

Supplementary material

Appendix 1.

Table A1. Generalized linear mixed model with a binomial distribution and log link function for Magellanic penguin nestling survive. The significance of hatching asynchrony–HA (0, 2 and 4 days), year (2010, 2011 and 2012) and hatching order–HO (1st and 2nd) were tested. After Bonferroni correction for multiple comparisons p level is established in 0.0003.

Variable	χ^2	p
Year	26.3	< 0.0001
HO	19.245	< 0.0001
HA × HO	14.5	0.0007
HA × Year × HO	10.9	0.03
Year × HO	5.64	0.06
HA × Year	4.37	0.36
HA	0.0176	0.9912