**S1 File. 3D surfaces showing the morphs at the extremes and average points for allometry and PC1-5.** For each image, click on it to move it to the frontal view. The faces an then be rotated by holding the mouse or trackpad key down or by touch on a touchscreen. The morphs are scaled so as to represent the observed extremes of each distribution.

## Click on each image to place in default view. Allometry Min Average Max PC1 Min Average Max PC2 Min Average Max PC3 Min Max Average PC4 Min Average Max PC5 Max Min Average