| Explanatory variables | | | | Interactions | | Model selection metrics | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Known breeding stage | Month | Sex | Time period | Known breeding stage : Time period | Month : Time period | df | logLik | AICc | delta |
| + | + |  | + | + | + | 33 | -12,893.79 | 25,853.67 | 0.00 |
| + | + | + | + | + | + | 35 | -12,893.70 | 25,857.50 | 3.84 |
| + | + |  | + |  | + | 29 | -12,901.62 | 25,861.32 | 7.65 |
| + | + | + | + |  | + | 31 | -12,901.54 | 25,865.16 | 11.49 |
|  | + |  | + |  | + | 25 | -12,933.43 | 25,916.91 | 63.24 |
|  | + | + | + |  | + | 27 | -12,933.30 | 25,920.66 | 66.99 |
| + | + |  | + | + |  | 22 | -12,989.39 | 26,022.83 | 169.16 |
| + | + | + | + | + |  | 24 | -12,989.29 | 26,026.64 | 172.97 |
| + | + |  | + |  |  | 18 | -13,009.44 | 26,054.91 | 201.24 |
| + | + | + | + |  |  | 20 | -13,009.35 | 26,058.73 | 205.06 |
|  | + |  | + |  |  | 14 | -13,043.87 | 26,115.76 | 262.10 |
|  | + | + | + |  |  | 16 | -13,043.73 | 26,119.49 | 265.83 |
| + |  |  | + | + |  | 11 | -13,093.78 | 26,209.58 | 355.91 |
| + |  | + | + | + |  | 13 | -13,093.66 | 26,213.33 | 359.67 |
| + |  |  | + |  |  | 7 | -13,112.82 | 26,239.64 | 385.98 |
| + |  | + | + |  |  | 9 | -13,112.70 | 26,243.41 | 389.74 |
|  |  |  | + |  |  | 3 | -13,147.42 | 26,300.83 | 447.17 |
|  |  | + | + |  |  | 5 | -13,147.25 | 26,304.49 | 450.83 |
| + | + |  |  |  |  | 17 | -16,779.91 | 33,593.85 | 7,740.18 |
| + | + | + |  |  |  | 19 | -16,779.81 | 33,597.66 | 7,743.99 |
|  | + |  |  |  |  | 13 | -16,802.99 | 33,632.00 | 7,778.34 |
|  | + | + |  |  |  | 15 | -16,802.85 | 33,635.72 | 7,782.05 |
| + |  |  |  |  |  | 6 | -16,853.65 | 33,719.30 | 7,865.63 |
| + |  | + |  |  |  | 8 | -16,853.53 | 33,723.06 | 7,869.40 |
|  |  |  |  |  |  | 2 | -16,876.79 | 33,757.58 | 7,903.92 |
|  |  | + |  |  |  | 4 | -16,876.62 | 33,761.23 | 7,907.57 |