### 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 |
| Tarsus + Ageclass | 4 | 2144.07 | 0.00 | NA |
| Tarsus + Ageclass + Ageclass x Tarsus | 5 | 2144.52 | 0.45 | NA |
| Non helpers + Tarsus + Ageclass | 5 | 2145.23 | 1.16 | NA |
| Tarsus + TQ + Ageclass | 5 | 2145.49 | 1.42 | NA |
| Helpers + Tarsus + Ageclass | 5 | 2145.54 | 1.48 | NA |
| Non helpers + Tarsus + Ageclass + Ageclass x Tarsus | 6 | 2145.60 | 1.53 | NA |
| Tarsus + Ageclass + Sex | 5 | 2145.83 | 1.76 | NA |
| Tarsus + TQ + Ageclass + Ageclass x Tarsus | 6 | 2145.98 | 1.91 | NA |
| Helpers + Tarsus + Ageclass + Ageclass x Tarsus | 6 | 2146.12 | 2.05 | NA |
| Helpers + Tarsus + Ageclass + Ageclass x Helpers | 6 | 2146.22 | 2.15 | NA |
| Tarsus + Ageclass + Sex + Ageclass x Tarsus | 6 | 2146.52 | 2.45 | NA |
| Non helpers + Tarsus + TQ + Ageclass | 6 | 2146.53 | 2.47 | NA |
| Helpers + Non helpers + Tarsus + Ageclass | 6 | 2146.73 | 2.67 | NA |
| Helpers + Tarsus + TQ + Ageclass | 6 | 2146.88 | 2.81 | NA |
| Helpers + Tarsus + Ageclass + Ageclass x Helpers + Ageclass x Tarsus | 7 | 2146.92 | 2.85 | NA |
| Non helpers + Tarsus + TQ + Ageclass + Ageclass x Tarsus | 7 | 2146.94 | 2.87 | NA |
| Non helpers + Tarsus + Ageclass + Sex | 6 | 2146.99 | 2.93 | NA |
| Non helpers + Tarsus + Ageclass + Ageclass x Non helpers | 6 | 2147.12 | 3.06 | NA |
| Helpers + Non helpers + Tarsus + Ageclass + Ageclass x Tarsus | 7 | 2147.23 | 3.16 | NA |
| Tarsus + TQ + Ageclass + Sex | 6 | 2147.26 | 3.19 | NA |
| Helpers + Non helpers + Tarsus + Ageclass + Ageclass x Helpers | 7 | 2147.29 | 3.22 | NA |
| Helpers + Tarsus + Ageclass + Sex | 6 | 2147.34 | 3.27 | NA |
| Tarsus + TQ + Ageclass + Ageclass x TQ | 6 | 2147.48 | 3.41 | NA |
| Helpers + Tarsus + TQ + Ageclass + Ageclass x Tarsus | 7 | 2147.51 | 3.44 | NA |
| Tarsus + Ageclass + Sex + Fledged:Sex | 6 | 2147.54 | 3.47 | NA |
| Non helpers + Tarsus + Ageclass + Ageclass x Non helpers + Ageclass x Tarsus | 7 | 2147.56 | 3.49 | NA |
| Helpers + Tarsus + TQ + Ageclass + Ageclass x Helpers | 7 | 2147.58 | 3.52 | NA |
| Non helpers + Tarsus + Ageclass + Sex + Ageclass x Tarsus | 7 | 2147.61 | 3.54 | NA |
| Helpers + Non helpers + Tarsus + Ageclass + Ageclass x Helpers + Ageclass x Tarsus | 8 | 2147.91 | 3.84 | NA |
| Tarsus + TQ + Ageclass + Ageclass x Tarsus + Ageclass x TQ | 7 | 2147.93 | 3.86 | NA |
| Helpers + Non helpers + Tarsus + TQ + Ageclass | 7 | 2147.94 | 3.87 | NA |
| Tarsus + TQ + Ageclass + Sex + Ageclass x Tarsus | 7 | 2147.99 | 3.92 | NA |
| Helpers + Tarsus + Ageclass + Sex + Ageclass x Helpers | 7 | 2148.09 | 4.02 | NA |
| Helpers + Tarsus + Ageclass + Sex + Ageclass x Tarsus | 7 | 2148.13 | 4.07 | NA |
| Non helpers + Tarsus + TQ + Ageclass + Sex | 7 | 2148.30 | 4.23 | NA |
| Helpers + Tarsus + TQ + Ageclass + Ageclass x Helpers + Ageclass x Tarsus | 8 | 2148.33 | 4.26 | NA |
| Non helpers + Tarsus + TQ + Ageclass + Ageclass x Non helpers | 7 | 2148.44 | 4.38 | NA |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Ageclass x Tarsus | 8 | 2148.49 | 4.43 | NA |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Ageclass x Helpers | 8 | 2148.52 | 4.46 | NA |
| Non helpers + Tarsus + TQ + Ageclass + Ageclass x TQ | 7 | 2148.52 | 4.46 | NA |
