

Multiple Comparisons - i* and use cases, creation task

Games-Howell

| Dependent Variable | (I) Task | (J) Task | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval | |
|--------------------|------------------|------------------|-----------------------|------------|------|-------------------------|-------------|
| | | | | | | Lower Bound | Upper Bound |
| Precision | i* 1.0 Create | iStar 2.0 Create | -.08500 | .04393 | .221 | -.2001 | .0301 |
| | | ARNE Create | -.24600* | .04616 | .000 | -.3672 | -.1248 |
| | | ALCO Create | -.38175* | .04930 | .000 | -.5113 | -.2522 |
| | iStar 2.0 Create | i* 1.0 Create | .08500 | .04393 | .221 | -.0301 | .2001 |
| | | ARNE Create | -.16100* | .04515 | .003 | -.2793 | -.0427 |
| | | ALCO Create | -.29675* | .04835 | .000 | -.4236 | -.1699 |
| | ARNE Create | i* 1.0 Create | .24600* | .04616 | .000 | .1248 | .3672 |
| | | iStar 2.0 Create | .16100* | .04515 | .003 | .0427 | .2793 |
| | | ALCO Create | -.13575* | .05039 | .042 | -.2681 | -.0034 |
| | ALCO Create | i* 1.0 Create | .38175* | .04930 | .000 | .2522 | .5113 |
| | | iStar 2.0 Create | .29675* | .04835 | .000 | .1699 | .4236 |
| | | ARNE Create | .13575* | .05039 | .042 | .0034 | .2681 |
| Recall | i* 1.0 Create | iStar 2.0 Create | -.13420* | .04747 | .029 | -.2585 | -.0099 |
| | | ARNE Create | -.18100* | .04109 | .000 | -.2890 | -.0730 |
| | | ALCO Create | -.32275* | .05224 | .000 | -.4600 | -.1855 |
| | iStar 2.0 Create | i* 1.0 Create | .13420* | .04747 | .029 | .0099 | .2585 |
| | | ARNE Create | -.04680 | .04238 | .688 | -.1579 | .0643 |
| | | ALCO Create | -.18855* | .05326 | .004 | -.3283 | -.0488 |
| | ARNE Create | i* 1.0 Create | .18100* | .04109 | .000 | .0730 | .2890 |
| | | iStar 2.0 Create | .04680 | .04238 | .688 | -.0643 | .1579 |
| | | ALCO Create | -.14175* | .04767 | .021 | -.2675 | -.0160 |
| | ALCO Create | i* 1.0 Create | .32275* | .05224 | .000 | .1855 | .4600 |
| | | iStar 2.0 Create | .18855* | .05326 | .004 | .0488 | .3283 |
| | | ARNE Create | .14175* | .04767 | .021 | .0160 | .2675 |
| FMeasure | i* 1.0 Create | iStar 2.0 Create | -.09153* | .03250 | .031 | -.1768 | -.0063 |
| | | ARNE | -.25622* | .03816 | .000 | -.3564 | -.1560 |

