**Figure Legends**

**Figure 3** Telomere length and age in juvenile Seychelles warblers. Points and error bars represent mean and 95% confidence intervals, respectively.

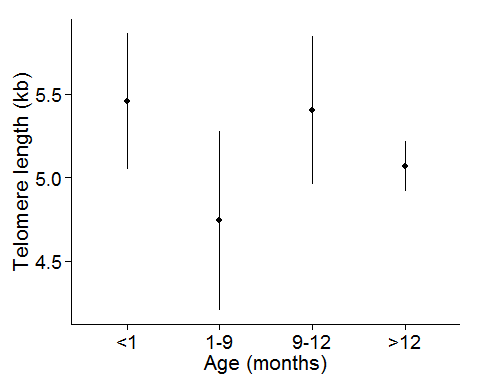
**Figure 2** Factors affecting telomere length in Seychelles warbler chicks. **A** Model averaged estimates and 95% confidence intervals (points and error bars, respectively) for all explanatory terms used in a linear model with juvenile telomere length as the response variable. Numbers in brackets are the relative importance of each term in the top model set (see main text for details; Food av. = annual food availability, TQ = territory quality). **B** Presence/absence of helpers and **C** body mass in relation to raw telomere length. Points and error bars in **B** are mean 95% confidence interval telomere lengths for each group, and the line and shaded areas from **C** represent fitted values and 95% confidence limits from a linear regression.

**Figure 3** Factors affecting telomere length in juvenile Seychelles warblers. **A** Model averaged estimates and 95% confidence intervals (points and error bars, respectively) for all explanatory terms used in a linear model with juvenile telomere length as the response variable. Numbers in brackets are the relative importance of each term in the top model set (see main text for details; Food av. = annual food availability, TQ = territory quality). **B** Raw telomere length in relation to annual food availability Points and error bars in **B** are mean 95% confidence interval telomere lengths for each year (means are used for plotting purposes only), and the line and shaded areas represent fitted values and 95% confidence limits from a linear regression.

**Figure 4** Juvenile telomere length and survival in chick (**A,B**) and juvenile (**C,D**) Seychelles warblers. **A,C** Model averaged estimates and 95% confidence intervals (points and error bars, respectively) for all explanatory terms used in a parametric survival model (see main text for details). Food av = annual food availability, Tel. length = telomere length. **B,D** Kaplan-Meier curves showing the relationship between telomere length and survival. Telomere length was modelled as a covariate, but is binned into groups here for visualisation purposes (long and short = greater than or less than median telomere length, repectively).

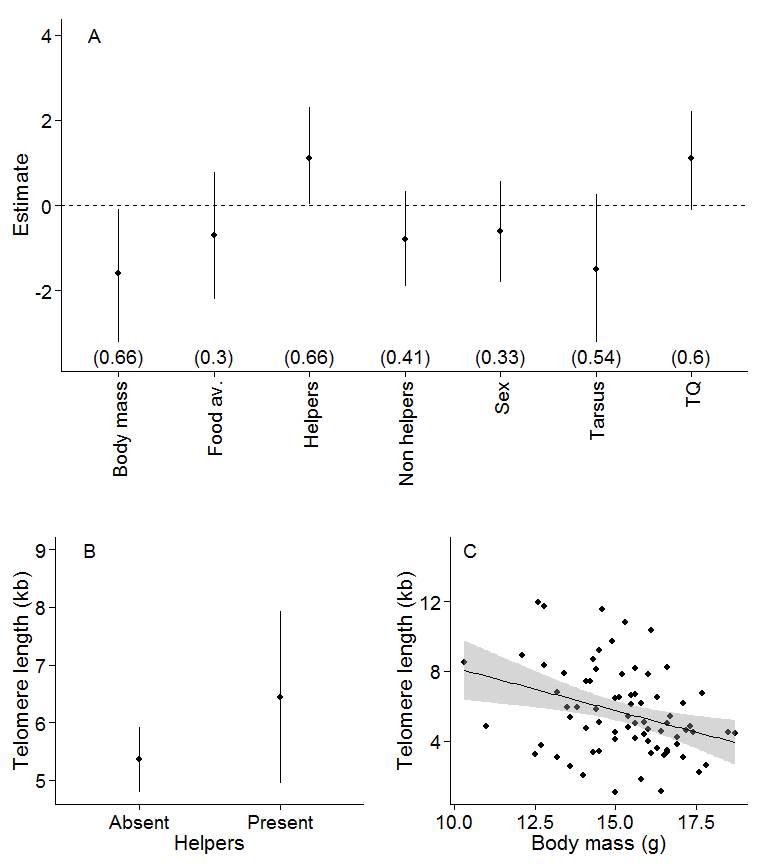
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**Figure 1**



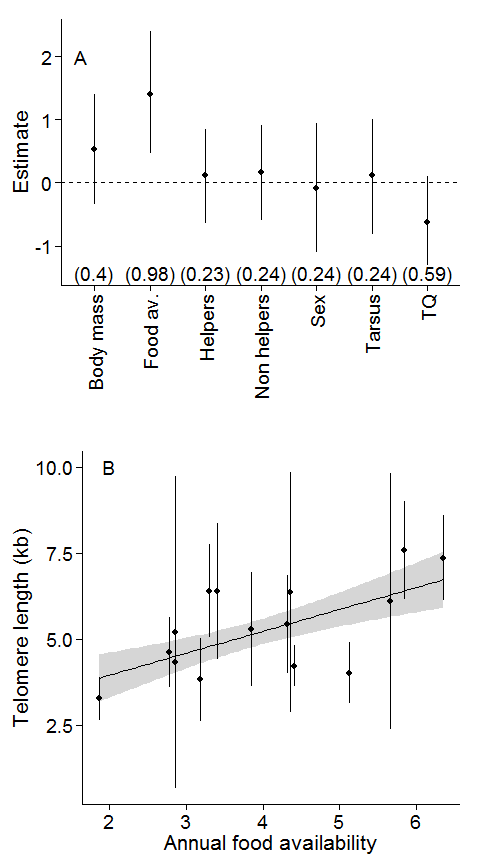
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**Figure 2**



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**Figure 3**



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**Figure 4**

