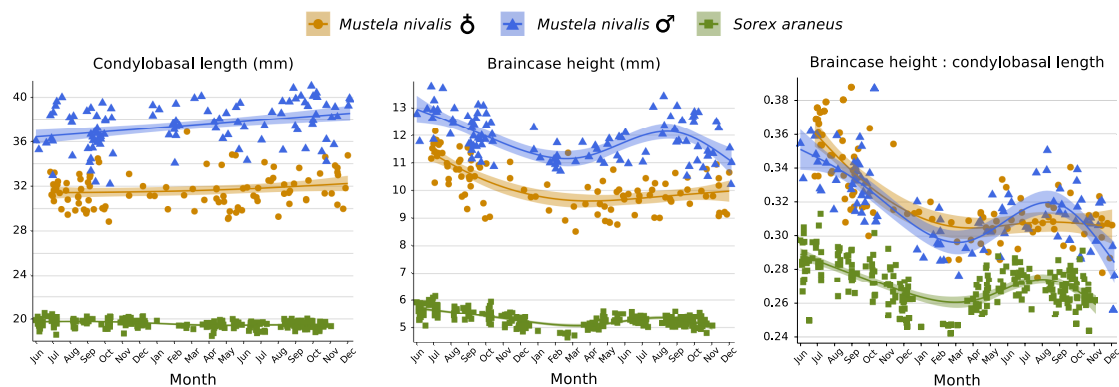


1 **Profound seasonal shrinking and regrowth of the ossified** 2 **braincase in phylogenetically distant mammals with similar** 3 **life histories**

4

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7 **Supplementary Materials:**



8

9 **Figure S1. Generalized additive model predictions for seasonal patterns in the**

10 condylobasal lengths (left), braincase depths (center), and standardized braincase

11 depths (right) for female weasels (orange and circles), male weasels (blue and

12 triangles), and shrews (green and squares). Here we show that the seasonal pattern in

13 standardized braincase depth is not driven by disproportionate nor independent

14 changes in condylobasal length or braincase depth alone.