# APPENDIX II

## ANALYSIS OF VARIANCE, MEANS, AND STANDARD DEVIATIONS FOR ADDICTION RESEARCH CENTER INVENTORY -ARCI- VARIABLES

KEY:

C = DRUG CONDITION (1 = 75 mg Sustained Release, 2 = 25 mg t.i.d., 3 = Placebo)

W = WEIGHT CLASS (1 = Normal Weight, 2 = Mildly Overweight, 3 = Moderately Overweight, 4 = Severely Overweight)

T = TIME MEASUREMENT (1 = Baseline, 2 = 30 minutes, 3 = 1 hour, 4 = 2 hour, 5 = 4 hour, 6 = 4.5 hour, 7 = 6 hour, 8 = 8 hour, 9 = 8.5 hour, 10 = 10 hour, 11 = 12 hour)

For each variable studied, means and standard deviations at each measurement occasion are presented in a series of tables. Analysis of variance results are presented in a separate table. A conservative F - test was used to evaluate the results of all factors involving repeated measures.

## ANALYSIS OF VARIANCE ARCI - AMP SCALE

ANALYSIS OF VARIANCE FOR 1-ST
DEPENDENT VARIABLE - AMP1 AMP2 AMP3 AMP4 AMP5 AMP6 AMP7 AMP8 AMP9
AMP10 AMP11

| SOURCE | SUM OF SQUARES | DEGREES OF FREEDOM | MEAN SQUARE | F | TAIL PROB. |
|---|---|---|---|---|---|
| MEAN | 14228.46314 | 1 | 14228.46314 | 359.82 | 0.0000 |
| COMP | 4.57111 | 2 | 2.28555 | .06 | .9439 |
| MEDS | 273.18079 | 3 | 91.06026 | 2.30 | .0786 |
| CW | 489.65461 | 6 | 81.60910 | 2.06 | .0596 |
| ERROR | 7157.36243 | 181 | 39.54344 | | |
| TIME | 84.59968 | 10 | 8.45997 | 6.03 | 0.0000 |
| TC | 25.37487 | 20 | 1.26874 | .90 | .5819 |
| TW | 44.82074 | 30 | 1.49402 | 1.06 | .3718 |
| CTW | 77.68963 | 60 | 1.29483 | .92 | .6441 |
| ERROR | 2539.78010 | 1810 | 1.40319 | | |

PHENYLPROPANOLAMINE MULTISITE STUDY--NEW YORK

CELL MEANS FOR 1-ST DEPENDENT VARIABLE

| COND = | | *1.00000 | *1.00000 | *1.00000 | *1.00000 | *2.00000 | *2.00000 | *2.00000 | *2.00000 | *3.00000 |
|---|---|---|---|---|---|---|---|---|---|---|
| WTCLS = | | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 |
| | TIME | | | | | | | | | |
| AMP1 | 1 | 2.94118 | 2.85000 | 2.66667 | 3.77778 | 3.60000 | 2.81250 | 4.30769 | 2.61538 | 3.05556 |
| AMP2 | 2 | 3.23529 | 3.00000 | 2.13333 | 3.77778 | 3.30000 | 2.37500 | 4.11538 | 2.61538 | 3.16667 |
| AMP3 | 3 | 3.05882 | 2.50000 | 2.26667 | 4.22222 | 4.05000 | 2.25000 | 4.03846 | 1.76923 | 2.66667 |
| AMP4 | 4 | 2.82353 | 2.95000 | 2.46667 | 3.77778 | 3.25000 | 2.43750 | 3.88462 | 1.69231 | 2.50000 |
| AMP5 | 5 | 2.82353 | 2.65000 | 2.46667 | 3.00000 | 2.65000 | 2.12500 | 3.65385 | 1.92308 | 2.55556 |
| AMP6 | 6 | 2.64706 | 2.65000 | 2.60000 | 3.00000 | 2.40000 | 2.06250 | 3.69231 | 1.23077 | 2.66667 |
| AMP7 | 7 | 2.41176 | 2.60000 | 2.00000 | 2.22222 | 3.20000 | 2.12500 | 3.69231 | 1.53846 | 2.83333 |
| AMP8 | 8 | 3.05882 | 2.15000 | 1.86667 | 3.11111 | 3.10000 | 2.31250 | 3.73077 | 1.53846 | 2.61111 |
| AMP9 | 9 | 2.64706 | 2.15000 | 2.33333 | 3.66667 | 2.65000 | 2.00000 | 3.76923 | 1.53846 | 2.38889 |
| AMP10 | 10 | 2.82353 | 1.90000 | 2.40000 | 4.11111 | 2.95000 | 2.00000 | 3.53846 | 1.30769 | 2.50000 |
| AMP11 | 11 | 2.64706 | 2.15000 | 2.20000 | 3.11111 | 3.45000 | 2.62500 | 3.53846 | 1.30769 | 2.33333 |
| MARGINAL | | 2.82888 | 2.50455 | 2.30909 | 3.43434 | 3.14545 | 2.28409 | 3.81469 | 1.73427 | 2.66162 |
| COUNT | | 17 | 20 | 15 | 9 | 20 | 16 | 26 | 13 | 18 |

| COND = | | *3.00000 | *3.00000 | *3.00000 | MARGINAL |
|---|---|---|---|---|---|
| WTCLS = | | *2.00000 | *3.00000 | *4.00000 | |
| | TIME | | | | |
| AMP1 | 1 | 2.15789 | 3.55556 | 3.18182 | 3.14508 |
| AMP2 | 2 | 1.52632 | 3.33333 | 3.18182 | 2.99964 |
| AMP3 | 3 | 1.57895 | 3.33333 | 3.63636 | 2.93782 |
| AMP4 | 4 | 1.68421 | 4.00000 | 2.81818 | 2.84456 |
| AMP5 | 5 | 1.78947 | 3.55556 | 3.09091 | 2.68394 |
| AMP6 | 6 | 2.05263 | 2.88889 | 2.63636 | 2.58549 |
| AMP7 | 7 | 1.47368 | 3.33333 | 2.27273 | 2.54404 |
| AMP8 | 8 | 1.57895 | 3.22222 | 2.36364 | 2.58549 |
| AMP9 | 9 | 1.57895 | 2.66667 | 2.72727 | 2.51813 |
| AMP10 | 10 | 1.84211 | 3.11111 | 3.00000 | 2.59067 |
| AMP11 | 11 | 1.73684 | 3.11111 | 3.36364 | 2.63731 |
| MARGINAL | | 1.72727 | 3.28283 | 2.93388 | 2.73293 |
| COUNT | | 19 | 9 | 11 | 193 |

