**Table S1**

Number of *dubia* roaches tested in Experiment 1 as a function of sex and trial. Three *dubia* roaches died during the study and so were removed from analyses (see text for details). In Experiment 1, each animal was tested six times under the same condition for a total of 558 observations (93 roaches x 6 trials).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Sex | Trial | | | | | |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 |
| Experiment 1 | Female | 46 | 46 | 46 | 46 | 46 | 46 |
|  | Male | 47 | 47 | 47 | 47 | 47 | 47 |