

### Appendix 3. Survival candidate models.

Table. A3.1. Candidate models describing survival probability of juvenile (Juv) and adult Canada geese banded on Akimiski Island, NU, 1993 to 2010, using the Brownie et al. (1985) parameterization and ranked by Akaike's Information Criterion corrected for small sample sizes ( $AIC_c$ ). Recovery probability was the same for all models (age groups with independent annual estimates).

Survival Model Parameterization	$AIC_c$	$\Delta AIC_c$	NP <sup>1</sup>
Juv: year, Adult: year (age groups independent)	56010.6	0.00	74
Juv: year, Adult: constant	56019.6	9.02	57
Juv: size, Adult: constant	56253.7	243.06	41
Juv: trend, Adult: constant	56376.9	366.27	41
Juv: constant, Adult: constant	56492.9	482.36	40

<sup>1</sup> Number of estimated parameters