STANDARD DEVIATIONS FOR 1-ST DEPENDENT VARIABLE

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| COND | = | *1.00000 | *1.00000 | *1.00000 | *1.00000 | *2.00000 | *2.00000 | *2.00000 | *2.00000 | *3.00000 |
| WTCLS | = | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 |
| | TIME | | | | | | | | | |
| AMP1 | 1 | 2.41015 | 2.13431 | 1.44749 | 3.03223 | 2.30332 | 2.50915 | 2.32842 | 1.75777 | 2.36325 |
| AMP2 | 2 | 2.43745 | 2.42791 | 1.35576 | 3.38296 | 2.47301 | 1.89297 | 2.80467 | 1.60927 | 2.70620 |
| AMP3 | 3 | 2.77197 | 1.90567 | 1.43759 | 3.59784 | 2.70429 | 1.94936 | 2.91864 | .92681 | 1.97037 |
| AMP4 | 4 | 2.57961 | 2.08945 | 1.24595 | 3.07318 | 2.12442 | 2.18994 | 2.68815 | 1.03155 | 2.17607 |
| AMP5 | 5 | 2.45549 | 2.27746 | 1.55226 | 2.78388 | 1.63111 | 2.06155 | 2.77045 | 1.89128 | 2.09263 |
| AMP6 | 6 | 2.14887 | 2.43386 | 1.68184 | 2.23607 | 1.87504 | 1.94829 | 2.47821 | 1.01274 | 2.02920 |
| AMP7 | 7 | 2.23771 | 2.16187 | 1.30931 | 1.92209 | 2.33057 | 2.30579 | 2.96337 | 1.39137 | 2.17607 |
| AMP8 | 8 | 2.88250 | 2.20705 | 1.50555 | 2.97676 | 2.57314 | 1.88746 | 2.56994 | 1.39137 | 1.88302 |
| AMP9 | 9 | 2.08989 | 2.47673 | 1.34519 | 3.27872 | 2.13431 | 1.86190 | 2.86088 | 1.45002 | 1.91400 |
| AMP10 | 10 | 2.65130 | 2.38195 | 1.29835 | 3.14024 | 2.50210 | 2.42212 | 2.71633 | 1.37747 | 1.91741 |
| AMP11 | 11 | 2.57248 | 2.30046 | 1.32017 | 3.10018 | 2.92853 | 2.94109 | 3.06243 | 1.25064 | 1.81497 |

| | | | | |
|---|---|---|---|---|
| COND | = | *3.00000 | *3.00000 | *3.00000 |
| WTCLS | = | *2.00000 | *3.00000 | *4.00000 |
| | TIME | | | |
| AMP1 | 1 | 1.46299 | 2.06828 | 2.71360 |
| AMP2 | 2 | 1.17229 | 2.12132 | 2.89200 |
| AMP3 | 3 | 1.26121 | 2.34521 | 2.24923 |
| AMP4 | 4 | 1.63478 | 1.93649 | 1.99089 |
| AMP5 | 5 | 1.61861 | 2.12796 | 1.57826 |
| AMP6 | 6 | 1.39338 | 2.08833 | 1.96370 |
| AMP7 | 7 | 1.26352 | 2.23607 | 1.61808 |
| AMP8 | 8 | 1.16980 | 2.04803 | 2.15744 |
| AMP9 | 9 | 1.46499 | 2.06155 | 2.10195 |
| AMP10 | 10 | 1.34425 | 2.31541 | 2.32379 |
| AMP11 | 11 | 1.40800 | 2.31541 | 2.06265 |

## ANALYSIS OF VARIANCE ARCI - BEN SCALE

ANALYSIS OF VARIANCE FOR 2-ND
DEPENDENT VARIABLE - BEN1 BEN2 BEN3 BEN4 BEN5 BEN6 BEN7 BEN8 BEN9
BEN10 BEN11

| | SOURCE | SUM OF SQUARES | DEGREES OF FREEDOM | MEAN SQUARE | F | TAIL PROB. |
|---|---|---|---|---|---|---|
| | MEAN | 55176.04740 | 1 | 55176.04740 | 1671.79 | 0.0000 |
| | COND | 12.36986 | 2 | 6.18493 | .19 | .8293 |
| | DOSES | 229.93265 | 3 | 76.64422 | 2.32 | .0767 |
| | CO | 201.96660 | 6 | 33.66110 | 1.02 | .4138 |
| 1 | ERROR | 5973.76049 | 181 | 33.00420 | | |
| | TIME | 116.94038 | 10 | 11.69404 | 6.55 | 0.0000 |
| | TC | 20.82939 | 20 | 1.04147 | .58 | .9263 |
| | TCD | 117.13061 | 30 | 3.90435 | 2.19 | .0002 |
| | TCH | 127.91480 | 60 | 2.13191 | 1.19 | .1488 |
| 2 | ERROR | 3230.45388 | 1810 | 1.78478 | | |

