**Supplementary Table S2.** Estimated parameters for each model in the study of the biological growth curve for both sexes of white variety of Utrerana poultry breed.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | Sex | *a* (s.e.) | *k* (s.e.) | *b*/*m* (s.e.) | Pseudo-R2 | MSE | AIC | BIC | ICO Rank |
| Brody | F | 1980.85 (17.30) | 0.008 (0.000) | 1.080 (0.007) | 0.926 | 39687.45 | 10242.36 | 10256.98 | 1.00 |
| M | 3093.69 (80.77) | 0.006 (0.000) | 1.064 (0.006) | 0.905 | 46143.16 | 8132.80 | 8146.69 | 1.00 |
| Von Bertalanffy | F | 1894.83 (11.83) | 0.016 (0.000) | 0.904 (0.020) | 0.951 | 26189.26 | 9840.39 | 9855.01 | 3.00 |
| M | 2572.00 (32.35) | 0.015 (0.000) | 0.927 (0.016) | 0.959 | 19911.16 | 7496.56 | 7510.45 | 2.75 |
| Verhulst | F | 1851.15 (11.52) | 0.032 (0.001) | 20.277 (1.090) | 0.950 | 26621.83 | 9856.23 | 9870.85 | 2.00 |
| M | 2293.84 (22.09) | 0.034 (0.001) | 24.315 (1.054) | 0.959 | 20062.97 | 7502.31 | 7516.20 | 2.00 |
| Logistic | F | 1874.24 (11.12) | 0.022 (0.000) | 5.525 (0.138) | 0.953 | 25213.26 | 9803.69 | 9818.28 | 4.75 |
| M | 2442.99 (25.92) | 0.021 (0.000) | 5.864 (0.110) | 0.963 | 18097.62 | 7424.27 | 7438.16 | 4.75 |
| Gompertz | F | 1880.95 (11.30) | 0.019 (0.000) | 4.250 (0.118) | 0.953 | 25291.17 | 9806.65 | 9821.27 | 4.00 |
| M | 2484.54 (27.81) | 0.019 (0.000) | 4.498 (0.095) | 0.962 | 18275.05 | 7431.66 | 7445.54 | 3.75 |

F: female; M: male; s.e,: standard error; Pseudo-R2: non-linear determinative coefficient; MSE: mean square error; AIC: Akaike information criterion; BIC: Bayesian information criterion; ICO: combined selection index.