

Supplemental Materials

Seeing the Tipping Point: Balance Perception and Visual Shape

by C. Firestone & F. C. Keil, 2016, *JEP: General*

<http://dx.doi.org/10.1037/xge0000151>

Supplementary Figures for Firestone & Keil, "Seeing the Tipping Point"

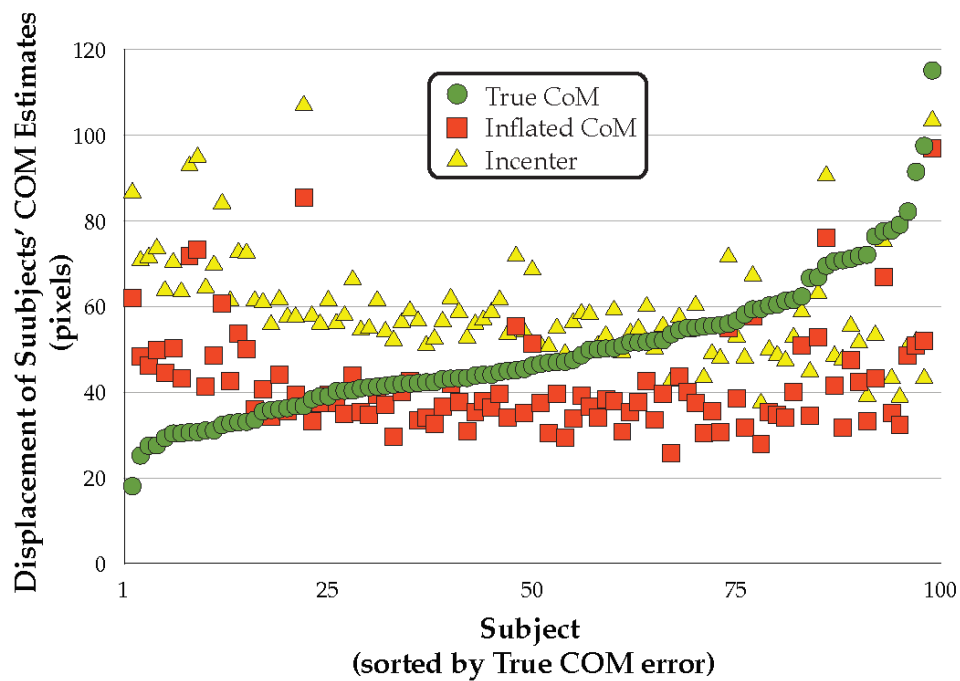


Figure S1. Error in center-of-mass estimates, broken down by subject. Values on the y-axis represent each distance of a given subject's estimates from the true center of mass (green circle), inflationary center of mass (red square) and incenter (yellow triangle) across all the shapes in that subject's session. (Subjects are ordered by their error from the true COM, for Study 2).