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CELL MEANS FOR 2-ND DEPENDENT VARIABLE

| COND = | | *1.00000 | *1.00000 | *1.00000 | *1.00000 | *2.00000 | *2.00000 | *2.00000 | *2.00000 | *3.00000 |
|---|---|---|---|---|---|---|---|---|---|---|
| WTCLS = | | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 |
| | TIME | | | | | | | | | |
| BEN1 | 1 | 5.64706 | 5.30000 | 5.73333 | 7.33333 | 6.35000 | 4.81250 | 6.92308 | 5.92308 | 5.88889 |
| BEN2 | 2 | 5.47059 | 5.30000 | 4.60000 | 6.88889 | 5.75000 | 4.68750 | 6.69231 | 6.00000 | 5.11111 |
| BEN3 | 3 | 5.47059 | 5.10000 | 5.20000 | 6.88889 | 6.60000 | 4.81250 | 6.38462 | 5.38462 | 5.27778 |
| BEN4 | 4 | 5.05882 | 5.10000 | 5.40000 | 6.77778 | 5.75000 | 4.81250 | 6.38462 | 4.38462 | 5.11111 |
| BEN5 | 5 | 5.47059 | 5.05000 | 5.40000 | 6.11111 | 4.95000 | 5.12500 | 6.38462 | 5.15385 | 5.27778 |
| BEN6 | 6 | 4.70588 | 4.65000 | 5.26667 | 6.22222 | 4.80000 | 5.31250 | 6.53846 | 4.46154 | 5.22222 |
| BEN7 | 7 | 5.23529 | 4.75000 | 5.40000 | 4.22222 | 5.50000 | 5.31250 | 6.00000 | 4.38462 | 5.16667 |
| BEN8 | 8 | 5.58824 | 4.30000 | 4.93333 | 5.66667 | 6.00000 | 4.81250 | 5.96154 | 4.07692 | 5.22222 |
| BEN9 | 9 | 5.23529 | 4.65000 | 4.93333 | 5.55556 | 5.25000 | 4.75000 | 5.88462 | 4.46154 | 5.05556 |
| BEN10 | 10 | 5.64706 | 4.30000 | 5.06667 | 5.44444 | 5.65000 | 4.68750 | 6.11538 | 4.84615 | 5.11111 |
| BEN11 | 11 | 5.35294 | 4.95000 | 5.60000 | 5.00000 | 6.20000 | 5.56250 | 6.19231 | 4.00000 | 5.00000 |
| MARGINAL | | 5.35294 | 4.85909 | 5.23030 | 6.01010 | 5.70909 | 4.97159 | 6.31469 | 4.82517 | 5.22222 |
| COUNT | | 17 | 20 | 15 | 9 | 20 | 16 | 26 | 13 | 18 |

| COND = | | *3.00000 | *3.00000 | *3.00000 | MARGINAL |
|---|---|---|---|---|---|
| WTCLS = | | *2.00000 | *3.00000 | *4.00000 | |
| | TIME | | | | |
| BEN1 | 1 | 5.05263 | 6.11111 | 5.54545 | 5.87047 |
| BEN2 | 2 | 4.52632 | 6.00000 | 5.45455 | 5.51295 |
| BEN3 | 3 | 4.73684 | 5.66667 | 6.00000 | 5.60622 |
| BEN4 | 4 | 4.73684 | 5.77778 | 5.18182 | 5.36798 |
| BEN5 | 5 | 4.47368 | 6.00000 | 6.18182 | 5.41969 |
| BEN6 | 6 | 4.73684 | 5.22222 | 5.18182 | 5.20725 |
| BEN7 | 7 | 4.78947 | 5.55556 | 4.09091 | 5.12953 |
| BEN8 | 8 | 4.78947 | 5.88889 | 4.81818 | 5.19171 |
| BEN9 | 9 | 4.57895 | 5.44444 | 4.81818 | 5.06736 |
| BEN10 | 10 | 4.84211 | 6.00000 | 5.18182 | 5.24352 |
| BEN11 | 11 | 4.94737 | 5.88889 | 5.81818 | 5.41969 |
| MARGINAL | | 4.74641 | 5.77778 | 5.29752 | 5.36693 |
| COUNT | | 19 | 9 | 11 | 193 |

STANDARD DEVIATIONS FOR 2-ND DEPENDENT VARIABLE

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| COND | = | *1.00000 | *1.00000 | *1.00000 | *1.00000 | *2.00000 | *2.00000 | *2.00000 | *2.00000 | *3.00000 |
| WTCLS | = | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 |
| | TIME | | | | | | | | | |
| BEN1 | 1 | 2.23442 | 2.25015 | 1.38701 | 3.64005 | 2.03328 | 2.13600 | 2.20768 | 1.70595 | 2.16629 |
| BEN2 | 2 | 2.42687 | 2.27342 | 1.40408 | 3.40751 | 2.63329 | 2.02382 | 2.57324 | 1.52753 | 2.37360 |
| BEN3 | 3 | 2.57676 | 2.24546 | 1.78085 | 3.05959 | 2.76063 | 1.93972 | 2.62415 | 1.44559 | 2.24409 |
| BEN4 | 4 | 2.43594 | 1.83246 | 1.88225 | 2.72845 | 2.38140 | 2.34432 | 2.51518 | 1.55662 | 2.39826 |
| BEN5 | 5 | 2.47784 | 2.23548 | 1.35225 | 2.71314 | 2.18789 | 2.33452 | 2.88551 | 1.86396 | 2.67462 |
| BEN6 | 6 | 2.54374 | 1.89945 | 1.27988 | 2.27913 | 1.76516 | 2.21265 | 2.26682 | 1.45002 | 2.46280 |
| BEN7 | 7 | 2.56246 | 1.83174 | 1.45406 | 2.10819 | 2.23607 | 2.15155 | 2.63818 | 1.32530 | 2.50294 |
| BEN8 | 8 | 2.64714 | 2.15455 | 1.70992 | 3.00000 | 2.67542 | 2.04022 | 2.18139 | 1.25576 | 2.26367 |
| BEN9 | 9 | 2.33263 | 2.03328 | 1.33452 | 3.46811 | 1.71295 | 2.26569 | 2.14153 | .77625 | 1.76476 |
| BEN10 | 10 | 2.71434 | 1.86660 | 1.66762 | 3.77859 | 2.23077 | 2.27211 | 2.16013 | 1.40512 | 2.08324 |
| BEN11 | 11 | 2.52342 | 2.11449 | 1.35225 | 3.42763 | 2.46235 | 2.25000 | 2.26308 | 1.68325 | 1.81497 |

