**ANOVA**

| **Hypothesis Legend**  |
| --- |
| **Abbreviation**  | **Hypothesis**  |
| H1  |  | SexBeh.1=SexBeh.2=SexBeh.3=SexBeh.4  |  |
| H2  |  | SexBeh.1>(SexBeh.2, SexBeh.3, SexBeh.4)  |  |
| H3  |  | SexBeh.2<(SexBeh.1, 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  |  | 0.291  |  | 0.014  |  |
| H2  |  | 3.414e -7  |  | 9.164e -6  |  | 4.364e -7  |  |
| H3  |  | 0.027  |  | 0.709  |  | 0.034  |  |
| Hu  |  |  |  |  |  | 0.952  |  |
|  |
| *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.  |
|  |
| **Bayes Factor Matrix**  |
|  | **H1**  | **H2**  | **H3**  |
| H1  |  | 1.000  |  | 31735.222  |  | 0.410  |  |
| H2  |  | 3.151e -5  |  | 1.000  |  | 1.292e -5  |  |
| H3  |  | 2.439  |  | 77390.232  |  | 1.000  |  |
|  |