

# P1 Analysis

| Congruent | Incongruent | Difference (d) | (d - dAvg)^2  |  |           | congruent    | incongruent | Difference  |
|-----------|-------------|----------------|---------------|--|-----------|--------------|-------------|-------------|
| 12.079    | 19.278      | 7.199          | 0.5864368767  |  | mean      | 14.051125    | 22.01591667 | 7.964791667 |
| 16.791    | 18.741      | 1.95           | 36.17771879   |  | stdev     | 3.559357958  | 4.797057122 | 4.86482691  |
| 9.564     | 21.214      | 11.65          | 13.58076046   |  | n         | 24           | 24          | 24          |
| 8.63      | 15.687      | 7.057          | 0.8240857101  |  | df        | 23           | 23          | 23          |
| 14.669    | 22.803      | 8.134          | 0.02863146007 |  | ss        |              |             | 544.33044   |
| 12.238    | 20.878      | 8.64           | 0.4559062934  |  |           |              |             |             |
| 14.692    | 24.572      | 9.88           | 3.66802296    |  |           |              |             |             |
| 8.987     | 17.394      | 8.407          | 0.1955482101  |  |           |              |             |             |
| 9.401     | 20.762      | 11.361         | 11.53423104   |  |           |              |             |             |
| 14.48     | 26.282      | 11.802         | 14.72416779   |  | a         | 0.05         |             |             |
| 22.328    | 24.524      | 2.196          | 33.27895729   |  | p         | <0.01        |             |             |
| 15.298    | 18.644      | 3.346          | 21.33323646   |  |           |              |             |             |
| 15.073    | 17.51       | 2.437          | 30.55648071   |  | S         | 4.86482691   |             |             |
| 16.929    | 20.33       | 3.401          | 20.82819438   |  | SEM       | 0.9930286348 |             |             |
| 18.2      | 35.255      | 17.055         | 82.63188754   |  | t         | 8.020706944  |             |             |
| 12.13     | 22.158      | 10.028         | 4.256828627   |  | t crit    | 2.009        |             |             |
| 18.495    | 25.139      | 6.644          | 1.744490627   |  |           |              |             |             |
| 10.639    | 20.429      | 9.79           | 3.33138546    |  | cohen's d | 1.637219949  |             |             |
| 11.344    | 17.425      | 6.081          | 3.548671043   |  |           |              |             |             |
| 12.369    | 34.288      | 21.919         | 194.7199302   |  | CI d high | 9.959786194  |             |             |
| 12.944    | 23.894      | 10.95          | 8.911468793   |  | CI d low  | 5.969797139  |             |             |
| 14.233    | 17.96       | 3.727          | 17.95887821   |  |           |              |             |             |
| 19.71     | 22.058      | 2.348          | 31.54834863   |  |           |              |             |             |
| 16.004    | 21.157      | 5.153          | 7.906172377   |  |           |              |             |             |