| | | | | |
|---|---|---|---|---|
| COND | = | *3.00000 | *3.00000 | *3.00000 |
| WTCLS | = | *2.00000 | *3.00000 | *4.00000 |
| | TIME | | | |
| BEN1 | 1 | 1.47097 | 1.76383 | 2.42337 |
| BEN2 | 2 | 1.46699 | 1.50000 | 3.07778 |
| BEN3 | 3 | 1.52177 | 1.93649 | 1.78885 |
| BEN4 | 4 | 1.72698 | 1.85592 | 2.08893 |
| BEN5 | 5 | 1.30675 | 2.06155 | 1.94001 |
| BEN6 | 6 | 1.48482 | 2.10819 | 1.47093 |
| BEN7 | 7 | 1.27275 | 2.00693 | 1.22103 |
| BEN8 | 8 | 1.22832 | 1.45297 | 2.44206 |
| BEN9 | 9 | 2.03622 | 1.66667 | 2.13627 |
| BEN10 | 10 | 1.50049 | 2.00000 | 1.77866 |
| BEN11 | 11 | 1.61499 | 1.53659 | 2.35874 |

## ANALYSIS OF VARIANCE ARCI - MBG SCALE

ANALYSIS OF VARIANCE FOR 3-RD
DEPENDENT VARIABLE - MBG1 MBG2 MBG3 MBG4 MBG5 MBG6 MBG7 MBG8 MBG9
MBG10 MBG11

| SOURCE | SUM OF SQUARES | DEGREES OF FREEDOM | MEAN SQUARE | F | TAIL PROB. |
|---|---|---|---|---|---|
| MEAN | 29747.42688 | 1 | 29747.42688 | 220.85 | 0.0000 |
| COND | 114.27359 | 2 | 57.13679 | .42 | .6549 |
| MICLS | 640.56568 | 3 | 213.52189 | 1.59 | .1945 |
| CN | 1216.58029 | 6 | 202.76338 | 1.51 | .1787 |
| ERROR | 24379.99373 | 181 | 134.69610 | | |
| TIME | 468.93197 | 10 | 46.89320 | 13.53 | 0.0000 |
| TC | 44.91642 | 20 | 2.24582 | .65 | .8782 |
| TW | 130.44711 | 30 | 4.34824 | 1.25 | .1617 |
| TCW | 238.12650 | 60 | 3.96878 | 1.15 | .2106 |
| ERROR | 6271.66674 | 1810 | 3.46501 | | |

CELL MEANS FOR 3-RD DEPENDENT VARIABLE

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| COND | = | *1.00000 | *1.00000 | *1.00000 | *1.00000 | *2.00000 | *2.00000 | *2.00000 | *2.00000 | *3.00000 |
| WTCLS | = | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 |
| | TIME | | | | | | | | | |
| MBG1 | 1 | 5.11765 | 4.90000 | 5.26667 | 5.22222 | 5.75000 | 3.81250 | 7.69231 | 3.92308 | 4.33333 |
| MBG2 | 2 | 3.94118 | 3.70000 | 3.60000 | 5.88889 | 5.70000 | 3.81250 | 6.92308 | 4.00000 | 3.94444 |
| MBG3 | 3 | 4.00000 | 3.10000 | 3.13333 | 6.11111 | 5.95000 | 3.37500 | 6.26923 | 2.46154 | 4.16667 |
| MBG4 | 4 | 3.64706 | 3.45000 | 3.00000 | 5.55556 | 4.50000 | 3.00000 | 6.53846 | 1.92308 | 3.66667 |
| MBG5 | 5 | 3.52941 | 3.05000 | 3.46667 | 4.66667 | 3.30000 | 3.18750 | 6.11538 | 3.30769 | 3.50000 |
| MBG6 | 6 | 3.00000 | 3.25000 | 4.00000 | 4.00000 | 3.45000 | 3.50000 | 6.15385 | 2.07692 | 3.55556 |
| MBG7 | 7 | 3.29412 | 3.60000 | 3.20000 | 3.22222 | 4.55000 | 3.25000 | 5.76923 | 2.46154 | 3.50000 |
| MBG8 | 8 | 4.11765 | 2.70000 | 3.13333 | 4.44444 | 4.35000 | 3.12500 | 6.07692 | 2.15385 | 2.77778 |
| MBG9 | 9 | 3.35294 | 2.65000 | 4.00000 | 4.22222 | 4.20000 | 3.12500 | 6.23077 | 2.00000 | 2.94444 |
| MBG10 | 10 | 3.76471 | 2.70000 | 3.53333 | 4.44444 | 4.25000 | 3.62500 | 6.23077 | 2.15385 | 2.66667 |
| MBG11 | 11 | 3.88235 | 2.65000 | 3.53333 | 4.66667 | 4.50000 | 4.25000 | 6.46154 | 1.76923 | 3.27778 |
| MARGINAL | | 3.78610 | 3.25000 | 3.62424 | 4.76768 | 4.59091 | 3.46023 | 6.40559 | 2.56643 | 3.48485 |
| COUNT | | 17 | 20 | 15 | 9 | 20 | 16 | 26 | 13 | 18 |

