-20.6758		22140	1.7580	1.9875	0.378	-2.1772	5.6952
	22150	-34.6870*	1.9875	0.000	-38.6232	-30.7508		22150	-8.3180*	1.9875	0.000	-12.2522	-4.3798
	90000	20.7830*	1.9875	0.000	16.8468	24.7192		90000	47.1540*	1.9875	0.000	43.2178	51.0902
12140	10000	-67.8510*	1.9875	0.000	-71.7872	-63.9148	20000	10000	-64.6780*	1.9875	0.000	-68.6122	-60.7398
	12110	43.3040*	1.9875	0.000	39.3678	47.2402		12110	46.4790*	1.9875	0.000	42.5428	50.4152
	12120	18.7810*	1.9875	0.000	14.8448	22.7172		12120	21.9560*	1.9875	0.000	18.0198	25.8922
	12130	16.9330*	1.9875	0.000	12.9868	20.8692		12130	20.1080*	1.9875	0.000	16.1718	24.0442
	12150	-28.4560*	1.9875	0.000	-32.3922	-24.5228		12140	3.1730	1.9875	0.113	-0.7612	7.1112
	20000	-3.1750	1.9875	0.113	-7.1112	0.7612		12150	-25.2840*	1.9875	0.000	-29.2202	-21.3478
	22110	55.4700*	1.9875	0.000	51.5338	59.4062		22110	58.6450*	1.9875	0.000	54.7088	62.5812
	22120	29.0820*	1.9875	0.000	25.1458	33.0182		22120	32.2570*	1.9875	0.000	28.3208	36.1932
	22130	17.3530*	1.9875	0.000	13.4168	21.2892		22130	20.5280*	1.9875	0.000	16.5918	24.4842
	22140	18.8920*	1.9875	0.000	14.7568	22.6282		22140	21.8670*	1.9875	0.000	17.9308	25.8032
	22150	8.6170*	1.9875	0.000	4.6808	12.5532		22150	11.7920*	1.9875	0.000	7.8558	15.7282
	90000	64.0870*	1.9875	0.000	60.1508	68.0232		90000	67.2820*	1.9875	0.000	63.3258	71.1982

