**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  |  |
|  |