| | | | | | MARGINAL |
|---|---|---|---|---|---|
| COND | = | *3.00000 | *3.00000 | *3.00000 | |
| WTCLS | = | *2.00000 | *3.00000 | *4.00000 | |
| | TIME | | | | |
| MBG1 | 1 | 3.42105 | 6.22222 | 5.36364 | 5.16062 |
| MBG2 | 2 | 2.78947 | 5.55556 | 5.36364 | 4.60104 |
| MBG3 | 3 | 2.36842 | 5.11111 | 5.45455 | 4.27979 |
| MBG4 | 4 | 2.73684 | 4.88889 | 4.54545 | 3.99482 |
| MBG5 | 5 | 2.47368 | 4.22222 | 4.72727 | 3.80311 |
| MBG6 | 6 | 3.05263 | 3.11111 | 3.90909 | 3.71503 |
| MBG7 | 7 | 2.52632 | 3.77778 | 3.54545 | 3.69948 |
| MBG8 | 8 | 2.36842 | 3.22222 | 2.90909 | 3.57513 |
| MBG9 | 9 | 2.57895 | 2.66667 | 4.36364 | 3.64767 |
| MBG10 | 10 | 2.73684 | 3.11111 | 4.45455 | 3.73575 |
| MBG11 | 11 | 2.94737 | 3.11111 | 4.54545 | 3.91710 |
| MARGINAL | | 2.72727 | 4.09091 | 4.47107 | 4.01178 |
| COUNT | | 19 | 9 | 11 | 193 |

STANDARD DEVIATIONS FOR 3-RD DEPENDENT VARIABLE

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| COND | = | *1.00000 | *1.00000 | *1.00000 | *1.00000 | *2.00000 | *2.00000 | *2.00000 | *2.00000 | *3.00000 |
| WTCLS | = | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 |
| | TIME | | | | | | | | | |
| MBB1 | 1 | 4.51224 | 3.94568 | 3.55501 | 5.49495 | 4.60977 | 4.38511 | 4.54109 | 2.81252 | 4.49837 |
| MBB2 | 2 | 3.81560 | 3.61430 | 2.92292 | 6.47002 | 4.84605 | 3.58178 | 5.00338 | 2.94392 | 4.46519 |
| MBB3 | 3 | 3.85681 | 3.07622 | 3.09069 | 6.56591 | 4.90408 | 4.09675 | 5.11122 | 1.94145 | 4.63046 |
| MBB4 | 4 | 4.28575 | 3.45612 | 2.90320 | 5.96052 | 3.87298 | 3.77712 | 5.07725 | 1.80100 | 4.20084 |
| MBB5 | 5 | 4.17010 | 3.13679 | 2.97289 | 4.97494 | 3.21346 | 4.16683 | 5.27126 | 3.19856 | 3.77686 |
| MBB6 | 6 | 3.31662 | 3.71165 | 3.18479 | 5.50000 | 3.96664 | 4.08248 | 5.02547 | 2.06000 | 3.97377 |
| MBB7 | 7 | 3.44174 | 3.58946 | 2.95683 | 4.86769 | 4.08431 | 4.21900 | 5.22538 | 2.81707 | 4.14800 |
| MBB8 | 8 | 4.48445 | 2.81163 | 2.66905 | 5.63718 | 4.57999 | 3.86221 | 5.02731 | 2.11527 | 2.71284 |
| MBB9 | 9 | 3.40847 | 2.97843 | 3.22933 | 5.91138 | 4.50263 | 3.87943 | 5.18697 | 1.63299 | 3.07690 |
| MBB10 | 10 | 3.38248 | 3.62883 | 2.74816 | 5.85472 | 4.43521 | 3.84491 | 5.19467 | 2.51151 | 2.86972 |
| MBB11 | 11 | 3.99816 | 3.16685 | 3.09069 | 5.72276 | 4.58258 | 4.72582 | 5.17865 | 2.24179 | 3.61053 |

| | | | | |
|---|---|---|---|---|
| COND | = | *3.00000 | *3.00000 | *3.00000 |
| WTCLS | = | *2.00000 | *3.00000 | *4.00000 |
| | TIME | | | |
| MBB1 | 1 | 2.56722 | 3.11359 | 3.52910 |
| MBB2 | 2 | 2.65788 | 3.32081 | 4.00581 |
| MBB3 | 3 | 2.33834 | 3.62073 | 3.59786 |
| MBB4 | 4 | 2.51312 | 3.29562 | 3.07778 |
| MBB5 | 5 | 3.00681 | 3.45607 | 3.40855 |
| MBB6 | 6 | 3.30780 | 2.80377 | 3.75379 |
| MBB7 | 7 | 2.69502 | 3.15348 | 3.17376 |
| MBB8 | 8 | 2.36198 | 3.03223 | 2.98176 |
| MBB9 | 9 | 2.47915 | 1.87083 | 4.24906 |
| MBB10 | 10 | 2.60559 | 3.10018 | 4.52468 |
| MBB11 | 11 | 2.95285 | 3.48010 | 4.59050 |

ANALYSIS OF VARIANCE ARCI - PCAG SCALE

ANALYSIS OF VARIANCE FOR 4-TH
DEPENDENT VARIABLE - PCAG1 PCAG2 PCAG3 PCAG4 PCAG5 PCAG6 PCAG7 PCAG8 PCAG9
PCAG10 PCAG11

| SOURCE | SUM OF SQUARES | DEGREES OF FREEDOM | MEAN SQUARE | F | TAIL PROB. |
|---|---|---|---|---|---|
| MEAN | 34621.88275 | 1 | 34621.88275 | 800.00 | 0.0000 |
| COND | 34.46192 | 2 | 17.23096 | .40 | .6721 |
| WICLS | 390.76058 | 3 | 130.25353 | 3.01 | .0316 |
| CU | 112.50186 | 6 | 18.75031 | .43 | .8560 |
| ERROR | 7833.17930 | 181 | 43.27723 | | |
| TIME | 194.99576 | 10 | 19.49958 | 6.23 | 0.0000 |
| TC | 39.48209 | 20 | 1.97110 | .63 | .8929 |
| TW | 186.94337 | 30 | 6.23145 | 1.99 | .0012 |
| TCU | 224.77695 | 60 | 3.71428 | 1.20 | .1471 |
| ERROR | 5649.34781 | 1810 | 3.13224 | | |

