

Univariate Analysis of Variance: Case $\alpha=1$

Between-Subjects Factors

		N
n	30	480
	40	480
	50	480
	60	480
	70	480
m1	2	600
	4	600
	6	600
	8	600
m2	2	600
	4	600
	6	600
	8	600
PROBLEM	CO_MA	800
	MA	800
	PM (MA)	800

Tests of Between-Subjects Effects

Dependent Variable: TCT

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	4451734852206.630 ^a	239	18626505657.768	873.921	.000
Intercept	18096118766697.973	1	18096118766697.973	849036.094	.000
n	4213085383360.760	4	1053271345840.190	49417.524	.000
m1	21017958644.318	3	7005986214.773	328.708	.000
m2	59837384876.882	3	19945794958.961	935.819	.000
PROBLEM	113895325424.833	2	56947662712.417	2671.878	.000
n * m1	3738464024.096	12	311538668.675	14.617	.000
n * m2	3965402992.466	12	330450249.372	15.504	.000
n * PROBLEM	30994935566.973	8	3874366945.872	181.778	.000
m1 * m2	474224173.330	9	52691574.814	2.472	.008
m1 * PROBLEM	1119660131.586	6	186610021.931	8.755	.000
m2 * PROBLEM	278932542.242	6	46488757.040	2.181	.042
n * m1 * m2	2281828000.858	36	63384111.135	2.974	.000
n * m1 * PROBLEM	492510462.627	24	20521269.276	.963	.514
n * m2 * PROBLEM	164461358.037	24	6852556.585	.322	.999
m1 * m2 * PROBLEM	83393255.288	18	4632958.627	.217	1.000

n * m1 * m2 * PROBLEM	304987392.350	72	4235936.005	.199	1.000
Error	46037638241.200	2160	21313721.408		
Total	22593891257152.000	2400			
Corrected Total	4497772490447.830	2399			

a. R Squared = .990 (Adjusted R Squared = .989)

Post Hoc Tests

n

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I) n	(J) n	Mean Difference		Sig.	95% Confidence Interval	
		(I-J)	Std. Error		Lower Bound	Upper Bound
30	40	-21394.89*	298.005	.000	-22208.47	-20581.32
	50	-48143.10*	298.005	.000	-48956.68	-47329.52
	60	-80492.21*	298.005	.000	-81305.78	-79678.63
	70	-117741.83*	298.005	.000	-118555.41	-116928.25
40	30	21394.89*	298.005	.000	20581.32	22208.47
	50	-26748.21*	298.005	.000	-27561.79	-25934.63
	60	-59097.31*	298.005	.000	-59910.89	-58283.73
	70	-96346.94*	298.005	.000	-97160.51	-95533.36
50	30	48143.10*	298.005	.000	47329.52	48956.68
	40	26748.21*	298.005	.000	25934.63	27561.79
	60	-32349.10*	298.005	.000	-33162.68	-31535.53
	70	-69598.73*	298.005	.000	-70412.31	-68785.15
60	30	80492.21*	298.005	.000	79678.63	81305.78
	40	59097.31*	298.005	.000	58283.73	59910.89
	50	32349.10*	298.005	.000	31535.53	33162.68
	70	-37249.62*	298.005	.000	-38063.20	-36436.04
70	30	117741.83*	298.005	.000	116928.25	118555.41
	40	96346.94*	298.005	.000	95533.36	97160.51
	50	69598.73*	298.005	.000	68785.15	70412.31
	60	37249.62*	298.005	.000	36436.04	38063.20

Based on observed means.

The error term is Mean Square(Error) = 21313721.408.

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

n	N	Subset				
		1	2	3	4	5
30	480	33279.05				
40	480		54673.95			
50	480			81422.15		
60	480				113771.26	
70	480					151020.88
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 21313721.408.

a. Uses Harmonic Mean Sample Size = 480.000.

b. Alpha = 0.05.

m1

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I) m1	(J) m1	Mean Difference	Std. Error	Sig.	95% Confidence Interval	
		(I-J)			Lower Bound	Upper Bound
2	4	-4299.07*	266.544	.000	-4984.36	-3613.77
	6	-6264.13*	266.544	.000	-6949.42	-5578.83
	8	-7918.39*	266.544	.000	-8603.68	-7233.10
4	2	4299.07*	266.544	.000	3613.77	4984.36
	6	-1965.06*	266.544	.000	-2650.35	-1279.77
	8	-3619.32*	266.544	.000	-4304.62	-2934.03
6	2	6264.13*	266.544	.000	5578.83	6949.42
	4	1965.06*	266.544	.000	1279.77	2650.35
	8	-1654.26*	266.544	.000	-2339.56	-968.97
8	2	7918.39*	266.544	.000	7233.10	8603.68
	4	3619.32*	266.544	.000	2934.03	4304.62
	6	1654.26*	266.544	.000	968.97	2339.56

Based on observed means.