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

| | | | | | | | |
|-------------|------------------|------------------|--------------------------|----------|------|------------|-----------|
| | | Create | | | | | |
| | | ALCO Create | -.39890 [*] | .04579 | .000 | -.5195 | -.2783 |
| | | | | | | | |
| | iStar 2.0 Create | i* 1.0 Create | .09153 [*] | .03250 | .031 | .0063 | .1768 |
| | | ARNE Create | -.16469 [*] | .03532 | .000 | -.2575 | -.0719 |
| | | ALCO Create | -.30737 [*] | .04345 | .000 | -.4221 | -.1926 |
| | ARNE Create | i* 1.0 Create | .25622 [*] | .03816 | .000 | .1560 | .3564 |
| | | iStar 2.0 Create | .16469 [*] | .03532 | .000 | .0719 | .2575 |
| | | ALCO Create | -.14268 [*] | .04782 | .020 | -.2684 | -.0169 |
| | ALCO Create | i* 1.0 Create | .39890 [*] | .04579 | .000 | .2783 | .5195 |
| | | iStar 2.0 Create | .30737 [*] | .04345 | .000 | .1926 | .4221 |
| | | ARNE Create | .14268 [*] | .04782 | .020 | .0169 | .2684 |
| Duration | i* 1.0 Create | iStar 2.0 Create | -554.23500 [*] | 99.47805 | .000 | -816.5783 | -291.8917 |
| | | ARNE Create | 377.05000 [*] | 42.10618 | .000 | 265.6117 | 488.4883 |
| | | ALCO Create | 583.62500 [*] | 40.80883 | .000 | 475.2955 | 691.9545 |
| | iStar 2.0 Create | i* 1.0 Create | 554.23500 [*] | 99.47805 | .000 | 291.8917 | 816.5783 |
| | | ARNE Create | 931.28500 [*] | 93.89645 | .000 | 682.2263 | 1180.3437 |
| | | ALCO Create | 1137.86000 [*] | 93.32188 | .000 | 890.1361 | 1385.5839 |
| | ARNE Create | i* 1.0 Create | -377.05000 [*] | 42.10618 | .000 | -488.4883 | -265.6117 |
| | | iStar 2.0 Create | -931.28500 [*] | 93.89645 | .000 | -1180.3437 | -682.2263 |
| | | ALCO Create | 206.57500 [*] | 24.20788 | .000 | 142.9756 | 270.1744 |
| | ALCO Create | i* 1.0 Create | -583.62500 [*] | 40.80883 | .000 | -691.9545 | -475.2955 |
| | | iStar 2.0 Create | -1137.86000 [*] | 93.32188 | .000 | -1385.5839 | -890.1361 |
| | | ARNE Create | -206.57500 [*] | 24.20788 | .000 | -270.1744 | -142.9756 |
| FirstActDet | i* 1.0 Create | iStar 2.0 Create | 483.02000 [*] | 35.61588 | .000 | 389.7480 | 576.2920 |
| | | ARNE Create | 566.32500 [*] | 25.74298 | .000 | 497.9327 | 634.7173 |
| | | ALCO Create | 521.32500 [*] | 25.72639 | .000 | 452.9718 | 589.6782 |
| | iStar 2.0 Create | i* 1.0 Create | -483.02000 [*] | 35.61588 | .000 | -576.2920 | -389.7480 |
| | | ARNE Create | 83.30500 [*] | 27.91222 | .021 | 9.5751 | 157.0349 |
| | | ALCO Create | 38.30500 | 27.89692 | .521 | -35.3883 | 111.9983 |
| | ARNE | i* 1.0 | | 25.74298 | .000 | -634.7173 | -497.9327 |

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

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|------------|------------------|------------------|-------------------------|-----------|------|------------|-----------|
| | Create | Create | -566.32500 [*] | | | | |
| | | iStar 2.0 Create | -83.30500 [*] | 27.91222 | .021 | -157.0349 | -9.5751 |
| | | ALCO Create | -45.00000 [*] | 13.13196 | .005 | -79.4753 | -10.5247 |
| | ALCO Create | i* 1.0 Create | -521.32500 [*] | 25.72639 | .000 | -589.6782 | -452.9718 |
| | | iStar 2.0 Create | -38.30500 | 27.89692 | .521 | -111.9983 | 35.3883 |
| | | ARNE Create | 45.00000 [*] | 13.13196 | .005 | 10.5247 | 79.4753 |
| LastActDet | i* 1.0 Create | iStar 2.0 Create | -213.33500 | 107.75273 | .207 | -497.8316 | 71.1616 |
| | | ARNE Create | 379.62500 [*] | 42.16427 | .000 | 268.1437 | 491.1063 |
| | | ALCO Create | 584.27500 [*] | 40.68531 | .000 | 476.3601 | 692.1899 |
| | iStar 2.0 Create | i* 1.0 Create | 213.33500 | 107.75273 | .207 | -71.1616 | 497.8316 |
| | | ARNE Create | 592.96000 [*] | 102.94101 | .000 | 319.8535 | 866.0665 |
| | | ALCO Create | 797.61000 [*] | 102.34413 | .000 | 525.8884 | 1069.3316 |
| | ARNE Create | i* 1.0 Create | -379.62500 [*] | 42.16427 | .000 | -491.1063 | -268.1437 |
| | | iStar 2.0 Create | -592.96000 [*] | 102.94101 | .000 | -866.0665 | -319.8535 |
| | | ALCO Create | 204.65000 [*] | 25.32774 | .000 | 138.1044 | 271.1956 |
| | ALCO Create | i* 1.0 Create | -584.27500 [*] | 40.68531 | .000 | -692.1899 | -476.3601 |
| | | iStar 2.0 Create | -797.61000 [*] | 102.34413 | .000 | -1069.3316 | -525.8884 |
| | | ARNE Create | -204.65000 [*] | 25.32774 | .000 | -271.1956 | -138.1044 |
| ProcDur | i* 1.0 Create | iStar 2.0 Create | -340.90000 [*] | 44.94108 | .000 | -460.3873 | -221.4127 |
| | | ARNE Create | -2.57500 | 3.90511 | .912 | -12.8271 | 7.6771 |
| | | ALCO Create | -.65000 | 3.76242 | .998 | -10.5282 | 9.2282 |
| | iStar 2.0 Create | i* 1.0 Create | 340.90000 [*] | 44.94108 | .000 | 221.4127 | 460.3873 |
| | | ARNE Create | 338.32500 [*] | 44.94372 | .000 | 218.8317 | 457.8183 |
| | | ALCO Create | 340.25000 [*] | 44.93155 | .000 | 220.7846 | 459.7154 |
| | ARNE Create | i* 1.0 Create | 2.57500 | 3.90511 | .912 | -7.6771 | 12.8271 |
| | | iStar 2.0 Create | -338.32500 [*] | 44.94372 | .000 | -457.8183 | -218.8317 |
| | | ALCO Create | 1.92500 | 3.79379 | .957 | -8.0361 | 11.8861 |
| | ALCO Create | i* 1.0 Create | .65000 | 3.76242 | .998 | -9.2282 | 10.5282 |
| | | iStar 2.0 | -340.25000 [*] | 44.93155 | .000 | -459.7154 | -220.7846 |

