| 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 | -12,725.06 | 25,516.21 | 0.00 |
| + | + | + | + | + | + | 35 | -12,724.97 | 25,520.05 | 3.84 |
| + | + |  | + |  | + | 29 | -12,732.74 | 25,523.54 | 7.34 |
| + | + | + | + |  | + | 31 | -12,732.66 | 25,527.39 | 11.18 |
|  | + |  | + |  | + | 25 | -12,764.89 | 25,579.84 | 63.63 |
|  | + | + | + |  | + | 27 | -12,764.76 | 25,583.59 | 67.38 |
| + | + |  | + | + |  | 22 | -12,823.15 | 25,690.35 | 174.14 |
| + | + | + | + | + |  | 24 | -12,823.06 | 25,694.16 | 177.96 |
| + | + |  | + |  |  | 18 | -12,842.92 | 25,721.86 | 205.65 |
| + | + | + | + |  |  | 20 | -12,842.83 | 25,725.69 | 209.48 |
|  | + |  | + |  |  | 14 | -12,877.66 | 25,783.33 | 267.13 |
|  | + | + | + |  |  | 16 | -12,877.52 | 25,787.06 | 270.85 |
| + |  |  | + | + |  | 11 | -12,926.85 | 25,875.71 | 359.50 |
| + |  | + | + | + |  | 13 | -12,926.72 | 25,879.46 | 363.25 |
| + |  |  | + |  |  | 7 | -12,945.73 | 25,905.46 | 389.25 |
| + |  | + | + |  |  | 9 | -12,945.61 | 25,909.23 | 393.02 |
|  |  |  | + |  |  | 3 | -12,980.51 | 25,967.01 | 450.81 |
|  |  | + | + |  |  | 5 | -12,980.33 | 25,970.66 | 454.45 |
| + | + |  |  |  |  | 17 | -16,556.59 | 33,147.21 | 7,631.01 |
| + | + | + |  |  |  | 19 | -16,556.50 | 33,151.03 | 7,634.82 |
|  | + |  |  |  |  | 13 | -16,580.48 | 33,186.97 | 7,670.77 |
|  | + | + |  |  |  | 15 | -16,580.33 | 33,190.68 | 7,674.47 |
| + |  |  |  |  |  | 6 | -16,628.71 | 33,269.42 | 7,753.21 |
| + |  | + |  |  |  | 8 | -16,628.58 | 33,273.18 | 7,756.97 |
|  |  |  |  |  |  | 2 | -16,653.05 | 33,310.10 | 7,793.89 |
|  |  | + |  |  |  | 4 | -16,652.86 | 33,313.73 | 7,797.52 |