WA Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
12150	10000	-39.3620*	1.9875	0.000	-43.3282	-35.4558	22110	10000	-123.3210*	1.9875	0.000	-127.2572	-119.3848
	12110	71.7630*	1.9875	0.000	67.8268	75.6992		12110	-12.1680*	1.9875	0.000	-16.1022	-8.2298
	12120	47.2400*	1.9875	0.000	43.3038	51.1762		12120	-36.6890*	1.9875	0.000	-40.6252	-32.7528
	12130	45.3920*	1.9875	0.000	41.4558	49.3282		12130	-38.5370*	1.9875	0.000	-42.4732	-34.6008
	12140	28.4590*	1.9875	0.000	24.5228	32.3952		12140	-55.4700*	1.9875	0.000	-59.4062	-51.5338
	20000	25.2840*	1.9875	0.000	21.3478	29.2202		12150	-83.9290*	1.9875	0.000	-87.8652	-79.9928
	22110	63.9290*	1.9875	0.000	59.9928	67.8652		20000	-66.6450*	1.9875	0.000	-70.5812	-62.7088
	22120	57.5410*	1.9875	0.000	53.6048	61.4772		22120	-26.3680*	1.9875	0.000	-30.3042	-22.4518
	22130	45.8120*	1.9875	0.000	41.8758	49.7482		22130	-38.1170*	1.9875	0.000	-42.0532	-34.1808
	22140	47.1510*	1.9875	0.000	43.2148	51.0872		22140	-36.7780*	1.9875	0.000	-40.7142	-32.8418
	22150	37.0760*	1.9875	0.000	33.1398	41.0122		22150	-46.8530*	1.9875	0.000	-50.7892	-42.9168
	90000	92.5460*	1.9875	0.000	88.6098	96.4822		90000	6.6170*	1.9875	0.000	4.6808	12.5532
22120	10000	-96.9330*	1.9875	0.000	-100.8992	-92.9668	22140	10000	-86.5430*	1.9875	0.000	-90.4792	-82.6068
	12110	14.2220*	1.9875	0.000	10.2858	18.1582		12110	24.6120*	1.9875	0.000	20.6758	28.5462
	12120	-10.3010*	1.9875	0.000	-14.2372	-6.3648		12120	0.0890	1.9875	0.964	-3.8472	4.0252
	12130	-12.1490*	1.9875	0.000	-16.0852	-8.2128		12130	-1.7590	1.9875	0.378	-5.6952	2.1772
	12140	-29.0820*	1.9875	0.000	-33.0182	-25.1458		12140	-16.6920*	1.9875	0.000	-20.6282	-14.7558
	12150	-57.5410*	1.9875	0.000	-61.4772	-53.6048		12150	-47.1510*	1.9875	0.000	-51.0872	-43.2148
	20000	-32.2570*	1.9875	0.000	-36.1932	-28.3208		20000	-21.8570*	1.9875	0.000	-25.8032	-17.9308
	22110	26.3880*	1.9875	0.000	22.4518	30.3242		22110	36.7780*	1.9875	0.000	32.8418	40.7142
	22130	-11.7290*	1.9875	0.000	-15.6652	-7.7928		22120	10.3800*	1.9875	0.000	6.4538	14.3262
	22140	-10.3900*	1.9875	0.000	-14.3262	-6.4538		22130	-1.3390	1.9875	0.502	-5.2752	2.5972
	22150	-20.4650*	1.9875	0.000	-24.4012	-16.5288		22150	-10.0750*	1.9875	0.000	-14.0112	-6.1388
	90000	35.0050*	1.9875	0.000	31.0688	38.9412		90000	45.3950*	1.9875	0.000	41.4588	49.3312
22130	10000	-85.2040*	1.9875	0.000	-89.1402	-81.2678	22150	10000	-76.4680*	1.9875	0.000	-80.4042	-72.5318
	12110	25.9510*	1.9875	0.000	22.0148	29.8872		12110	34.6870*	1.9875	0.000	30.7508	38.6232
	12120	1.4280	1.9875	0.474	-2.5082	5.3642		12120	10.1640*	1.9875	0.000	6.2278	14.1002
	12130	-0.4200	1.9875	0.633	-4.3562	3.5162		12130	6.3180*	1.9875	0.000	4.3798	12.2522
	12140	-17.3530*	1.9875	0.000	-21.2892	-13.4168		12140	-6.6170*	1.9875	0.000	-10.5532	-4.6808
	12150	-45.8120*	1.9875	0.000	-49.7482	-41.8758		12150	-37.0760*	1.9875	0.000	-41.0122	-33.1398
	20000	-20.5280*	1.9875	0.000	-24.4642	-16.5918		20000	-11.7920*	1.9875	0.000	-15.7282	-7.8558
	22110	38.1170*	1.9875	0.000	34.1808	42.0532		22110	46.8530*	1.9875	0.000	42.9168	50.7892
	22120	11.7290*	1.9875	0.000	7.7928	15.6652		22120	20.4650*	1.9875	0.000	16.5288	24.4012
	22140	1.3390	1.9875	0.502	-2.5972	5.2752		22130	6.7360*	1.9875	0.000	4.7998	12.6722
	22150	-6.7360*	1.9875	0.000	-10.6722	-4.7998		22140	10.0750*	1.9875	0.000	6.1388	14.0112
	90000	46.7340*	1.9875	0.000	42.7978	50.6702		90000	55.4700*	1.9875	0.000	51.5338	59.4062

WA Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
90000	10000	-131.9380*	1.9875	0.000	-135.8742	-128.0018
	12110	-20.7830*	1.9875	0.000	-24.7192	-16.8468
	12120	-45.3080*	1.9875	0.000	-49.2422	-41.3698
	12130	-47.1540*	1.9875	0.000	-51.0902	-43.2178
	12140	-64.0870*	1.9875	0.000	-68.0232	-60.1508
	12150	-82.5460*	1.9875	0.000	-86.4822	-88.6098
	20000	-67.2620*	1.9875	0.000	-71.1982	-63.3258
	22110	-8.6170*	1.9875	0.000	-12.5532	-4.6808
	22120	-35.0050*	1.9875	0.000	-38.9412	-31.0688
	22130	-46.7340*	1.9875	0.000	-50.6702	-42.7978
	22140	-45.3950*	1.9875	0.000	-49.3312	-41.4588
	22150	-55.4700*	1.9875	0.000	-59.4062	-51.5338

* The mean difference is significant at the .05 level.

ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

S Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
					10000	12110						4.6900*	0.2029
	12120	1.9300*	0.2029	0.000	1.5263	2.3317		12110	3.2290*	0.2029	0.000	2.6273	3.6307
	12130	1.4890*	0.2029	0.000	1.0873	1.8907		12120	0.4690*	0.2029	0.023	0.0673	0.8707
	12140	1.4610*	0.2029	0.000	1.0593	1.8627		12130	0.0280	0.2029	0.890	-0.3737	0.4297
	12150	0.0620	0.2029	0.760	-0.3367	0.4637		12150	-1.3990*	0.2029	0.000	-1.8007	-0.9973
	20000	0.7550*	0.2029	0.000	0.3533	1.1567		20000	-0.7060*	0.2029	0.001	-1.1077	-0.3043
	22110	4.9010*	0.2029	0.000	4.4983	5.3027		22110	3.4400*	0.2029	0.000	3.0383	3.8417
	22120	1.6330*	0.2029	0.000	1.4313	2.2347		22120	0.3720	0.2029	0.089	-0.0257	0.7737
	22130	1.6130*	0.2029	0.000	1.2113	2.0147		22130	0.1520	0.2029	0.455	-0.2497	0.5537
	22140	1.7840*	0.2029	0.000	1.3823	2.1857		22140	0.3230	0.2029	0.114	-0.0787	0.7247
	22150	1.4280*	0.2029	0.000	1.0263	1.8297		22150	-0.0330	0.2029	0.871	-0.4347	0.3687
	90000	3.9190*	0.2029	0.000	3.5173	4.3207		90000	2.4580*	0.2029	0.000	2.0563	2.8597
12110	10000	-4.6900*	0.2029	0.000	-5.0917	-4.2883	12150	10000	-0.0620	0.2029	0.760	-0.4637	0.3397
	12120	-2.7800*	0.2029	0.000	-3.1617	-2.3983		12110	4.6280*	0.2029	0.000	4.2263	5.0297
	12130	-3.2010*	0.2029	0.000	-3.6027	-2.7993		12120	1.8690*	0.2029	0.000	1.4663	2.2697
	12140	-3.2290*	0.2029	0.000	-3.6307	-2.8273		12130	1.4270*	0.2029	0.000	1.0253	1.8287
	12150	-4.6280*	0.2029	0.000	-5.0297	-4.2263		12140	1.3990*	0.2029	0.000	0.9973	1.8007
	20000	-3.8350*	0.2029	0.000	-4.3367	-3.3333		20000	0.6630*	0.2029	0.001	0.2913	1.0947
	22110	0.2110	0.2029	0.300	-0.1907	0.6127		22110	4.8360*	0.2029	0.000	4.4373	5.2407
	22120	-2.8570*	0.2029	0.000	-3.2587	-2.4553		22120	1.7710*	0.2029	0.000	1.3683	2.1727
	22130	-3.0770*	0.2029	0.000	-3.4787	-2.6753		22130	1.5510*	0.2029	0.000	1.1493	1.9527
	22140	-2.9080*	0.2029	0.000	-3.3077	-2.5043		22140	1.7220*	0.2029	0.000	1.3203	2.1237
	22150	-3.2620*	0.2029	0.000	-3.6637	-2.8603		22150	1.3680*	0.2029	0.000	0.9643	1.7677
	90000	-0.7710*	0.2029	0.000	-1.1727	-0.3683		90000	3.8570*	0.2029	0.000	3.4553	4.2587
12120	10000	-1.9300*	0.2029	0.000	-2.3317	-1.5263	20000	10000	-0.7550*	0.2029	0.000	-1.1567	-0.3533
	12110	2.7600*	0.2029	0.000	2.3583	3.1617		12110	3.9350*	0.2029	0.000	3.5333	4.3367
	12130	-0.4410*	0.2029	0.032	-0.8427	-0.0393		12120	1.1750*	0.2029	0.000	0.7733	1.5767
	12140	-0.4890*	0.2029	0.023	-0.8707	-0.0673		12130	0.7340*	0.2029	0.000	0.3323	1.1357
	12150	-1.0680*	0.2029	0.000	-1.4697	-0.6663		12140	0.7090*	0.2029	0.001	0.3043	1.1077
	20000	-1.1750*	0.2029	0.000	-1.5767	-0.7733		12150	-0.6930*	0.2029	0.001	-1.0947	-0.2913
	22110	2.8710*	0.2029	0.000	2.5683	3.3727		22110	4.1460*	0.2029	0.000	3.7443	4.5477
	22120	-0.0970	0.2029	0.633	-0.4987	0.3047		22120	1.0780*	0.2029	0.000	0.6763	1.4797
	22130	-0.3170	0.2029	0.121	-0.7187	0.0847		22130	0.8580*	0.2029	0.000	0.4563	1.2597
	22140	-0.1480	0.2029	0.473	-0.5477	0.2557		22140	1.0290*	0.2029	0.000	0.6273	1.4307
	22150	-0.5020*	0.2029	0.015	-0.9037	-0.1003		22150	0.6730*	0.2029	0.001	0.2713	1.0747
	90000	1.9690*	0.2029	0.000	1.5673	2.3907		90000	3.1640*	0.2029	0.000	2.7623	3.5657

S Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound						Lower Bound	Upper Bound
12130	10000	-1.4890*	0.2029	0.000	-1.8907	-1.0873	22110	10000	-4.9010*	0.2029	0.000	-5.3027	-4.4993
	12110	3.2010*	0.2029	0.000	2.7993	3.6027		12110	-0.2110	0.2029	0.300	-0.6127	0.1907
	12120	0.4410*	0.2029	0.032	0.0393	0.8427		12120	-2.9710*	0.2029	0.000	-3.3727	-2.5693
	12140	-0.0280	0.2029	0.990	-0.4297	0.3737		12130	-3.4120*	0.2029	0.000	-3.8137	-3.0103
	12150	-1.4270*	0.2029	0.000	-1.8287	-1.0253		12140	-3.4400*	0.2029	0.000	-3.8417	-3.0383
	20000	-0.7340*	0.2029	0.000	-1.1357	-0.3323		12150	-4.8390*	0.2029	0.000	-5.2407	-4.4373
	22110	3.4120*	0.2029	0.000	3.0103	3.8137		20000	-4.1460*	0.2029	0.000	-4.5477	-3.7443
	22120	0.3440	0.2029	0.083	-0.0577	0.7457		22120	-3.0680*	0.2029	0.000	-3.4697	-2.6663
	22130	0.1240	0.2029	0.542	-0.2777	0.5257		22130	-3.2880*	0.2029	0.000	-3.6897	-2.8863
	22140	0.2950	0.2029	0.149	-0.1057	0.6967		22140	-3.1170*	0.2029	0.000	-3.5187	-2.7153
	22150	-0.0810	0.2029	0.764	-0.4827	0.3407		22150	-3.4730*	0.2029	0.000	-3.8747	-3.0713
	90000	2.4300*	0.2029	0.000	2.0283	2.8317		90000	-0.9620*	0.2029	0.000	-1.3637	-0.5603
22120	10000	-1.6330*	0.2029	0.000	-2.2347	-1.4313	22140	10000	-1.7840*	0.2029	0.000	-2.1857	-1.3823
	12110	2.8570*	0.2029	0.000	2.4553	3.2587		12110	2.9060*	0.2029	0.000	2.5043	3.3077
	12120	0.0970	0.2029	0.633	-0.3047	0.4987		12120	0.1460	0.2029	0.473	-0.2557	0.5477
	12130	-0.3440	0.2029	0.093	-0.7457	0.0577		12130	-0.2950	0.2029	0.149	-0.6967	0.1057
	12140	-0.3720	0.2029	0.099	-0.7737	0.0297		12140	-0.3230	0.2029	0.114	-0.7247	0.0787
	12150	-1.7710*	0.2029	0.000	-2.1727	-1.3683		12150	-1.7220*	0.2029	0.000	-2.1237	-1.3203
	20000	-1.0780*	0.2029	0.000	-1.4797	-0.6763		20000	-1.0290*	0.2029	0.000	-1.4307	-0.6273
	22110	3.0680*	0.2029	0.000	2.6663	3.4697		22110	3.1170*	0.2029	0.000	2.7153	3.5187
	22130	-0.2200	0.2029	0.290	-0.6217	0.1817		22120	0.0490	0.2029	0.810	-0.3527	0.4507
	22140	-0.0490	0.2029	0.810	-0.4507	0.3527		22130	-0.1710	0.2029	0.401	-0.5727	0.2307
	22150	-0.4050*	0.2029	0.048	-0.8067	-0.0033		22150	-0.3560	0.2029	0.082	-0.7577	0.0457
	90000	2.0860*	0.2029	0.000	1.6843	2.4877		90000	2.1350*	0.2029	0.000	1.7333	2.5367
22130	10000	-1.6130*	0.2029	0.000	-2.0147	-1.2113	22150	10000	-1.4280*	0.2029	0.000	-1.8297	-1.0263
	12110	3.0770*	0.2029	0.000	2.6753	3.4787		12110	3.2620*	0.2029	0.000	2.8603	3.6637
	12120	0.3170	0.2029	0.171	-0.0847	0.7187		12120	0.5020*	0.2029	0.015	0.1003	0.9037
	12130	-0.1240	0.2029	0.542	-0.5257	0.2777		12130	0.0610	0.2029	0.764	-0.3407	0.4627
	12140	-0.1520	0.2029	0.455	-0.5537	0.2497		12140	0.0330	0.2029	0.871	-0.3687	0.4347
	12150	-1.5510*	0.2029	0.000	-1.9527	-1.1493		12150	-1.3660*	0.2029	0.000	-1.7677	-0.9643
	20000	-0.8590*	0.2029	0.000	-1.2597	-0.4583		20000	-0.6730*	0.2029	0.001	-1.0747	-0.2713
	22110	3.2980*	0.2029	0.000	2.8963	3.6997		22110	3.4730*	0.2029	0.000	3.0713	3.8747
	22120	0.2200	0.2029	0.290	-0.1817	0.6217		22120	0.4050*	0.2029	0.048	0.0033	0.8067
	22140	0.1710	0.2029	0.401	-0.2307	0.5727		22130	0.1850	0.2029	0.364	-0.2167	0.5867
	22150	-0.1850	0.2029	0.364	-0.5867	0.2167		22140	0.3560	0.2029	0.082	-0.0457	0.7577
	90000	2.3080*	0.2029	0.000	1.9043	2.7077		90000	2.4910*	0.2029	0.000	2.0893	2.8927

