**Table S2:** Correlations between the first head movement, the first leg movement, the number of inductions and the total duration of tonic immobility (turn) within each breed. The sample size (N), the correlation coefficient (r) and the significance level (p) are given.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **First Head Movement - Turn** | **First Leg Movement - Turn** | **Number of inductions - Turn** |
| **Breed** | N | r | p | N | r | p | N | r | p |
| Bantam Silkie | 6 | 0.943 | 0.005 | 7 | 0.964 | < 0.001 | 7 | 0.359 | 0.430 |
| Bergische Long Crower | 9 | 0.945 | < 0.001 | 9 | 0.945 | < 0.001 | 9 | -0.429 | 0.249 |
| Bergische Schlotterkämm | 17 | 0.663 | 0.004 | 17 | 0.526 | 0.030 | 17 | 0.358 | 0.158 |
| Breda | 8 | 0.994 | < 0.001 | 8 | 1 | \*\* | 8 | -0.415 | 0.307 |
| Cobb 500 | 5 | 1 | < 0.001 | 5 | 1 | < 0.001 | 5 | \* | \* |
| Cochin | 12 | 0.818 | 0.001 | 12 | 0.832 | < 0.001 | 12 | 0.218 | 0.495 |
| East Frisian Gull | 6 | 0.274 | 0.599 | 6 | 0.920 | 0.009 | 6 | -0.845 | 0.034 |
| German Creeper | 10 | 0.982 | < 0.001 | 10 | 1 | \*\* | 10 | \* | \* |
| German Empire Breed | 10 | 0.867 | 0.001 | 10 | 0.955 | < 0.001 | 10 | 0.725 | 0.018 |
| Japanese bantam | 16 | 0.846 | < 0.001 | 16 | 0.893 | < 0.001 | 16 | -0.224 | 0.404 |
| Leghorn | 6 | 0.600 | 0.208 | 6 | 0.429 | 0.397 | 6 | -0.169 | 0.749 |
| Lohmann Brown | 10 | 0.395 | 0.258 | 10 | 0.665 | 0.036 | 10 | -0.174 | 0.631 |
| Lohmann Dual | 7 | 0.296 | 0.518 | 7 | 0.786 | 0.036 | 7 | 0.00 | 1.00 |
| LSL | 16 | 0.439 | 0.089 | 16 | 0.602 | 0.014 | 16 | 0.147 | 0.587 |
| Marans | 5 | 1 | \*\* | 5 | 1 | \*\* | 5 | 0.00 | 1.00 |
| Ohiki | 9 | 0.344 | 0.365 | 9 | 0.335 | 0.379 | 9 | 0.391 | 0.298 |
| Poland | 13 | 0.836 | < 0.001 | 13 | 0.972 | < 0.001 | 13 | -0.241 | 0.427 |
| Rosecomb bantam | 6 | -0.232 | 0.658 | 6 | 1 | \*\* | 6 | -0.926 | 0.008 |
| Yokohama | 6 | 0.985 | < 0.001 | 6 | 1 | < 0.001 | 6 | \* | \* |

\* cannot be calculated because at least one of the variables is constant

\*\* The correlation is significant at the 0.01 level (two-sided).