Appendix 1

Fig. A1. The relationship between nest-box temperature ($T_{box}$) and nest temperature ($T_n$) in a subset of nest-boxes during the breeding season of 2012. These nest-boxes served as controls in an experiment on the effects of brood size on the development of endothermy in blue tit nestlings (Andreasson et al. 2016). $T_{box}$ was measured with iButtons (DS1922-L; accuracy 0.5 °C) fixed to the wall of the nest-box 5 cm from the nest-box roof and $T_n$ was measured in the nest cup as in the present study. Every data point represents means from 13:00 to 14:00 (GMT+2) on nestling days 4 to 9 (based on measurements in 10 nest-boxes with 11 nestlings each). The regression line ($±$ SE, shaded area) was derived from estimates from a linear mixed model with $T_{box}$ as the dependent variable, $T_n$ as a covariate, and nest-box and nestling age as random factors ($F_{1,47.7} = 9.2, p < 0.01$).

References