**Table S1.** Model-averaged estimate, 95% confidence intervals (CI) and relative importance for fixed effects in the top model set explaining variation in age at first successful reproduction among perfectly resighted Greenland white-fronted geese 1983-2003 (i.e., including only birds seen in every year of their capture history before either death or permanent emigration).

|  |  |  |  |
| --- | --- | --- | --- |
| Fixed effects | Estimate | 95% CI | Relative importance |
| (Intercept) | 0.00 | 0.00 | - |
| BCI1 | -0.23 | -0.38, -0.08 | 2.74 |
| BY M NAO2 | -0.03 | -0.24, 0.12 | 0.44 |
| HY M NAO\*BY M NAO | 0.03 | -0.01, 0.31 | 0.45 |
| BCI\*BY M NAO | -0.03 | -0.28, 0.05 | 0.43 |
| BY D NAO3 | 0.02 | -0.08, 0.21 | 0.38 |
| BCI\*HY M NAO | -0.001 | -0.16, 0.11 | 0.07 |
| HY M NAO4 | -0.001 | -0.17, 0.17 | 0.02 |

1Breeding conditions index (BCI)

2Breeding year (BY) May NAO

3December NAO prior to successful reproduction

4Hatch year (HY) May NAO