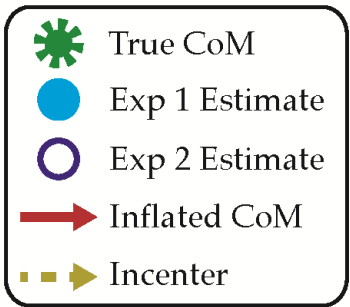
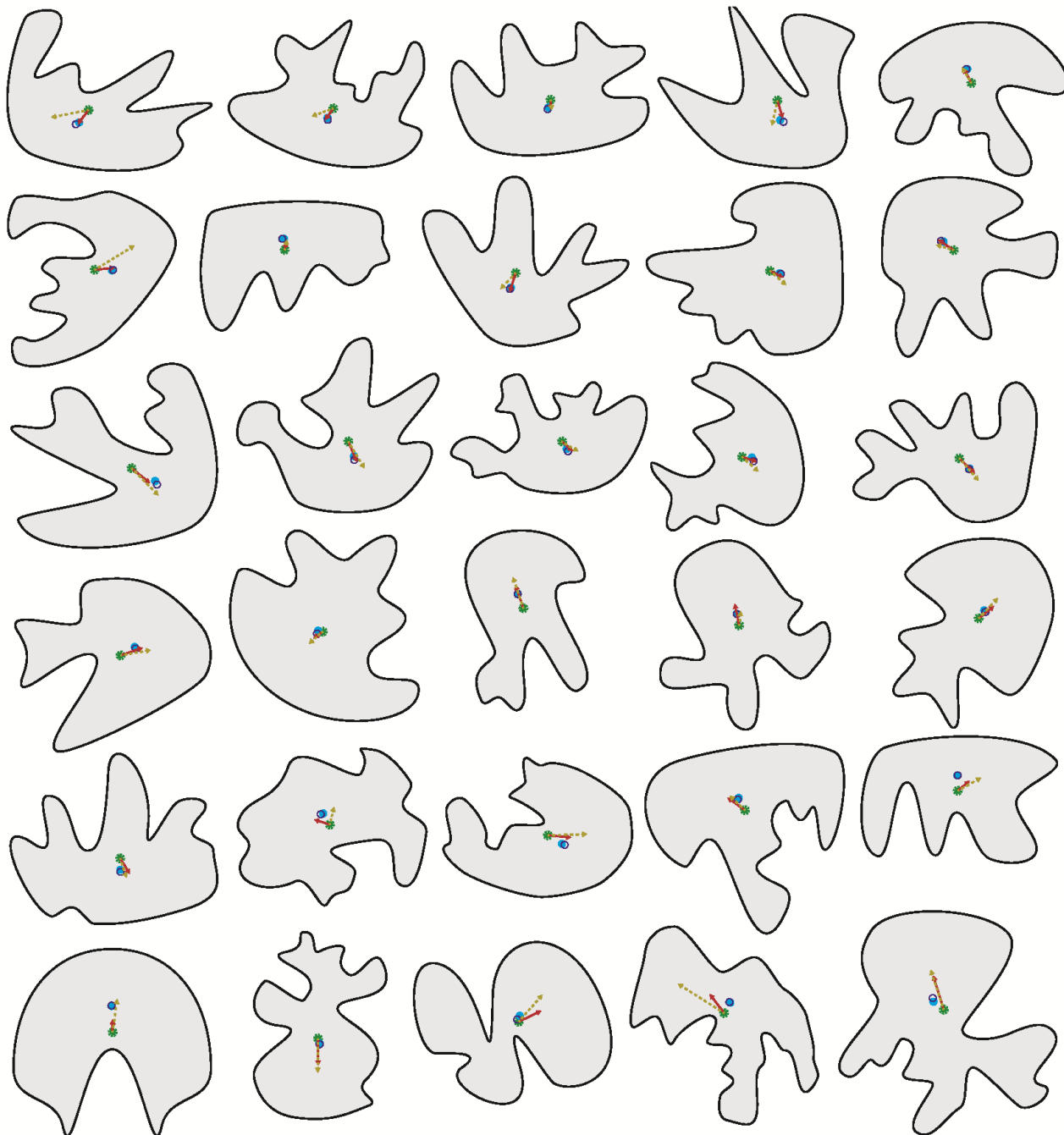


Figure S2. Center-of-mass estimates for each shape for Studies 1 and 2. Green star indicates true center-of-mass (i.e. the mean of the coordinates of the shape's interior points); light blue filled circle indicates average location of all subjects' estimates for Study 1; dark blue outlined circle indicates average location of all subjects' estimates for Study 2; solid red arrow indicates direction and magnitude of displacement from true center-of-mass predicted by inflation (with the inflated center-of-mass located at the arrowhead's tip); dashed yellow arrow indicates direction and magnitude of displacement from true center-of-mass predicted by the incentre (located at the arrowhead's tip). Shapes are sorted from top left to bottom right in order of estimation error relative to inflationary center of mass.