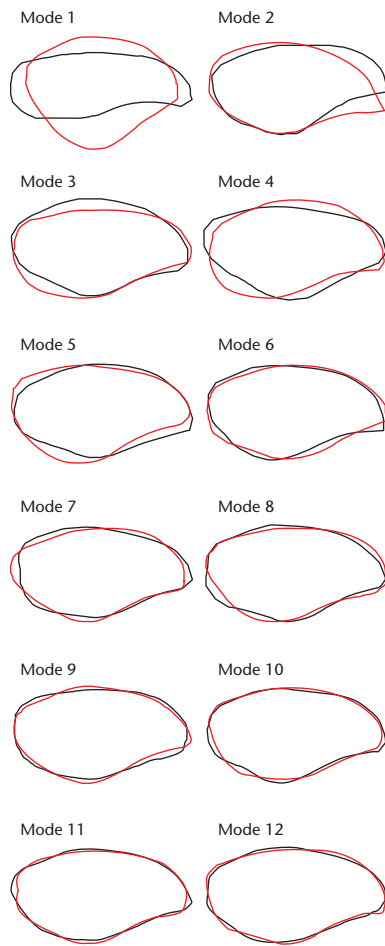
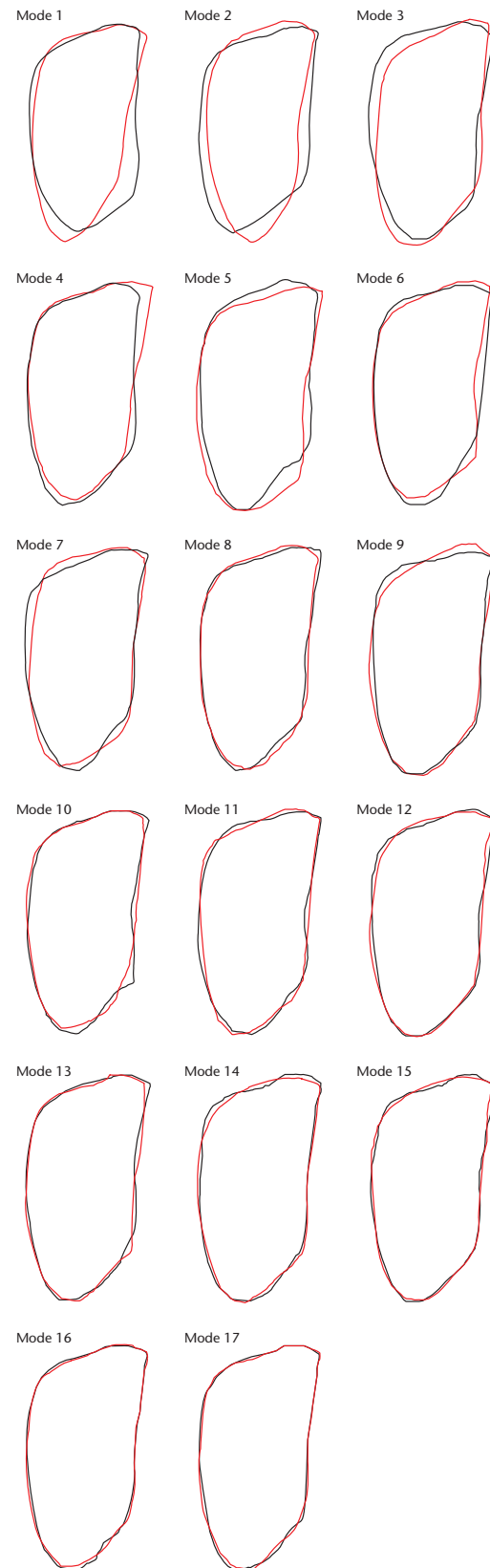


## Supplementary material



**Fig. a**

Modes of variance for the skyline model. Displayed as -2.5 (red line) and +2.5 (black line) standard deviations for visualization purposes.



**Fig. b**

Modes of variance for the lateral model. Displayed as -2.5 (red line) and +2.5 (black line) standard deviations for visualization purposes.