The error term is Mean Square(Error) = 21313721.408.

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

m1	N	Subset			
		1	2	3	4
2	600	82213.06			
4	600		86512.13		
6	600			88477.19	
8	600				90131.45
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 21313721.408.

a. Uses Harmonic Mean Sample Size = 600.000.

b. Alpha = 0.05.

m2

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I) m2	(J) m2	Mean Difference		Sig.	95% Confidence Interval	
		(I-J)	Std. Error		Lower Bound	Upper Bound
2	4	-4269.48*	266.544	.000	-4954.77	-3584.19
	6	-8631.28*	266.544	.000	-9316.57	-7945.99
	8	-13427.36*	266.544	.000	-14112.65	-12742.07
4	2	4269.48*	266.544	.000	3584.19	4954.77
	6	-4361.80*	266.544	.000	-5047.09	-3676.51
	8	-9157.88*	266.544	.000	-9843.17	-8472.59
6	2	8631.28*	266.544	.000	7945.99	9316.57
	4	4361.80*	266.544	.000	3676.51	5047.09
	8	-4796.08*	266.544	.000	-5481.37	-4110.79
8	2	13427.36*	266.544	.000	12742.07	14112.65
	4	9157.88*	266.544	.000	8472.59	9843.17
	6	4796.08*	266.544	.000	4110.79	5481.37

Based on observed means.

The error term is Mean Square(Error) = 21313721.408.

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

m2	N	Subset			
		1	2	3	4
2	600	80251.43			
4	600		84520.91		
6	600			88882.71	
8	600				93678.79
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 21313721.408.

a. Uses Harmonic Mean Sample Size = 600.000.

b. Alpha = 0.05.

PROBLEM

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I) PROBLEM	(J) PROBLEM	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	
CO_MA	MA	3209.61*	230.834	.000	2668.23	
	PM (MA)	-12741.88*	230.834	.000	-13283.26	
MA	CO_MA	-3209.61*	230.834	.000	-3750.99	
	PM (MA)	-15951.50*	230.834	.000	-16492.88	
PM (MA)	CO_MA	12741.88*	230.834	.000	12200.51	
	MA	15951.50*	230.834	.000	15410.12	

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

PROBLEM	N	Subset		
		1	2	3
MA	800	80446.42		
CO_MA	800		83656.03	
PM (MA)	800			96397.92
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 21313721.408.

a. Uses Harmonic Mean Sample Size = 800.000.

b. Alpha = 0.05.

Univariate Analysis of Variance: Case $\alpha=2$

Between-Subjects Factors

		N
n	30	480
	40	480
	50	480
	60	480
	70	480
m1	2	600
	4	600
	6	600
	8	600
m2	2	600
	4	600
	6	600
	8	600
PROBLEM	CO_MA	800
	MA	800
	PM (MA)	800

Tests of Between-Subjects Effects

Dependent Variable: TCT

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	11577684044359.746 ^a	239	48442192654.225	334.982	.000
Intercept	45225333320557.540	1	45225333320557.540	312736.707	.000
n	10788962952426.914	4	2697240738106.729	18651.630	.000
m1	14911399387.274	3	4970466462.425	34.371	.000
m2	153797177991.192	3	51265725997.064	354.506	.000
PROBLEM	417339484240.548	2	208669742120.274	1442.968	.000
n * m1	5882769410.010	12	490230784.168	3.390	.000
n * m2	13204591768.730	12	1100382647.394	7.609	.000
n * PROBLEM	147309427221.532	8	18413678402.691	127.332	.000
m1 * m2	3325404780.453	9	369489420.050	2.555	.006
m1 * PROBLEM	505654445.994	6	84275740.999	.583	.744
m2 * PROBLEM	3914744777.051	6	652457462.842	4.512	.000
n * m1 * m2	26095596308.297	36	724877675.230	5.013	.000
n * m1 * PROBLEM	455530541.260	24	18980439.219	.131	1.000
n * m2 * PROBLEM	712774551.720	24	29698939.655	.205	1.000
m1 * m2 * PROBLEM	237849597.379	18	13213866.521	.091	1.000
n * m1 * m2 * PROBLEM	1028686911.433	72	14287318.214	.099	1.000
Error	312360902395.400	2160	144611528.887		
Total	57115378267328.000	2400			
Corrected Total	11890044946755.146	2399			

a. R Squared = .974 (Adjusted R Squared = .971)

