**Table S2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Fixed Terms** | **Parameter Estimate** | **SE** | **DF** | **F** | **P** |
| Male SAA | 3.56 | 0.04 | 1, 168 | 0.69 | 0.4063 |
|  Control | 3.64 | 0.04 |  |  |  |
| Female SAA | 3.13 a | 0.07 | 2, 168 | 55.4 | **<0.0001** |
|  Het | 3.82 b | 0.06 |  |  |  |
|  Control | 3.85 b | 0.06 |  |  |  |
| Male\*Female SAA\*SAA | 3.74 | 0.07 | 2, 168 | 5.27 | 0.0717 |
|  SAA\*Het | 3.55 | 0.06 |  |  |  |
|  SAA\*Control | 3.49 | 0.06 |  |  |  |
|  Control\*SAA | 3.44 | 0.07 |  |  |  |
|  Control\*Het | 3.64 | 0.06 |  |  |  |
|  Control\*Control | 3.70 | 0.06 |  |  |  |
| Note: GLM fitted with a Poisson error distribution and correction for overdispersion. Significant values are shown in bold. a,b denotes significant LS Means differences between levels. |