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|-------------|------------------|------------------|-------------|----------|------|-----------|-----------|
| | | Create | | | | | |
| | | ARNE Create | -1.92500 | 3.79379 | .957 | -11.8861 | 8.0361 |
| FixRel | i* 1.0 Create | iStar 2.0 Create | 3.08448* | .12816 | .000 | 2.7486 | 3.4204 |
| | | ARNE Create | -5.25925* | .14849 | .000 | -5.6494 | -4.8691 |
| | | ALCO Create | 1.12000* | .14716 | .000 | .7334 | 1.5066 |
| | iStar 2.0 Create | i* 1.0 Create | -3.08448* | .12816 | .000 | -3.4204 | -2.7486 |
| | | ARNE Create | -8.34373* | .14358 | .000 | -8.7208 | -7.9666 |
| | | ALCO Create | -1.96448* | .14220 | .000 | -2.3379 | -1.5911 |
| | ARNE Create | i* 1.0 Create | 5.25925* | .14849 | .000 | 4.8691 | 5.6494 |
| | | iStar 2.0 Create | 8.34373* | .14358 | .000 | 7.9666 | 8.7208 |
| | | ALCO Create | 6.37925* | .16076 | .000 | 5.9572 | 6.8013 |
| | ALCO Create | i* 1.0 Create | -1.12000* | .14716 | .000 | -1.5066 | -.7334 |
| | | iStar 2.0 Create | 1.96448* | .14220 | .000 | 1.5911 | 2.3379 |
| | | ARNE Create | -6.37925* | .16076 | .000 | -6.8013 | -5.9572 |
| FixIrrel | i* 1.0 Create | iStar 2.0 Create | 1.31080 | .89255 | .461 | -1.0279 | 3.6495 |
| | | ARNE Create | -268.73100* | 20.47906 | .000 | -323.6790 | -213.7830 |
| | | ALCO Create | 3.39700* | .77980 | .000 | 1.3433 | 5.4507 |
| | iStar 2.0 Create | i* 1.0 Create | -1.31080 | .89255 | .461 | -3.6495 | 1.0279 |
| | | ARNE Create | -270.04180* | 20.47800 | .000 | -324.9875 | -215.0961 |
| | | ALCO Create | 2.08620* | .75139 | .034 | .1166 | 4.0558 |
| | ARNE Create | i* 1.0 Create | 268.73100* | 20.47906 | .000 | 213.7830 | 323.6790 |
| | | iStar 2.0 Create | 270.04180* | 20.47800 | .000 | 215.0961 | 324.9875 |
| | | ALCO Create | 272.12800* | 20.47339 | .000 | 217.1925 | 327.0635 |
| | ALCO Create | i* 1.0 Create | -3.39700* | .77980 | .000 | -5.4507 | -1.3433 |
| | | iStar 2.0 Create | -2.08620* | .75139 | .034 | -4.0558 | -.1166 |
| | | ARNE Create | -272.12800* | 20.47339 | .000 | -327.0635 | -217.1925 |
| AvDurRelFix | i* 1.0 Create | iStar 2.0 Create | -132.94355* | 41.49552 | .012 | -242.9243 | -22.9628 |
| | | ARNE Create | 364.30125* | 11.83497 | .000 | 333.1806 | 395.4219 |
| | | ALCO Create | 314.35625* | 12.09432 | .000 | 282.5720 | 346.1405 |