CELL MEANS FOR 4-TH DEPENDENT VARIABLE

| COND = | | *1.00000 | *1.00000 | *1.00000 | *1.00000 | *2.00000 | *2.00000 | *2.00000 | *2.00000 | *3.00000 |
|---|---|---|---|---|---|---|---|---|---|---|
| WTCLS = | | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 |
| | TIME | | | | | | | | | |
| PCAG1 | 1 | 3.70588 | 4.65000 | 3.06667 | 3.33333 | 2.75000 | 4.62500 | 2.53846 | 4.15385 | 4.27778 |
| PCAG2 | 2 | 4.23529 | 4.05000 | 3.46667 | 3.77778 | 3.10000 | 4.43750 | 3.57692 | 4.61538 | 4.61111 |
| PCAG3 | 3 | 4.47059 | 4.40000 | 4.06667 | 2.66667 | 3.30000 | 4.56250 | 3.57692 | 4.07692 | 4.77778 |
| PCAG4 | 4 | 4.58824 | 4.20000 | 4.60000 | 3.11111 | 3.60000 | 5.18750 | 3.00000 | 5.92308 | 4.88889 |
| PCAG5 | 5 | 4.47059 | 4.35000 | 3.73333 | 3.88889 | 4.45000 | 5.25000 | 3.11538 | 4.38462 | 5.11111 |
| PCAG6 | 6 | 4.88235 | 4.30000 | 3.33333 | 3.55556 | 5.15000 | 4.25000 | 3.03846 | 4.76923 | 4.66667 |
| PCAG7 | 7 | 4.58824 | 5.05000 | 3.60000 | 6.33333 | 4.55000 | 4.81250 | 3.84615 | 5.00000 | 5.00000 |
| PCAG8 | 8 | 3.76471 | 4.70000 | 4.46667 | 5.00000 | 3.45000 | 5.37500 | 3.84615 | 5.46154 | 4.38889 |
| PCAG9 | 9 | 4.17647 | 5.35000 | 4.26667 | 4.33333 | 3.90000 | 4.87500 | 3.80769 | 4.92308 | 4.61111 |
| PCAG10 | 10 | 3.41176 | 4.65000 | 3.33333 | 4.55556 | 3.35000 | 4.25000 | 3.11538 | 5.46154 | 4.66667 |
| PCAG11 | 11 | 4.17647 | 4.15000 | 3.06667 | 4.22222 | 3.20000 | 3.68750 | 3.19231 | 5.38462 | 3.72222 |
| MARGINAL | | 4.22460 | 4.53182 | 3.72727 | 4.07071 | 3.70909 | 4.66477 | 3.33217 | 4.92308 | 4.61111 |
| COUNT | | 17 | 20 | 15 | 9 | 20 | 16 | 26 | 13 | 18 |

| COND = | | *3.00000 | *3.00000 | *3.00000 | MARGINAL |
|---|---|---|---|---|---|
| WTCLS = | | *2.00000 | *3.00000 | *4.00000 | |
| | TIME | | | | |
| PCAG1 | 1 | 4.52632 | 3.77778 | 4.09091 | 3.74611 |
| PCAG2 | 2 | 4.78947 | 3.11111 | 4.00000 | 3.99482 |
| PCAG3 | 3 | 5.26316 | 3.77778 | 4.54545 | 4.16580 |
| PCAG4 | 4 | 4.84211 | 3.44444 | 4.36364 | 4.29016 |
| PCAG5 | 5 | 4.42105 | 3.77778 | 4.18182 | 4.25389 |
| PCAG6 | 6 | 4.84211 | 3.66667 | 5.54545 | 4.31606 |
| PCAG7 | 7 | 5.15789 | 3.33333 | 6.18182 | 4.70984 |
| PCAG8 | 8 | 5.21053 | 3.88889 | 7.09091 | 4.59585 |
| PCAG9 | 9 | 4.68421 | 3.33333 | 6.00000 | 4.49741 |
| PCAG10 | 10 | 4.15789 | 3.22222 | 4.36364 | 3.98446 |
| PCAG11 | 11 | 4.05263 | 3.22222 | 3.81818 | 3.77720 |
| MARGINAL | | 4.72249 | 3.50505 | 4.92562 | 4.21196 |
| COUNT | | 19 | 9 | 11 | 193 |

