|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Age (d) | Females | | Males | |
| Von Bertalanffy (g) | Observed (g) | Von Bertalanffy (g) | Observed (g) |
| 0 | 20.49 | 46.25 ± 3.94 | 9.29 | 46.10 ± 4.13 |
| 7 | 48.45 | 49.57 ± 9.14 | 33.25 | 50.99 ± 13.09 |
| 14 | 89.28 | 86.09 ± 21.74 | 75.18 | 86.93 ± 25.81 |
| 21 | 141.95 | 145.45 ± 35.17 | 134.82 | 146.18 ± 43.06 |
| 28 | 204.73 | 199.83 ± 57.82 | 210.27 | 212.01 ± 70.65 |
| 42 | 352.56 | 328.33 ± 81.64 | 397.53 | 362.05 ± 78.92 |
| 56 | 517.13 | 528.16 ± 142.15 | 613.89 | 623.33 ± 127.26 |
| 70 | 685.54 | 722.25 ± 147.39 | 839.30 | 963.33 ± 150.32 |
| 84 | 848.60 | 840.50 ± 177.74 | 1059.26 | 1038.33 ± 165.10 |
| 112 | 1138.15 | 1285.50 ± 195.18 | 1450.25 | 1622.14 ± 172.98 |
| 140 | 1367.01 | 1376.00 ± 178.49 | 1756.86 | 1723.75 ± 134.44 |
| 168 | 1537.80 | 1575.00 ± 178.03 | 1982.63 | 1797.50 ± 162.86 |
| 196 | 1660.87 | 1618.33 ± 285.30 | 2142.75 | 2132.50 ± 204.76 |
| 224 | 1747.63 | 1760.33 ± 297.50 | 2253.70 | 2167.50 ± 247.42 |
| 252 | 1807.91 | 1835.00 ± 283.77 | 2329.45 | 2190.00 ± 311.75 |
| 280 | 1849.41 | 1900.00 ± 300.71 | 2380.67 | 2290.00 ± 311.75 |
| 308 | 1877.80 | 1975.00 ± 301.47 | 2415.10 | 2415.00 ± 378.28 |
| 336 | 1897.14 | 2052.50 ± 301.78 | 2438.14 | 2496.00 ± 378.59 |

**Supplementary Table S9.** Comparison betweenestimated weights for the best fitting model and observed weights for both sexes of partridge variety of Utrerana poultry breed.