**Table S4:** 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 and each repetition. The sample size (N), the correlation coefficient (r) and the significance level (p) are given.

|  |  |  |  |
| --- | --- | --- | --- |
| **Within 1st repetition** | **First Head Movement - Turn** | **First Leg Movement - Turn** | **Number of inductions - Turn** |
| **Breed** | N | r | p | N | r | p | N | r | p |
| Bantam Silkie | 7 | 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 | 5 | 1 | \*\* | 5 | 1 | \*\* | 5 | \* | \* |
| Breda | 6 | 1 | \*\* | 6 | 1 | \*\* | 6 | -0.664 | 0.150 |
| Cobb 500 | 5 | 1 | \*\* | 5 | 1 | \*\* | 5 | \* | \* |
| Cochin | 11 | 0.764 | 0.006 | 11 | 0.782 | 0.004 | 11 | 0.300 | 0.370 |
| East Frisian Gull | 6 | 0.086 | 0.872 | 6 | 0.943 | 0.005 | 6 | -0.845 | 0.034 |
| German Creeper | 10 | 0.982 | < 0.001 | 10 | 1 | \*\* | 10 | \* | \* |
| Japanese bantam | 14 | 0.845 | < 0.001 | 14 | 0.907 | < 0.001 | 14 | 0.000 | 1.000 |
| Leghorn | 6 | 0.600 | 0.208 | 6 | 0.429 | 0.397 | 6 | -0.169 | 0.749 |
| LSL | 6 | 0.429 | 0.397 | 6 | 0.943 | 0.005 | 6 | 0.338 | 0.512 |
| Marans | 5 | 1 | \*\* | 5 | 1 | \*\* | 5 | 0.000 | 1.00 |
| Ohiki | 9 | 0.400 | 0.286 | 9 | 0.417 | 0.265 | 9 | 0.374 | 0.321 |
| Poland | 13 | 0.836 | < 0.001 | 13 | 0.972 | < 0.001 | 13 | -0.241 | 0.427 |
| Yokohama | 5 | 1 | \*\* | 5 | 1 | \*\* | 5 | \* | \* |

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

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Within 2nd repetition** | **First Head Movement - Turn** | **First Leg Movement - Turn** | **Number of inductions - Turn** |
| **Breed** | N | r | p | N | r | p | N | r | p |
| Bantam Silkie | 7 | 0.900 | 0.037 | 7 | 0.964 | < 0.001 | 7 | -0.668 | 0.101 |
| Bergische Long Crower | 9 | 0.957 | < 0.001 | 9 | 1 | \*\* | 9 | -0.620 | 0.075 |
| Bergische Schlotterkämm | 5 | 0.600 | 0.285 | 5 | 1 | \*\* | 5 | \* | \* |
| Breda | 6 | 1 | \*\* | 6 | 1 | \*\* | 6 | -0.393 | 0.441 |
| Cobb 500 | 5 | 1 | \*\* | 5 | 1 | \*\* | 5 | \* | \* |
| Cochin | 11 | 0.798 | 0.010 | 11 | 0.808 | 0.003 | 11 | 0.284 | 0.398 |
| East Frisian Gull | 6 | 0.086 | 0.872 | 6 | 0.200 | 0.704 | 6 | \* | \* |
| German Creeper | 10 | 1 | \*\* | 10 | 1 | \*\* | 10 | \* | \* |
| Japanese bantam | 14 | 0.837 | < 0.001 | 14 | 0.262 |  0.366 | 14 | -0.284 | 0.324 |
| Leghorn | 6 | 0.657 | 0.156 | 6 | 0.257 | 0.623 | 6 | 0.123 | 0.816 |
| LSL | 6 | 0.943 | 0.005 | 6 | 1 | \*\* | 6 | 0.507 | 0.305 |
| Marans | 5 | 0.895 | 0.040 | 5 | 1 | \*\* | 5 | 0.000 | 1.000 |
| Ohiki | 9 | 0.733 | 0.286 | 9 | 0.833 | 0.005 | 9 | -0.256 | 0.507 |
| Poland | 13 | 0.836 | 0.025 | 13 | 0.983 | < 0.001 | 13 | -0.093 | 0.762 |
| Yokohama | 5 | 0.900 | < 0.001 | 5 | 0.900 | 0.037 | 5 | 0.000 | 1.000 |

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

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Within 3rd repetition** | **First Head Movement - Turn** | **First Leg Movement - Turn** | **Number of inductions - Turn** |
| **Breed** | N | r | p | N | r | p | N | r | p |
| Bantam Silkie | 7 | 0.964 | < 0.001 | 7 | 0.771 | 0.072 | 7 | \* | \* |
| Bergische Long Crower | 9 | 1 | \*\* | 9 | 1 | \*\* | 9 | -0.050 | 0.898 |
| Bergische Schlotterkämm | 5 | 0.579 | 0.306 | 5 | 1 | \*\* | 5 | 0.000 | 1.000 |
| Breda | 6 | 0.941 | 0.005 | 6 | 0.941 | 0.005 | 6 | -0.399 | 0.434 |
| Cobb 500 | 5 | \* | \* | 5 | \* | \* | 5 | \* | \* |
| Cochin | 11 | 0.879 | < 0.001 | 11 | 0.900 | < 0.001 | 11 | -0.224 | 0.509 |
| East Frisian Gull | 6 | 0.371 | 0.468 | 6 | 0.943 | 0.005 | 6 | -0.655 | 0.158 |
| German Creeper | 10 | 1 | \*\* | 10 | 0.976 | < 0.001 | 10 | \* | \* |
| Japanese bantam | 14 | 0.793 | < 0.001 | 14 | 0.945 | < 0.001 | 14 | 0.106 | 0.720 |
| Leghorn | 6 | 0.143 | 0.787 | 6 | -0.029 | 0.957 | 6 | -0.845 | 0.034 |
| LSL | 6 | 0.771 | 0.072 | 6 | 1 | \*\* | 6 | \* | \* |
| Marans | 5 | 1 | \*\* | 5 | 1 | \*\* | 5 | -0.707 | 0.182 |
| Ohiki | 9 | 0.833 | 0.010 | 9 | 0.917 | < 0.001 | 9 | -0.154 | 0.693 |
| Poland | 13 | 0.780 | 0.003 | 13 | 0.761 | 0.003 | 13 | -0.127 | 0.680 |
| Yokohama | 5 | 1 | \*\* | 5 | 1 | \*\* | 5 | -0.707 | 0.182 |

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

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