STANDARD DEVIATIONS FOR 4-TH DEPENDENT VARIABLE

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| COND | = | *1.00000 | *1.00000 | *1.00000 | *1.00000 | *2.00000 | *2.00000 | *2.00000 | *2.00000 | *3.00000 |
| WTCLS | = | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 |
| | TIME | | | | | | | | | |
| PCAG1 | 1 | 2.25734 | 2.83354 | 1.48645 | 2.82843 | 1.94327 | 2.72947 | 1.96430 | 1.51911 | 1.90373 |
| PCAG2 | 2 | 2.68164 | 2.74293 | 2.03072 | 2.86259 | 2.29186 | 3.22426 | 2.56395 | 2.18092 | 2.68194 |
| PCAG3 | 3 | 2.62482 | 2.83536 | 2.37447 | 1.87083 | 2.45164 | 3.34602 | 2.04300 | 1.32045 | 3.02063 |
| PCAG4 | 4 | 2.82973 | 2.30788 | 2.89828 | 1.69148 | 2.43656 | 3.60035 | 1.78885 | 2.90004 | 3.16021 |
| PCAG5 | 5 | 2.91800 | 2.81490 | 2.52039 | 3.10018 | 2.94645 | 3.66060 | 1.68112 | 2.50128 | 3.25195 |
| PCAG6 | 6 | 3.14011 | 2.69698 | 1.44749 | 2.69774 | 3.21632 | 2.91662 | 1.86506 | 2.80339 | 2.72246 |
| PCAG7 | 7 | 3.06306 | 2.81864 | 1.76473 | 4.79583 | 2.25890 | 3.35099 | 2.14834 | 2.73861 | 2.93057 |
| PCAG8 | 8 | 2.33263 | 2.57723 | 3.29213 | 4.24264 | 2.43818 | 3.09570 | 2.89403 | 3.01705 | 2.59272 |
| PCAG9 | 9 | 2.27033 | 3.12235 | 2.49189 | 4.00000 | 2.19809 | 3.11716 | 2.65359 | 2.78273 | 2.59272 |
| PCAG10 | 10 | 2.03282 | 2.66112 | 1.71825 | 4.95255 | 1.78517 | 3.23522 | 1.50537 | 2.98930 | 2.82843 |
| PCAG11 | 11 | 2.85559 | 2.18307 | 1.90738 | 4.20648 | 2.35305 | 2.57472 | 1.64971 | 3.04243 | 2.51596 |

| | | | | |
|---|---|---|---|---|
| COND | = | *3.00000 | *3.00000 | *3.00000 |
| WTCLS | = | *2.00000 | *3.00000 | *4.00000 |
| | TIME | | | |
| PCAG1 | 1 | 2.77626 | 1.20185 | 3.17662 |
| PCAG2 | 2 | 2.27496 | 1.53659 | 2.79285 |
| PCAG3 | 3 | 1.92093 | 2.38630 | 2.62159 |
| PCAG4 | 4 | 2.36322 | 2.35112 | 2.41962 |
| PCAG5 | 5 | 1.92399 | 1.64148 | 2.31595 |
| PCAG6 | 6 | 2.58754 | 1.80278 | 3.93354 |
| PCAG7 | 7 | 2.11511 | 1.22474 | 3.60051 |
| PCAG8 | 8 | 2.22558 | 1.53659 | 4.08545 |
| PCAG9 | 9 | 2.33459 | 1.50000 | 3.92428 |
| PCAG10 | 10 | 2.03479 | 1.48137 | 3.04213 |
| PCAG11 | 11 | 2.01311 | 1.56347 | 2.48267 |

## ANALYSIS OF VARIANCE ARCI - LSD SCALE

ANALYSIS OF VARIANCE FOR 5-TH
DEPENDENT VARIABLE - LSD1 LSD2 LSD3 LSD4 LSD5 LSD6 LSD7 LSD8 LSD9
LSD10 LSD11

| SOURCE | SUM OF SQUARES | DEGREES OF FREEDOM | MEAN SQUARE | F | TAIL PROB. |
|---|---|---|---|---|---|
| MEAN | 21949.48341 | 1 | 21949.48341 | 969.12 | 0.0000 |
| COND | 33.96274 | 2 | 16.98137 | .75 | .4739 |
| NICLS | 266.55290 | 3 | 88.85097 | 3.92 | .0096 |
| CH | 119.95228 | 6 | 19.99205 | .88 | .5087 |
| ERROR | 4099.46183 | 181 | 22.64896 | | |
| LINE | | | | | |
| D2 | 66.33501 | 10 | 6.63350 | 4.80 | 0.0000 |
| TH | 16.18853 | 20 | .80943 | .59 | .9251 |
| TCH | 88.32769 | 30 | 2.94426 | 2.13 | .0004 |
| ERROR | 74.22100 | 60 | 1.23702 | .89 | .7022 |
| | 2502.44523 | 1810 | 1.38257 | | |

CELL MEANS FOR 5-TH DEPENDENT VARIABLE

| COND = | | *1.00000 | *1.00000 | *1.00000 | *1.00000 | *2.00000 | *2.00000 | *2.00000 | *2.00000 | *3.00000 |
|---|---|---|---|---|---|---|---|---|---|---|
| WTCLS = | | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 | *2.00000 | *3.00000 | *4.00000 | *1.00000 |
| | TIME | | | | | | | | | |
| LSD1 | 1 | 3.11765 | 3.30000 | 2.73333 | 3.33333 | 3.00000 | 3.18750 | 2.26923 | 2.84615 | 2.88889 |
| LSD2 | 2 | 2.94118 | 4.10000 | 3.20000 | 3.33333 | 3.40000 | 3.50000 | 2.39462 | 2.53846 | 3.00000 |
| LSD3 | 3 | 3.41176 | 4.40000 | 2.66667 | 3.55556 | 3.40000 | 3.56250 | 2.19231 | 2.84615 | 2.88889 |
| LSD4 | 4 | 3.88235 | 3.90000 | 2.26667 | 3.33333 | 4.20000 | 4.00000 | 2.26923 | 3.38462 | 3.50000 |
| LSD5 | 5 | 3.52941 | 4.65000 | 2.60000 | 3.44444 | 4.15000 | 3.68750 | 2.46154 | 3.23077 | 2.88889 |
| LSD6 | 6 | 3.58824 | 4.15000 | 2.66667 | 4.55556 | 4.30000 | 3.25000 | 2.69231 | 3.69231 | 3.27778 |
| LSD7 | 7 | 3.11765 | 3.70000 | 3.40000 | 4.22222 | 3.45000 | 3.62500 | 2.34615 | 3.76923 | 3.11111 |
| LSD8 | 8 | 3.17647 | 4.50000 | 3.06667 | 3.88889 | 3.75000 | 3.75000 | 2.57692 | 3.53846 | 2.72222 |
| LSD9 | 9 | 3.35294 | 3.95000 | 3.53333 | 4.00000 | 3.75000 | 3.62500 | 2.76923 | 4.00000 | 3.27778 |
| LSD10 | 10 | 3.58824 | 4.35000 | 3.06667 | 4.33333 | 3.10000 | 3.87500 | 2.80769 | 3.46154 | 3.33333 |
| LSD11 | 11 | 3.23529 | 4.55000 | 2.86667 | 4.11111 | 3.40000 | 3.68750 | 2.65385 | 3.23077 | 3.22222 |
| MARGINAL | | 3.35829 | 4.15909 | 2.91515 | 3.82828 | 3.62727 | 3.61364 | 2.49301 | 3.32168 | 3.10101 |
| COUNT | | 17 | 20 | 15 | 9 | 20 | 16 | 26 | 13 | 18 |

