**Table S4. Model comparisons for number of juveniles fledged per female per season.** Random effect is female ID. AICc is the corrected Akaike’s Information Criterion, ΔAICc*i* is the difference in AICc between model *i* and the best model and *w*AICc*i* is the AICc weight of the model. Interactions are indicated by x and include all lower order terms as well (e.g. trt x HD represents trt + HD + trt x HD).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Fixed effects** | **K** | **AICc** | **ΔAICci** | **wAICci** | **Log-likelihood** |
| none | 2 | 353.550 | 0.000 | 0.326 | -174.702 |
| trt | 3 | 354.553 | 1.003 | 0.197 | -174.128 |
| yr | 4 | 355.549 | 1.999 | 0.120 | -173.525 |
| HD | 3 | 355.670 | 2.119 | 0.113 | -174.687 |
| trt, HD | 4 | 356.757 | 3.206 | 0.066 | -174.128 |
| trt, yr | 5 | 357.025 | 3.475 | 0.057 | -173.133 |
| HD, yr | 5 | 357.595 | 4.044 | 0.043 | -173.418 |
| trt x HD | 5 | 358.326 | 4.775 | 0.030 | -173.783 |
| trt, HD, yr | 6 | 359.250 | 5.700 | 0.019 | -173.087 |
| trt x yr | 7 | 359.644 | 6.094 | 0.015 | -172.095 |
| trt x HD, yr | 7 | 361.060 | 7.510 | 0.008 | -172.803 |
| trt x yr, HD | 8 | 361.954 | 8.403 | 0.005 | -172.029 |
| trt x HD, trt x yr | 9 | 364.265 | 10.715 | 0.002 | -171.933 |

Fixed effects: trt: treatment (fed or control), yr: year, HD: hatching date of first brood, none: intercept-only model.