

Kulaszewicz, I., Wojczulanis-Jakubas, K. and Jakubas, D. 2018. Incubation more costly than chick rearing in terms of the oxidative stress in a small High Arctic seabird, the little auk. – Journal of Avian Biology 2018: e01702

Appendix 1

Table A1. The rank of the best linear models for the second set of immunological factors (Hetero, Lympho, Leuco – number of heterophils, lymphocytes and leucocytes per 10 000 erythrocytes) affecting oxidative stress (OS), reactive oxygen metabolites (ROMs), total antioxidant barrier (OXY) based on Akaike's information criterion corrected for small sample size (AIC_c); Full model bolded, predictors in the best candidate models italicized.

Models	df	AIC _c	ΔAIC _c	Akaike's weights (w)	Wald test p
full, best candidate					
Incubation (late)					
OS ~ Sex + Hetero + Lympho + Leuco					
<i>Lymph + Leuco</i>	44	709.4	0.0	0.28	<0.001
ROMs ~ Sex + Hetero + Lympho + Leuco					
<i>Lymph + Leuco</i>	44	654.2	0.0	0.25	<0.001
OXY ~ Sex + Hetero + Lympho + Leuco					
<i>Lymph + Leuco</i>	44	618.9	0.0	0.36	<0.001
Chick rearing (mid and late phases combined)					
OS ~ Sex + Hetero + Lympho + Leuco					
<i>Lymph + Leuco</i>	44	578.9	0.0	0.29	<0.001
ROMs ~ Sex + Hetero + Lympho + Leuco					
<i>Lymph + Leuco</i>	44	423.6	0.0	0.24	<0.001
OXY ~ Sex + Hetero + Lympho + Leuco					
<i>Lymph + Leuco</i>	44	552.3	0.0	0.31	<0.001