| COND = | | *3.00000 | *3.00000 | *3.00000 | MARGINAL |
|---|---|---|---|---|---|
| WTCLS = | | *2.00000 | *3.00000 | *4.00000 | |
| | TIME | | | | |
| LSD1 | 1 | 3.05263 | 1.77778 | 3.81818 | 2.92746 |
| LSD2 | 2 | 3.21053 | 3.11111 | 3.45455 | 3.16062 |
| LSD3 | 3 | 3.31579 | 2.55556 | 3.54545 | 3.18135 |
| LSD4 | 4 | 3.47368 | 3.11111 | 3.09091 | 3.36788 |
| LSD5 | 5 | 3.36842 | 3.33333 | 3.81818 | 3.43523 |
| LSD6 | 6 | 3.15789 | 3.11111 | 3.90909 | 3.47668 |
| LSD7 | 7 | 3.10526 | 3.22222 | 5.00000 | 3.37824 |
| LSD8 | 8 | 3.31579 | 2.77778 | 4.72727 | 3.43005 |
| LSD9 | 9 | 3.26316 | 3.00000 | 4.63636 | 3.52850 |
| LSD10 | 10 | 3.15789 | 2.88889 | 3.72727 | 3.43005 |
| LSD11 | 11 | 3.52632 | 2.88889 | 4.18182 | 3.42487 |
| MARGINAL | | 3.26794 | 2.88889 | 3.99174 | 3.34008 |
| COUNT | | 19 | 9 | 11 | 193 |

STANDARD DEVIATIONS FOR 5-TH DEPENDENT VARIABLE

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| COND | = | #1.00000 | #1.00000 | #1.00000 | #1.00000 | #2.00000 | #2.00000 | #2.00000 | #2.00000 | #3.00000 |
| WTCLS | = | #1.00000 | #2.00000 | #3.00000 | #4.00000 | #1.00000 | #2.00000 | #3.00000 | #4.00000 | #1.00000 |
| | TIME | | | | | | | | | |
| LSD1 | 1 | 1.36393 | 1.97617 | 1.33452 | 1.22474 | 1.83533 | 1.68201 | 1.31325 | .98710 | 1.77859 |
| LSD2 | 2 | 1.71284 | 2.14966 | 1.93465 | 1.58114 | 1.31389 | 1.93218 | 1.32897 | 1.45002 | 1.49509 |
| LSD3 | 3 | 1.90587 | 1.75919 | 1.23443 | 1.87824 | 1.87504 | 2.58118 | 1.38620 | .98710 | 1.56765 |
| LSD4 | 4 | 2.54662 | 2.14966 | 1.27988 | 1.93649 | 2.39737 | 1.54919 | 1.37281 | 2.36426 | 2.12132 |
| LSD5 | 5 | 1.77192 | 2.30046 | 1.40408 | 1.74005 | 2.83354 | 1.53704 | 1.42073 | 1.23517 | 1.52966 |
| LSD6 | 6 | 1.32565 | 1.81442 | 1.44749 | 3.08671 | 2.92179 | 1.12546 | 1.87124 | 1.54837 | 1.90373 |
| LSD7 | 7 | 1.26897 | 2.00263 | 1.50238 | 3.38296 | 2.37254 | 1.54380 | 1.26309 | 1.23517 | 1.90630 |
| LSD8 | 8 | 1.74052 | 1.84961 | 1.48645 | 2.31541 | 1.86025 | 1.69312 | 1.92194 | 1.05003 | .66911 |
| LSD9 | 9 | 1.80074 | 1.60509 | 1.88478 | 3.04138 | 2.44680 | 1.58640 | 1.81786 | 2.64575 | 1.44733 |
| LSD10 | 10 | 1.37199 | 1.63111 | 1.53375 | 3.93700 | 1.74416 | 1.66833 | 1.85514 | 1.33012 | 1.71499 |
| LSD11 | 11 | 1.46026 | 2.13923 | 1.12546 | 2.93447 | 1.87504 | 1.07819 | 1.49512 | 1.69085 | 1.73394 |

| | | | | |
|---|---|---|---|---|
| COND | = | #3.00000 | #3.00000 | #3.00000 |
| WTCLS | = | #2.00000 | #3.00000 | #4.00000 |
| | TIME | | | |
| LSD1 | 1 | 1.26814 | 1.09291 | 1.94001 |
| LSD2 | 2 | 1.39758 | 1.90029 | 1.86353 |
| LSD3 | 3 | 1.70139 | .88192 | 2.58316 |
| LSD4 | 4 | 1.57651 | 1.05409 | 2.70017 |
| LSD5 | 5 | 1.42246 | 1.58114 | 2.60070 |
| LSD6 | 6 | 1.60773 | .92796 | 2.73695 |
| LSD7 | 7 | 1.41007 | 1.30171 | 3.19374 |
| LSD8 | 8 | 1.66842 | 1.30171 | 3.22772 |
| LSD9 | 9 | 1.36797 | .86603 | 3.00908 |
| LSD10 | 10 | 1.06787 | 1.05409 | 2.57258 |
| LSD11 | 11 | 1.61136 | .60093 | 3.09251 |