Post Hoc Tests

n

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I) n	(J) n	Mean Difference		Sig.	95% Confidence Interval	
		(I-J)	Std. Error		Lower Bound	Upper Bound
30	40	-33498.83*	776.240	.000	-35618.03	-31379.63
	50	-76672.22*	776.240	.000	-78791.42	-74553.03
	60	-128041.23*	776.240	.000	-130160.43	-125922.03
	70	-188335.45*	776.240	.000	-190454.65	-186216.25
40	30	33498.83*	776.240	.000	31379.63	35618.03
	50	-43173.40*	776.240	.000	-45292.59	-41054.20
	60	-94542.40*	776.240	.000	-96661.60	-92423.20

	70	-154836.62*	776.240	.000	-156955.82	-152717.42
50	30	76672.22*	776.240	.000	74553.03	78791.42
	40	43173.40*	776.240	.000	41054.20	45292.59
	60	-51369.01*	776.240	.000	-53488.20	-49249.81
	70	-111663.23*	776.240	.000	-113782.42	-109544.03
60	30	128041.23*	776.240	.000	125922.03	130160.43
	40	94542.40*	776.240	.000	92423.20	96661.60
	50	51369.01*	776.240	.000	49249.81	53488.20
	70	-60294.22*	776.240	.000	-62413.42	-58175.02
70	30	188335.45*	776.240	.000	186216.25	190454.65
	40	154836.62*	776.240	.000	152717.42	156955.82
	50	111663.23*	776.240	.000	109544.03	113782.42
	60	60294.22*	776.240	.000	58175.02	62413.42

Based on observed means.

The error term is Mean Square(Error) = 144611528.887.

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

n	N	Subset				
		1	2	3	4	5
30	480	51963.50				
40	480		85462.33			
50	480			128635.72		
60	480				180004.73	
70	480					240298.95
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 144611528.887.

a. Uses Harmonic Mean Sample Size = 480.000.

b. Alpha = 0.05.

m1

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I) m1	(J) m1	Mean Difference	Std. Error	Sig.	95% Confidence Interval	
		(I-J)			Lower Bound	Upper Bound
2	4	-3787.51*	694.290	.000	-5572.55	-2002.46
	6	-5417.41*	694.290	.000	-7202.46	-3632.37
	8	-6608.98*	694.290	.000	-8394.02	-4823.94
4	2	3787.51*	694.290	.000	2002.46	5572.55
	6	-1629.91	694.290	.088	-3414.95	155.14
	8	-2821.47*	694.290	.000	-4606.52	-1036.43
6	2	5417.41*	694.290	.000	3632.37	7202.46
	4	1629.91	694.290	.088	-155.14	3414.95
	8	-1191.57	694.290	.315	-2976.61	593.48
8	2	6608.98*	694.290	.000	4823.94	8394.02
	4	2821.47*	694.290	.000	1036.43	4606.52
	6	1191.57	694.290	.315	-593.48	2976.61

Based on observed means.

The error term is Mean Square(Error) = 144611528.887.

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

m1	N	Subset		
		1	2	3
2	600	133319.57		
4	600		137107.08	
6	600		138736.98	138736.98
8	600			139928.55
Sig.		1.000	.088	.315

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 144611528.887.

a. Uses Harmonic Mean Sample Size = 600.000.

b. Alpha = 0.05.

m2

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I) m2	(J) m2	Mean Difference	Std. Error	Sig.	95% Confidence Interval	
		(I-J)			Lower Bound	Upper Bound
2	4	-6691.66*	694.290	.000	-8476.70	-4906.62
	6	-14060.54*	694.290	.000	-15845.59	-12275.50
	8	-21404.30*	694.290	.000	-23189.35	-19619.26
4	2	6691.66*	694.290	.000	4906.62	8476.70
	6	-7368.88*	694.290	.000	-9153.93	-5583.84
	8	-14712.64*	694.290	.000	-16497.69	-12927.60
6	2	14060.54*	694.290	.000	12275.50	15845.59
	4	7368.88*	694.290	.000	5583.84	9153.93
	8	-7343.76*	694.290	.000	-9128.80	-5558.72
8	2	21404.30*	694.290	.000	19619.26	23189.35
	4	14712.64*	694.290	.000	12927.60	16497.69
	6	7343.76*	694.290	.000	5558.72	9128.80

Based on observed means.