| Helpers + Non helpers + Tarsus + Ageclass + Sex | 7 | 2148.53 | 4.46 | NA |
| Tarsus + Ageclass + Sex + Ageclass x Tarsus + Fledged:Sex | 7 | 2148.55 | 4.49 | NA |
| Helpers + Non helpers + Tarsus + Ageclass + Ageclass x Non helpers | 7 | 2148.61 | 4.54 | NA |
| Helpers + Tarsus + TQ + Ageclass + Sex | 7 | 2148.67 | 4.61 | NA |
| Non helpers + Tarsus + Ageclass + Sex + Fledged:Sex | 7 | 2148.70 | 4.64 | NA |
| Helpers + Tarsus + TQ + Ageclass + Ageclass x TQ | 7 | 2148.87 | 4.80 | NA |
| Non helpers + Tarsus + TQ + Ageclass + Ageclass x Tarsus + Ageclass x TQ | 8 | 2148.88 | 4.81 | NA |
| Non helpers + Tarsus + Ageclass + Sex + Ageclass x Non helpers | 7 | 2148.90 | 4.83 | NA |
| Non helpers + Tarsus + TQ + Ageclass + Ageclass x Non helpers + Ageclass x Tarsus | 8 | 2148.91 | 4.85 | NA |
| Tarsus + TQ + Ageclass + Sex + Fledged:Sex | 7 | 2148.92 | 4.85 | NA |
| Helpers + Tarsus + Ageclass + Sex + Ageclass x Helpers + Ageclass x Tarsus | 8 | 2148.95 | 4.88 | NA |
| Non helpers + Tarsus + TQ + Ageclass + Sex + Ageclass x Tarsus | 8 | 2148.95 | 4.89 | NA |
| Helpers + Tarsus + Ageclass + Sex + Fledged:Sex | 7 | 2149.04 | 4.98 | NA |
| Helpers + Non helpers + Tarsus + Ageclass + Ageclass x Helpers + Ageclass x Non helpers | 8 | 2149.15 | 5.08 | NA |
| Helpers + Non helpers + Tarsus + Ageclass + Sex + Ageclass x Helpers | 8 | 2149.16 | 5.10 | NA |
| Helpers + Non helpers + Tarsus + Ageclass + Ageclass x Non helpers + Ageclass x Tarsus | 8 | 2149.18 | 5.11 | NA |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Ageclass x Helpers + Ageclass x Tarsus | 9 | 2149.19 | 5.13 | NA |
| Tarsus + TQ + Ageclass + Sex + Ageclass x TQ | 7 | 2149.23 | 5.16 | NA |
| Helpers + Non helpers + Tarsus + Ageclass + Sex + Ageclass x Tarsus | 8 | 2149.25 | 5.18 | NA |
| Helpers + Tarsus + TQ + Ageclass + Sex + Ageclass x Helpers | 8 | 2149.45 | 5.39 | NA |
| Helpers + Tarsus + TQ + Ageclass + Ageclass x Tarsus + Ageclass x TQ | 8 | 2149.45 | 5.39 | NA |
| Helpers + Tarsus + TQ + Ageclass + Sex + Ageclass x Tarsus | 8 | 2149.52 | 5.46 | NA |
| Non helpers + Tarsus + Ageclass + Sex + Ageclass x Non helpers + Ageclass x Tarsus | 8 | 2149.57 | 5.51 | NA |
| Helpers + Tarsus + TQ + Ageclass + Ageclass x Helpers + Ageclass x TQ | 8 | 2149.61 | 5.54 | NA |
| Non helpers + Tarsus + Ageclass + Sex + Ageclass x Tarsus + Fledged:Sex | 8 | 2149.64 | 5.58 | NA |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Sex | 8 | 2149.74 | 5.67 | NA |
| Helpers + Tarsus + Ageclass + Sex + Ageclass x Helpers + Fledged:Sex | 8 | 2149.77 | 5.70 | NA |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Ageclass x Non helpers | 8 | 2149.83 | 5.76 | NA |
| Helpers + Non helpers + Tarsus + Ageclass + Ageclass x Helpers + Ageclass x Non helpers + Ageclass x Tarsus | 9 | 2149.85 | 5.78 | NA |
| Tarsus + TQ + Ageclass + Sex + Ageclass x Tarsus + Ageclass x TQ | 8 | 2149.93 | 5.86 | NA |
| Helpers + Non helpers + Tarsus + TQ + Ageclass + Ageclass x TQ | 8 | 2149.93 | 5.86 | NA |
| Helpers + Non helpers + Tarsus + Ageclass + Sex + Ageclass x Helpers + Ageclass x Tarsus | 9 | 2149.95 | 5.88 | NA |
| Non helpers + Tarsus + TQ + Ageclass + Sex + Fledged:Sex | 8 | 2149.96 | 5.90 | NA |
| Tarsus + TQ + Ageclass + Sex + Ageclass x Tarsus + Fledged:Sex | 8 | 2150.03 | 5.96 | NA |