**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 |  |
|  | | | | | | | |