The error term is Mean Square(Error) = 144611528.887.

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

m2	N	Subset			
		1	2	3	4
2	600	126733.92			
4	600		133425.58		
6	600			140794.46	
8	600				148138.22
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 144611528.887.

a. Uses Harmonic Mean Sample Size = 600.000.

b. Alpha = 0.05.

PROBLEM

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I)	(J)	Mean	Std.		95%	
PROBLEM	PROBLEM	Difference	Error	Sig.	Confidence	
		(I-J)			Interval	
					Lower	
					Bound	
CO_MA	MA	32204.48*	601.273	.000	30794.30	
	PM (MA)	18262.12*	601.273	.000	16851.94	
MA	CO_MA	-32204.48*	601.273	.000	-33614.66	
	PM (MA)	-13942.36*	601.273	.000	-15352.54	
PM (MA)	CO_MA	-18262.12*	601.273	.000	-19672.30	
	MA	13942.36*	601.273	.000	12532.19	

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

PROBLEM	N	Subset		
		1	2	3
MA	800	121890.76		
PM (MA)	800		135833.13	
CO_MA	800			154095.24
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 144611528.887.

a. Uses Harmonic Mean Sample Size = 800.000.

b. Alpha = 0.05.

Univariate Analysis of Variance: Case $\alpha=3$

Between-Subjects Factors

		N
n	30	480
	40	480
	50	480
	60	480
	70	480
m1	2	600
	4	600
	6	600
	8	600
m2	2	600
	4	600
	6	600
	8	600
PROBLEM	CO_MA	800
	MA	800
	PM (MA)	800

Tests of Between-Subjects Effects

Dependent Variable: TCT

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	24330670025432.758 ^a	239	101801966633.610	279.350	.000
Intercept	91465097544617.060	1	91465097544617.060	250985.231	.000
n	22114776111236.600	4	5528694027809.150	15171.039	.000
m1	17322150591.304	3	5774050197.101	15.844	.000
m2	300624004237.691	3	100208001412.564	274.976	.000
PROBLEM	1316334215378.770	2	658167107689.385	1806.047	.000
n * m1	12562608218.422	12	1046884018.202	2.873	.001
n * m2	30979731476.745	12	2581644289.729	7.084	.000
n * PROBLEM	444910490127.899	8	55613811265.987	152.607	.000
m1 * m2	9327114613.170	9	1036346068.130	2.844	.002
m1 * PROBLEM	919722597.774	6	153287099.629	.421	.866
m2 * PROBLEM	10612700662.327	6	1768783443.721	4.854	.000
n * m1 * m2	67746737112.322	36	1881853808.676	5.164	.000
n * m1 * PROBLEM	860828388.388	24	35867849.516	.098	1.000
n * m2 * PROBLEM	1696936932.135	24	70705705.506	.194	1.000
m1 * m2 * PROBLEM	371915405.922	18	20661966.996	.057	1.000

n * m1 * m2 * PROBLEM	1624758453.398	72	22566089.631	.062	1.000
Error	787156320903.200	2160	364424222.640		
Total	116582923890984.000	2400			
Corrected Total	25117826346335.957	2399			

a. R Squared = .969 (Adjusted R Squared = .965)

Post Hoc Tests

n

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I) n	(J) n	Mean Difference		Sig.	95% Confidence Interval	
		(I-J)	Std. Error		Lower Bound	Upper Bound
30	40	-47741.99*	1232.248	.000	-51106.13	-44377.86
	50	-109553.15*	1232.248	.000	-112917.28	-106189.01
	60	-183215.94*	1232.248	.000	-186580.07	-179851.80
	70	-269552.99*	1232.248	.000	-272917.12	-266188.85
40	30	47741.99*	1232.248	.000	44377.86	51106.13
	50	-61811.16*	1232.248	.000	-65175.29	-58447.02
	60	-135473.95*	1232.248	.000	-138838.08	-132109.81
	70	-221811.00*	1232.248	.000	-225175.13	-218446.86
50	30	109553.15*	1232.248	.000	106189.01	112917.28
	40	61811.16*	1232.248	.000	58447.02	65175.29
	60	-73662.79*	1232.248	.000	-77026.93	-70298.65
	70	-159999.84*	1232.248	.000	-163363.98	-156635.70
60	30	183215.94*	1232.248	.000	179851.80	186580.07
	40	135473.95*	1232.248	.000	132109.81	138838.08
	50	73662.79*	1232.248	.000	70298.65	77026.93
	70	-86337.05*	1232.248	.000	-89701.19	-82972.91
70	30	269552.99*	1232.248	.000	266188.85	272917.12
	40	221811.00*	1232.248	.000	218446.86	225175.13
	50	159999.84*	1232.248	.000	156635.70	163363.98
	60	86337.05*	1232.248	.000	82972.91	89701.19

Based on observed means.

