### Supplementary information for Spurgin *et al.* "Telomeres reveal silver spoon effects in a wild population"

**Table S1** Model selection table for analysis of factors affecting early life telomere length in Seychelles warblers. Only models that remained in the top model set for model averaging (AICc 6 compared to the top model) are included here. TQ = territory quality.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | df | AICc | Delta AICc | Weight |
| Helpers + Tarsus + Ageclass + Ageclass x Helpers + Ageclass x Tarsus | 7 | 663.84 | 0.00 | 0.17 |
| Helpers + Non helpers + Tarsus + Ageclass + Ageclass x Helpers + Ageclass x Tarsus | 8 | 664.63 | 0.79 | 0.11 |
| Helpers + Tarsus + TQ + Ageclass + Ageclass x Helpers + Ageclass x Tarsus | 8 | 665.29 | 1.45 | 0.08 |
| Helpers + Tarsus + Ageclass + Sex + Ageclass x Helpers + Ageclass x Tarsus | 8 | 665.85 | 2.01 | 0.06 |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Ageclass x Helpers + Ageclass x Tarsus | 9 | 666.08 | 2.24 | 0.05 |
| Helpers + Non helpers + Tarsus + Ageclass + Ageclass x Helpers + Ageclass x Non helpers + Ageclass x Tarsus | 9 | 666.27 | 2.43 | 0.05 |
| Helpers + Tarsus + TQ + Ageclass + Ageclass x Helpers + Ageclass x Tarsus + Ageclass x TQ | 9 | 666.46 | 2.62 | 0.05 |
| Helpers + Non helpers + Tarsus + Ageclass + Sex + Ageclass x Helpers + Ageclass x Tarsus | 9 | 666.58 | 2.74 | 0.04 |
| Tarsus + Ageclass + Ageclass x Tarsus | 5 | 667.29 | 3.45 | 0.03 |
| Helpers + Tarsus + TQ + Ageclass + Sex + Ageclass x Helpers + Ageclass x Tarsus | 9 | 667.33 | 3.49 | 0.03 |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Ageclass x Helpers + Ageclass x Tarsus + Ageclass x TQ | 10 | 667.44 | 3.60 | 0.03 |
| Non helpers + Tarsus + Ageclass + Ageclass x Tarsus | 6 | 667.66 | 3.82 | 0.02 |
| Helpers + Tarsus + Ageclass + Ageclass x Tarsus | 6 | 667.81 | 3.97 | 0.02 |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Ageclass x Helpers + Ageclass x Non helpers + Ageclass x Tarsus | 10 | 667.82 | 3.98 | 0.02 |
| Helpers + Tarsus + Ageclass + Sex + Ageclass x Helpers + Ageclass x Tarsus + Fledged:Sex | 9 | 667.94 | 4.10 | 0.02 |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Sex + Ageclass x Helpers + Ageclass x Tarsus | 10 | 668.07 | 4.23 | 0.02 |
| Helpers + Non helpers + Tarsus + Ageclass + Sex + Ageclass x Helpers + Ageclass x Non helpers + Ageclass x Tarsus | 10 | 668.29 | 4.45 | 0.02 |
| Helpers + Tarsus + TQ + Ageclass + Sex + Ageclass x Helpers + Ageclass x Tarsus + Ageclass x TQ | 10 | 668.44 | 4.60 | 0.02 |
| Helpers + Non helpers + Tarsus + Ageclass + Ageclass x Tarsus | 7 | 668.54 | 4.70 | 0.02 |
| Helpers + Non helpers + Tarsus + Ageclass + Sex + Ageclass x Helpers + Ageclass x Tarsus + Fledged:Sex | 10 | 668.72 | 4.88 | 0.01 |
| Tarsus + TQ + Ageclass + Ageclass x Tarsus | 6 | 668.96 | 5.12 | 0.01 |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Ageclass x Helpers + Ageclass x Non helpers + Ageclass x Tarsus + Ageclass x TQ | 11 | 669.11 | 5.27 | 0.01 |
| Helpers + Tarsus + TQ + Ageclass + Ageclass x Tarsus | 7 | 669.22 | 5.38 | 0.01 |
| Non helpers + Tarsus + TQ + Ageclass + Ageclass x Tarsus | 7 | 669.29 | 5.45 | 0.01 |
| Tarsus + Ageclass + Sex + Ageclass x Tarsus | 6 | 669.35 | 5.51 | 0.01 |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Sex + Ageclass x Helpers + Ageclass x Tarsus + Ageclass x TQ | 11 | 669.37 | 5.53 | 0.01 |
| Helpers + Tarsus + TQ + Ageclass + Sex + Ageclass x Helpers + Ageclass x Tarsus + Fledged:Sex | 10 | 669.41 | 5.57 | 0.01 |
| Tarsus + TQ + Ageclass + Ageclass x Tarsus + Ageclass x TQ | 7 | 669.42 | 5.58 | 0.01 |
| Non helpers + Tarsus + Ageclass + Ageclass x Non helpers + Ageclass x Tarsus | 7 | 669.62 | 5.78 | 0.01 |
| Non helpers + Tarsus + Ageclass + Sex + Ageclass x Tarsus | 7 | 669.68 | 5.84 | 0.01 |
| Helpers + Tarsus + TQ + Ageclass + Ageclass x Tarsus + Ageclass x TQ | 8 | 669.69 | 5.85 | 0.01 |