**BAIN ANOVA**

| **Hypothesis Legend** | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Abbreviation** | | | | | **Hypothesis** | | | | | | | | | |
| H1 | | | |  | SexBeh.1 = SexBeh.2 = SexBeh.3 = SexBeh.4 | | | | | | | | |  |
|  | | | | | | | | | | | | | | |
| **Descriptive Statistics** | | | | | | | | | | | | | |
|  | | | | | | | | | | **95% Credible Interval** | | | |
| **Level** | | **N** | | **Mean** | | **SD** | | **SE** | | **Lower** | | **Upper** | |
| 1 |  | 582 |  | 39.50 |  | 8.552 |  | 0.354 |  | 39.50 |  | 39.51 |  |
| 2 |  | 11 |  | 46.00 |  | 10.354 |  | 3.122 |  | 45.96 |  | 46.04 |  |
| 3 |  | 20 |  | 42.85 |  | 10.609 |  | 2.372 |  | 42.82 |  | 42.88 |  |
| 4 |  | 143 |  | 42.67 |  | 10.043 |  | 0.840 |  | 42.66 |  | 42.68 |  |
|  | | | | | | | | | | | | | |

| **Bain ANOVA** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **BF.c** | | **PMP a** | | **PMP b** | |
| H1 |  | 0.015 |  | 1.000 |  | 0.014 |  |
| Hu |  |  |  |  |  | 0.986 |  |
|  | | | | | | | |
| *Note.*  BF.c denotes the Bayes factor of the hypothesis in the row versus its complement. Posterior model probabilities (a: excluding the unconstrained hypothesis, b: including the unconstrained hypothesis) are based on equal prior model probabilities. | | | | | | | |

**JASP ANOVA**

| **Model Comparison** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Models** | | **P(M)** | | **P(M|data)** | | **BF M** | | **BF 10** | | **error %** | |
| SexBeh |  | 0.500 |  | 0.996 |  | 280.213 |  | 1.000 |  |  |  |
| Null model |  | 0.500 |  | 0.004 |  | 0.004 |  | 0.004 |  | 7.186e -4 |  |
|  | | | | | | | | | | | |