The error term is Mean Square(Error) = 364424222.640.

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

n	N	Subset				
		1	2	3	4	5
30	480	73206.19				
40	480		120948.18			
50	480			182759.33		
60	480				256422.12	
70	480					342759.17
Sig.		1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 364424222.640.

a. Uses Harmonic Mean Sample Size = 480.000.

b. Alpha = 0.05.

m1

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I) m1	(J) m1	Mean Difference		Sig.	95% Confidence Interval	
		(I-J)	Std. Error		Lower Bound	Upper Bound
2	4	-4080.23*	1102.156	.001	-6913.91	-1246.55
	6	-5951.98*	1102.156	.000	-8785.66	-3118.30
	8	-7057.89*	1102.156	.000	-9891.56	-4224.21
4	2	4080.23*	1102.156	.001	1246.55	6913.91
	6	-1871.75	1102.156	.325	-4705.43	961.93
	8	-2977.65*	1102.156	.035	-5811.33	-143.97
6	2	5951.98*	1102.156	.000	3118.30	8785.66
	4	1871.75	1102.156	.325	-961.93	4705.43
	8	-1105.90	1102.156	.747	-3939.58	1727.78
8	2	7057.89*	1102.156	.000	4224.21	9891.56
	4	2977.65*	1102.156	.035	143.97	5811.33
	6	1105.90	1102.156	.747	-1727.78	3939.58

Based on observed means.

The error term is Mean Square(Error) = 364424222.640.

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

m1	N	Subset		
		1	2	3
2	600	190946.47		
4	600		195026.71	
6	600		196898.45	196898.45
8	600			198004.36
Sig.		1.000	.325	.747

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 364424222.640.

a. Uses Harmonic Mean Sample Size = 600.000.

b. Alpha = 0.05.

m2

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I) m2	(J) m2	Mean Difference		Sig.	95% Confidence Interval	
		(I-J)	Std. Error		Lower Bound	Upper Bound
2	4	-9467.42*	1102.156	.000	-12301.10	-6633.74
	6	-19833.50*	1102.156	.000	-22667.18	-16999.82
	8	-29907.20*	1102.156	.000	-32740.88	-27073.52
4	2	9467.42*	1102.156	.000	6633.74	12301.10
	6	-10366.08*	1102.156	.000	-13199.76	-7532.40
	8	-20439.78*	1102.156	.000	-23273.46	-17606.10
6	2	19833.50*	1102.156	.000	16999.82	22667.18
	4	10366.08*	1102.156	.000	7532.40	13199.76
	8	-10073.70*	1102.156	.000	-12907.38	-7240.02
8	2	29907.20*	1102.156	.000	27073.52	32740.88
	4	20439.78*	1102.156	.000	17606.10	23273.46
	6	10073.70*	1102.156	.000	7240.02	12907.38

Based on observed means.

The error term is Mean Square(Error) = 364424222.640.

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

m2	N	Subset			
		1	2	3	4
2	600	180416.97			
4	600		189884.39		
6	600			200250.47	
8	600				210324.17
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 364424222.640.

a. Uses Harmonic Mean Sample Size = 600.000.

b. Alpha = 0.05.

PROBLEM

Multiple Comparisons

Dependent Variable: TCT

Tukey HSD

(I) PROBLEM	(J) PROBLEM	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	
CO_MA	MA	53643.32*	954.495	.000	51404.73	
	PM (MA)	44426.27*	954.495	.000	42187.67	
MA	CO_MA	-53643.32*	954.495	.000	-55881.92	
	PM (MA)	-9217.06*	954.495	.000	-11455.65	
PM (MA)	CO_MA	-44426.27*	954.495	.000	-46664.86	
	MA	9217.06*	954.495	.000	6978.46	

Homogeneous Subsets

TCT

Tukey HSD^{a,b}

PROBLEM	N	Subset		
		1	2	3
MA	800	174265.54		
PM (MA)	800		183482.59	
CO_MA	800			227908.86
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 364424222.640.

a. Uses Harmonic Mean Sample Size = 800.000.

b. Alpha = 0.05.