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

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|---------------|------------------|------------------|-------------------------|----------|-------|-----------|-----------|
| | iStar 2.0 Create | i* 1.0 Create | 132.94355 [*] | 41.49552 | .012 | 22.9628 | 242.9243 |
| | | ARNE Create | 497.24480 [*] | 41.03264 | .000 | 388.3429 | 606.1467 |
| | | ALCO Create | 447.29980 [*] | 41.10819 | .000 | 338.2225 | 556.3771 |
| | ARNE Create | i* 1.0 Create | -364.30125 [*] | 11.83497 | .000 | -395.4219 | -333.1806 |
| | | iStar 2.0 Create | -497.24480 [*] | 41.03264 | .000 | -606.1467 | -388.3429 |
| | | ALCO Create | -49.94500 [*] | 10.39578 | .000 | -77.2389 | -22.6511 |
| | ALCO Create | i* 1.0 Create | -314.35625 [*] | 12.09432 | .000 | -346.1405 | -282.5720 |
| | | iStar 2.0 Create | -447.29980 [*] | 41.10819 | .000 | -556.3771 | -338.2225 |
| | | ARNE Create | 49.94500 [*] | 10.39578 | .000 | 22.6511 | 77.2389 |
| AvDurlrrelFix | i* 1.0 Create | iStar 2.0 Create | 4.36275 | 61.91195 | 1.000 | -158.4678 | 167.1933 |
| | | ARNE Create | 567.20025 [*] | 34.87819 | .000 | 475.4318 | 658.9687 |
| | | ALCO Create | 373.06875 [*] | 36.28296 | .000 | 277.7161 | 468.4214 |
| | iStar 2.0 Create | i* 1.0 Create | -4.36275 | 61.91195 | 1.000 | -167.1933 | 158.4678 |
| | | ARNE Create | 562.83750 [*] | 58.69562 | .000 | 407.8653 | 717.8097 |
| | | ALCO Create | 368.70600 [*] | 59.54109 | .000 | 211.6913 | 525.7207 |
| | ARNE Create | i* 1.0 Create | -567.20025 [*] | 34.87819 | .000 | -658.9687 | -475.4318 |
| | | iStar 2.0 Create | -562.83750 [*] | 58.69562 | .000 | -717.8097 | -407.8653 |
| | | ALCO Create | -194.13150 [*] | 30.47196 | .000 | -274.1495 | -114.1135 |
| | ALCO Create | i* 1.0 Create | -373.06875 [*] | 36.28296 | .000 | -468.4214 | -277.7161 |
| | | iStar 2.0 Create | -368.70600 [*] | 59.54109 | .000 | -525.7207 | -211.6913 |
| | | ARNE Create | 194.13150 [*] | 30.47196 | .000 | 114.1135 | 274.1495 |
| TotSac | i* 1.0 Create | iStar 2.0 Create | 41.58500 [*] | 2.33541 | .000 | 35.4666 | 47.7034 |
| | | ARNE Create | 30.10000 [*] | 2.29556 | .000 | 24.0730 | 36.1270 |
| | | ALCO Create | 31.30000 [*] | 2.40461 | .000 | 24.9871 | 37.6129 |
| | iStar 2.0 Create | i* 1.0 Create | -41.58500 [*] | 2.33541 | .000 | -47.7034 | -35.4666 |
| | | ARNE Create | -11.48500 [*] | 2.26250 | .000 | -17.4107 | -5.5593 |
| | | ALCO Create | -10.28500 [*] | 2.37307 | .000 | -16.5032 | -4.0668 |
| | ARNE Create | i* 1.0 Create | -30.10000 [*] | 2.29556 | .000 | -36.1270 | -24.0730 |
| | | iStar 2.0 | 11.48500 [*] | 2.26250 | .000 | 5.5593 | 17.4107 |

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

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|-------------|------------------|------------------|------------|---------|------|----------|----------|
| | | Create | | | | | |
| | | ALCO Create | 1.20000 | 2.33386 | .955 | -4.9282 | 7.3282 |
| | ALCO Create | i* 1.0 Create | -31.30000* | 2.40461 | .000 | -37.6129 | -24.9871 |
| | | iStar 2.0 Create | 10.28500* | 2.37307 | .000 | 4.0668 | 16.5032 |
| | | ARNE Create | -1.20000 | 2.33386 | .955 | -7.3282 | 4.9282 |
| Sac2Key | i* 1.0 Create | iStar 2.0 Create | 63.77500* | 2.15706 | .000 | 58.1252 | 69.4248 |
| | | ARNE Create | 84.52500* | 2.03190 | .000 | 79.1896 | 89.8604 |
| | | ALCO Create | 82.22500* | 2.04530 | .000 | 76.8547 | 87.5953 |
| | iStar 2.0 Create | i* 1.0 Create | -63.77500* | 2.15706 | .000 | -69.4248 | -58.1252 |
| | | ARNE Create | 20.75000* | 2.06274 | .000 | 15.3481 | 26.1519 |
| | | ALCO Create | 18.45000* | 2.07594 | .000 | 13.0135 | 23.8865 |
| | ARNE Create | i* 1.0 Create | -84.52500* | 2.03190 | .000 | -89.8604 | -79.1896 |
| | | iStar 2.0 Create | -20.75000* | 2.06274 | .000 | -26.1519 | -15.3481 |
| | | ALCO Create | -2.30000 | 1.94557 | .640 | -7.4077 | 2.8077 |
| | ALCO Create | i* 1.0 Create | -82.22500* | 2.04530 | .000 | -87.5953 | -76.8547 |
| | | iStar 2.0 Create | -18.45000* | 2.07594 | .000 | -23.8865 | -13.0135 |
| | | ARNE Create | 2.30000 | 1.94557 | .640 | -2.8077 | 7.4077 |
| AvAttention | i* 1.0 Create | iStar 2.0 Create | .00600 | .03941 | .999 | -.0973 | .1093 |
| | | ARNE Create | .03250 | .03684 | .814 | -.0643 | .1293 |
| | | ALCO Create | .41500* | .04551 | .000 | .2954 | .5346 |
| | iStar 2.0 Create | i* 1.0 Create | -.00600 | .03941 | .999 | -.1093 | .0973 |
| | | ARNE Create | .02650 | .03527 | .876 | -.0659 | .1189 |
| | | ALCO Create | .40900* | .04424 | .000 | .2928 | .5252 |
| | ARNE Create | i* 1.0 Create | -.03250 | .03684 | .814 | -.1293 | .0643 |
| | | iStar 2.0 Create | -.02650 | .03527 | .876 | -.1189 | .0659 |
| | | ALCO Create | .38250* | .04198 | .000 | .2719 | .4931 |
| | ALCO Create | i* 1.0 Create | -.41500* | .04551 | .000 | -.5346 | -.2954 |
| | | iStar 2.0 Create | -.40900* | .04424 | .000 | -.5252 | -.2928 |
| | | ARNE Create | -.38250* | .04198 | .000 | -.4931 | -.2719 |

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

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|----------|---------------------|---------------------|-------------|----------|------|-----------|----------|
| AvMentWL | i* 1.0 Create | iStar 2.0 Create | .10800* | .03739 | .025 | .0101 | .2059 |
| | | ARNE Create | .06750 | .03676 | .264 | -.0290 | .1640 |
| | | ALCO Create | .42750* | .03580 | .000 | .3335 | .5215 |
| | iStar 2.0 Create | i* 1.0 Create | -.10800* | .03739 | .025 | -.2059 | -.0101 |
| | | ARNE Create | -.04050 | .03896 | .727 | -.1425 | .0615 |
| | | ALCO Create | .31950* | .03806 | .000 | .2198 | .4192 |
| | ARNE Create | i* 1.0 Create | -.06750 | .03676 | .264 | -.1640 | .0290 |
| | | iStar 2.0 Create | .04050 | .03896 | .727 | -.0615 | .1425 |
| | | ALCO Create | .36000* | .03745 | .000 | .2617 | .4583 |
| | ALCO Create | i* 1.0 Create | -.42750* | .03580 | .000 | -.5215 | -.3335 |
| | | iStar 2.0 Create | -.31950* | .03806 | .000 | -.4192 | -.2198 |
| | | ARNE Create | -.36000* | .03745 | .000 | -.4583 | -.2617 |
| AvFam | i* 1.0 Create | iStar 2.0 Create | .07900 | .03363 | .096 | -.0093 | .1673 |
| | | ARNE Create | -.24500* | .03615 | .000 | -.3399 | -.1501 |
| | | ALCO Create | .16500* | .03644 | .000 | .0693 | .2607 |
| | iStar 2.0 Create | i* 1.0 Create | -.07900 | .03363 | .096 | -.1673 | .0093 |
| | | ARNE Create | -.32400* | .03175 | .000 | -.4073 | -.2407 |
| | | ALCO Create | .08600* | .03208 | .043 | .0018 | .1702 |
| | ARNE Create | i* 1.0 Create | .24500* | .03615 | .000 | .1501 | .3399 |
| | | iStar 2.0 Create | .32400* | .03175 | .000 | .2407 | .4073 |
| | | ALCO Create | .41000* | .03471 | .000 | .3189 | .5011 |
| | ALCO Create | i* 1.0 Create | -.16500* | .03644 | .000 | -.2607 | -.0693 |
| | | iStar 2.0 Create | -.08600* | .03208 | .043 | -.1702 | -.0018 |
| | | ARNE Create | -.41000* | .03471 | .000 | -.5011 | -.3189 |
| AvSCL | i* 1.0 Create | iStar 2.0 Create | -131.09500* | 27.90718 | .000 | -204.2115 | -57.9785 |
| | | ARNE Create | 154.30000* | 29.42476 | .000 | 77.0440 | 231.5560 |
| | | ALCO Create | 108.02500* | 31.48316 | .005 | 25.3114 | 190.7386 |
| | iStar 2.0 Create | i* 1.0 Create | 131.09500* | 27.90718 | .000 | 57.9785 | 204.2115 |
| | | ARNE | 285.39500* | 28.91486 | .000 | 209.6024 | 361.1876 |

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

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|-------------|------------------|------------------|-------------|----------|-------|-----------|-----------|
| | | Create | | | | | |
| | | ALCO Create | 239.12000* | 31.00712 | .000 | 157.7405 | 320.4995 |
| | | | | | | | |
| | ARNE Create | i* 1.0 Create | -154.30000* | 29.42476 | .000 | -231.5560 | -77.0440 |
| | | iStar 2.0 Create | -285.39500* | 28.91486 | .000 | -361.1876 | -209.6024 |
| | | ALCO Create | -46.27500 | 32.37974 | .485 | -131.3077 | 38.7577 |
| | ALCO Create | i* 1.0 Create | -108.02500* | 31.48316 | .005 | -190.7386 | -25.3114 |
| | | iStar 2.0 Create | -239.12000* | 31.00712 | .000 | -320.4995 | -157.7405 |
| | | ARNE Create | 46.27500 | 32.37974 | .485 | -38.7577 | 131.3077 |
| HRVar_RMSSD | i* 1.0 Create | iStar 2.0 Create | -3.78587 | 4.56330 | .840 | -15.7555 | 8.1838 |
| | | ARNE Create | 5.69650 | 4.78894 | .635 | -6.8770 | 18.2700 |
| | | ALCO Create | 7.20350 | 4.72705 | .428 | -5.2087 | 19.6157 |
| | iStar 2.0 Create | i* 1.0 Create | 3.78587 | 4.56330 | .840 | -8.1838 | 15.7555 |
| | | ARNE Create | 9.48237 | 4.39640 | .144 | -2.0421 | 21.0069 |
| | | ALCO Create | 10.98937 | 4.32891 | .061 | -.3556 | 22.3344 |
| | ARNE Create | i* 1.0 Create | -5.69650 | 4.78894 | .635 | -18.2700 | 6.8770 |
| | | iStar 2.0 Create | -9.48237 | 4.39640 | .144 | -21.0069 | 2.0421 |
| | | ALCO Create | 1.50700 | 4.56614 | .988 | -10.4807 | 13.4947 |
| | ALCO Create | i* 1.0 Create | -7.20350 | 4.72705 | .428 | -19.6157 | 5.2087 |
| | | iStar 2.0 Create | -10.98937 | 4.32891 | .061 | -22.3344 | .3556 |
| | | ARNE Create | -1.50700 | 4.56614 | .988 | -13.4947 | 10.4807 |
| HRVar_NN50 | i* 1.0 Create | iStar 2.0 Create | -3.21490 | 4.14182 | .865 | -14.0676 | 7.6378 |
| | | ARNE Create | .22375 | 4.28586 | 1.000 | -11.0279 | 11.4754 |
| | | ALCO Create | -.06825 | 4.30144 | 1.000 | -11.3609 | 11.2244 |
| | iStar 2.0 Create | i* 1.0 Create | 3.21490 | 4.14182 | .865 | -7.6378 | 14.0676 |
| | | ARNE Create | 3.43865 | 4.17193 | .843 | -7.4940 | 14.3713 |
| | | ALCO Create | 3.14665 | 4.18793 | .876 | -7.8285 | 14.1218 |
| | ARNE Create | i* 1.0 Create | -.22375 | 4.28586 | 1.000 | -11.4754 | 11.0279 |
| | | iStar 2.0 Create | -3.43865 | 4.17193 | .843 | -14.3713 | 7.4940 |
| | | ALCO Create | -.29200 | 4.33044 | 1.000 | -11.6607 | 11.0767 |

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

| | | | | | | | |
|---------|------------------------|------------------------|------------|---------|-------|----------|----------|
| | ALCO Create | i* 1.0 Create | .06825 | 4.30144 | 1.000 | -11.2244 | 11.3609 |
| | | iStar 2.0 Create | -3.14665 | 4.18793 | .876 | -14.1218 | 7.8285 |
| | | ARNE Create | .29200 | 4.33044 | 1.000 | -11.0767 | 11.6607 |
| NASA_MD | i* 1.0 Create | iStar 2.0 Create | 1.40000 | 2.60809 | .950 | -5.4357 | 8.2357 |
| | | ARNE Create | 31.62500* | 2.49864 | .000 | 25.0602 | 38.1898 |
| | | ALCO Create | 33.75000* | 2.42417 | .000 | 27.3762 | 40.1238 |
| | iStar 2.0 Create | i* 1.0 Create | -1.40000 | 2.60809 | .950 | -8.2357 | 5.4357 |
| | | ARNE Create | 30.22500* | 2.37113 | .000 | 24.0154 | 36.4346 |
| | | ALCO Create | 32.35000* | 2.29253 | .000 | 26.3459 | 38.3541 |
| | ARNE Create | i* 1.0 Create | -31.62500* | 2.49864 | .000 | -38.1898 | -25.0602 |
| | | iStar 2.0 Create | -30.22500* | 2.37113 | .000 | -36.4346 | -24.0154 |
| | | ALCO Create | 2.12500 | 2.16719 | .761 | -3.5653 | 7.8153 |
| | ALCO Create | i* 1.0 Create | -33.75000* | 2.42417 | .000 | -40.1238 | -27.3762 |
| | | iStar 2.0 Create | -32.35000* | 2.29253 | .000 | -38.3541 | -26.3459 |
| | | ARNE Create | -2.12500 | 2.16719 | .761 | -7.8153 | 3.5653 |
| NASA_PD | i* 1.0 Create | iStar 2.0 Create | .00000 | 4.25697 | 1.000 | -11.1598 | 11.1598 |
| | | ARNE Create | -.37500 | 4.09106 | 1.000 | -11.1255 | 10.3755 |
| | | ALCO Create | 3.87500 | 4.27683 | .802 | -7.3557 | 15.1057 |
| | iStar 2.0 Create | i* 1.0 Create | .00000 | 4.25697 | 1.000 | -11.1598 | 11.1598 |
| | | ARNE Create | -.37500 | 3.82295 | 1.000 | -10.3867 | 9.6367 |
| | | ALCO Create | 3.87500 | 4.02113 | .770 | -6.6587 | 14.4087 |
| | ARNE Create | i* 1.0 Create | .37500 | 4.09106 | 1.000 | -10.3755 | 11.1255 |
| | | iStar 2.0 Create | .37500 | 3.82295 | 1.000 | -9.6367 | 10.3867 |
| | | ALCO Create | 4.25000 | 3.84506 | .687 | -5.8468 | 14.3468 |
| | ALCO Create | i* 1.0 Create | -3.87500 | 4.27683 | .802 | -15.1057 | 7.3557 |
| | | iStar 2.0 Create | -3.87500 | 4.02113 | .770 | -14.4087 | 6.6587 |
| | | ARNE Create | -4.25000 | 3.84506 | .687 | -14.3468 | 5.8468 |
| NASA_TD | i* 1.0 Create | iStar 2.0 Create | .10000 | 5.99664 | 1.000 | -15.6042 | 15.8042 |
| | | | | | | | |

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

| | | | | | | | |
|------------------|------------------|------------------|------------------------|---------|-------|----------|----------|
| | | ARNE Create | 16.00000 [*] | 4.85759 | .008 | 3.2055 | 28.7945 |
| | | ALCO Create | 31.75000 [*] | 4.67382 | .000 | 19.4129 | 44.0871 |
| | | iStar 2.0 Create | -1.10000 | 5.99664 | 1.000 | -15.8042 | 15.6042 |
| | | ARNE Create | 15.90000 [*] | 5.17681 | .015 | 2.3109 | 29.4891 |
| | | ALCO Create | 31.65000 [*] | 5.00478 | .000 | 18.4915 | 44.8085 |
| | | | | | | | |
| | | iStar 2.0 Create | -15.90000 [*] | 5.17681 | .015 | -29.4891 | -2.3109 |
| | | ALCO Create | 15.75000 [*] | 3.56150 | .000 | 6.3961 | 25.1039 |
| | | | | | | | |
| | | iStar 2.0 Create | -31.65000 [*] | 5.00478 | .000 | -44.8085 | -18.4915 |
| | | ARNE Create | -15.75000 [*] | 3.56150 | .000 | -25.1039 | -6.3961 |
| | | | | | | | |
| NASA_Performance | i* 1.0 Create | iStar 2.0 Create | -34.12500 [*] | 6.29832 | .000 | -50.6368 | -17.6132 |
| | | ARNE Create | -21.37500 [*] | 4.88436 | .000 | -34.1998 | -8.5502 |
| | | ALCO Create | -25.62500 [*] | 5.81936 | .000 | -40.9211 | -10.3289 |
| | iStar 2.0 Create | i* 1.0 Create | 34.12500 [*] | 6.29832 | .000 | 17.6132 | 50.6368 |
| | | ARNE Create | 12.75000 | 6.13740 | .169 | -3.3521 | 28.8521 |
| | | ALCO Create | 8.50000 | 6.90476 | .609 | -9.5823 | 26.5823 |
| | ARNE Create | i* 1.0 Create | 21.37500 [*] | 4.88436 | .000 | 8.5502 | 34.1998 |
| | | iStar 2.0 Create | -12.75000 | 6.13740 | .169 | -28.8521 | 3.3521 |
| | | ALCO Create | -4.25000 | 5.64480 | .875 | -19.1011 | 10.6011 |
| | ALCO Create | i* 1.0 Create | 25.62500 [*] | 5.81936 | .000 | 10.3289 | 40.9211 |
| | | iStar 2.0 Create | -8.50000 | 6.90476 | .609 | -26.5823 | 9.5823 |
| | | ARNE Create | 4.25000 | 5.64480 | .875 | -10.6011 | 19.1011 |
| NASA_Effort | i* 1.0 Create | iStar 2.0 Create | -1.10000 | 3.25554 | 1.000 | -8.6306 | 8.4306 |
| | | ARNE Create | 26.25000 [*] | 3.12019 | .000 | 18.0545 | 34.4455 |
| | | ALCO Create | 28.37500 [*] | 3.07694 | .000 | 20.2911 | 36.4589 |
| | iStar 2.0 Create | i* 1.0 Create | .10000 | 3.25554 | 1.000 | -8.4306 | 8.6306 |
| | | ARNE Create | 26.35000 [*] | 3.01930 | .000 | 18.4430 | 34.2570 |
| | | ALCO Create | 28.47500 [*] | 2.97459 | .000 | 20.6851 | 36.2649 |

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

| | | | | | | | |
|------------------|------------------|------------------|------------------------|---------|------|----------|----------|
| | ARNE Create | i* 1.0 Create | -26.25000 [*] | 3.12019 | .000 | -34.4455 | -18.0545 |
| | | iStar 2.0 Create | -26.35000 [*] | 3.01930 | .000 | -34.2570 | -18.4430 |
| | | ALCO Create | 2.12500 | 2.82581 | .876 | -5.2937 | 9.5437 |
| | ALCO Create | i* 1.0 Create | -28.37500 [*] | 3.07694 | .000 | -36.4589 | -20.2911 |
| | | iStar 2.0 Create | -28.47500 [*] | 2.97459 | .000 | -36.2649 | -20.6851 |
| | | ARNE Create | -2.12500 | 2.82581 | .876 | -9.5437 | 5.2937 |
| | | | | | | | |
| NASA_Frustration | i* 1.0 Create | iStar 2.0 Create | -6.55000 | 5.97063 | .692 | -22.2107 | 9.1107 |
| | | ARNE Create | 34.37500 [*] | 4.58900 | .000 | 22.3275 | 46.4225 |
| | | ALCO Create | 32.12500 [*] | 4.58341 | .000 | 20.0921 | 44.1579 |
| | iStar 2.0 Create | i* 1.0 Create | 6.55000 | 5.97063 | .692 | -9.1107 | 22.2107 |
| | | ARNE Create | 40.92500 [*] | 5.93817 | .000 | 25.3467 | 56.5033 |
| | | ALCO Create | 38.67500 [*] | 5.93385 | .000 | 23.1076 | 54.2424 |
| | ARNE Create | i* 1.0 Create | -34.37500 [*] | 4.58900 | .000 | -46.4225 | -22.3275 |
| | | iStar 2.0 Create | -40.92500 [*] | 5.93817 | .000 | -56.5033 | -25.3467 |
| | | ALCO Create | -2.25000 | 4.54103 | .960 | -14.1715 | 9.6715 |
| | ALCO Create | i* 1.0 Create | -32.12500 [*] | 4.58341 | .000 | -44.1579 | -20.0921 |
| | | iStar 2.0 Create | -38.67500 [*] | 5.93385 | .000 | -54.2424 | -23.1076 |
| | | ARNE Create | 2.25000 | 4.54103 | .960 | -9.6715 | 14.1715 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| NASA_Score | i* 1.0 Create | iStar 2.0 Create | -17.31583 [*] | 3.77259 | .000 | -27.2023 | -7.4294 |
| | | ARNE Create | 14.41667 [*] | 2.74411 | .000 | 7.1963 | 21.6371 |
| | | ALCO Create | 15.56917 [*] | 3.21770 | .000 | 7.1215 | 24.0168 |
| | iStar 2.0 Create | i* 1.0 Create | 17.31583 [*] | 3.77259 | .000 | 7.4294 | 27.2023 |
| | | ARNE Create | 31.73250 [*] | 3.43615 | .000 | 22.6976 | 40.7674 |
| | | ALCO Create | 32.88500 [*] | 3.82499 | .000 | 22.8636 | 42.9064 |
| | ARNE Create | i* 1.0 Create | -14.41667 [*] | 2.74411 | .000 | -21.6371 | -7.1963 |
| | | iStar 2.0 Create | -31.73250 [*] | 3.43615 | .000 | -40.7674 | -22.6976 |
| | | ALCO Create | 1.15250 | 2.81572 | .977 | -6.2600 | 8.5650 |
| | ALCO Create | i* 1.0 Create | -15.56917 [*] | 3.21770 | .000 | -24.0168 | -7.1215 |
| | | iStar | -32.88500 [*] | 3.82499 | .000 | -42.9064 | -22.8636 |
| | | | | | | | |

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

| | | | | | | |
|--|----------------|----------|---------|------|---------|--------|
| | 2.0 Create | | | | | |
| | ARNE Create | -1.15250 | 2.81572 | .977 | -8.5650 | 6.2600 |

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