



**Supplementary Figure 4. Heritability estimation versus sample size.** Going from the minimum (N=2) to the maximum number of father-child pairs (sons, N=358; daughters, N=404), the heritability was computed for various facial segments, representing all five hierarchical levels (**Figure 3**). This was repeated 1,000 times, each covering a different random subset. The mean heritability was plotted as a solid line and the standard deviation was plotted as the shaded area around the mean. The overall heritability estimates, computed from the maximum number of father-child pairs, are listed on the right.