

| Paired t test Tabular results | | |
|----------------------------------|--|------------------|
| | | |
| 1 | Table Analyzed | Motility rate |
| 2 | | |
| 3 | Column B | EXPOSED |
| 4 | vs. | vs. |
| 5 | Column A | CTRL |
| 6 | | |
| 7 | Paired t test | |
| 8 | P value | 0.0004 |
| 9 | P value summary | *** |
| 10 | Significantly different (P < 0.01)? | Yes |
| 11 | One- or two-tailed P value? | Two-tailed |
| 12 | t, df | t=10.88, df=4 |
| 13 | Number of pairs | 5 |
| 14 | | |
| 15 | How big is the difference? | |
| 16 | Mean of differences (B - A) | -63.82 |
| 17 | SD of differences | 13.12 |
| 18 | SEM of differences | 5.867 |
| 19 | 99% confidence interval | -90.83 to -36.81 |
| 20 | R squared (partial eta squared) | 0.9673 |
| 21 | | |
| 22 | How effective was the pairing? | |
| 23 | Correlation coefficient (r) | 0.9455 |
| 24 | P value (one tailed) | 0.0076 |
| 25 | P value summary | ** |
| 26 | Was the pairing significantly effective? | Yes |