S Multiple Comparisons

(I) code	(J) code	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
90000	10000	-3.9190*	0.2029	0.000	-4.3207	-3.5173
	12110	0.7710*	0.2029	0.000	0.3693	1.1727
	12120	-1.9690*	0.2029	0.000	-2.3907	-1.5673
	12130	-2.4300*	0.2029	0.000	-2.8317	-2.0283
	12140	-2.4580*	0.2029	0.000	-2.8597	-2.0563
	12150	-3.8570*	0.2029	0.000	-4.2587	-3.4553
	20000	-3.1640*	0.2029	0.000	-3.5657	-2.7623
	22110	0.9620*	0.2029	0.000	0.5803	1.3637
	22120	-2.0860*	0.2029	0.000	-2.4877	-1.6843
	22130	-2.3060*	0.2029	0.000	-2.7077	-1.9043
	22140	-2.1350*	0.2029	0.000	-2.5367	-1.7333
	22150	-2.4910*	0.2029	0.000	-2.8927	-2.0893

* The mean difference is significant at the .05 level.

ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย



Appendix D

Data of chemicals

ศูนย์วิจัยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

Typical data of styrene

Properties	
Appearance	Clear liquid
Molecular Weight	104.153
Boiling Point at 760 mm	145.15 °c
Density, 20 °c	0.9062 g/cc
Flash Point	31.1 °c
Auto Ignition Temp.	490 °c
Freezing Point	-30.6 °c
Refractive index, 20 °c	1.5468
Viscosity, 20 °c	0.762 cps
Solubility	Insoluble in water, Soluble in almost organic solvents

Typical data of methyl methacrylate

Properties	
Appearance	Clear liquid
Molecular weight	100.1
Boiling point at 760 mm	100.5 °c
Refractive index	1.4140
Viscosity, 20 °c	0.66 centistokes
Solubility	Miscible with most organic solvents
Solubility in water, 20 °c	1.6 %
Auto Ignition Temp.	421 °c
Flash Point	11.5 °c
Water	0.05 % max

Typical data of Butanox M-60

Properties	
Appearance	Clear and colourless liquid
Peroxide content	36 %
Balance	60 % DMP, 4 % MEK + water
Total active oxygen	9.8 – 10.0 %
Density, 20 °c	1170 kg/m ³
Viscosity, 20 °c	25 mPa.s
Flash Point	Above the SADT*
SADT	60 °c
Auto Ignition Temp.	220 °c
Solubility	Insoluble in water. Soluble in phthalates.

DMP = dimethyl phthalate, MEK = methyl ethyl ketone

*SADT = Self Accelerating Decomposition Temperature

Typical data of divinylbenzene

Properties	
Appearance	Clear and colourless liquid
Boiling point	200 °c
Melting point	-67 °c
Flash Point	74 °c
Relative density (water = 1)	0.9
Vapor pressure, mmHg at 20 °c	0.34
Solubility in water	none

VITAE

Miss Sudarat Kaolawanich was born on July 25, 1973 in Chachoengsao Province. She received a bachelor's degree of science in chemistry from Chulalongkorn University in 1995. She worked at Dutch Boy Co.,Ltd. for 1 year. Then she has been working in The Royal Forest Department up to now. She has been a graduate student of the multidisciplinary Program of Petrochemistry and Polymer Science, faculty of science, Chulalongkorn University since 1999.



ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย