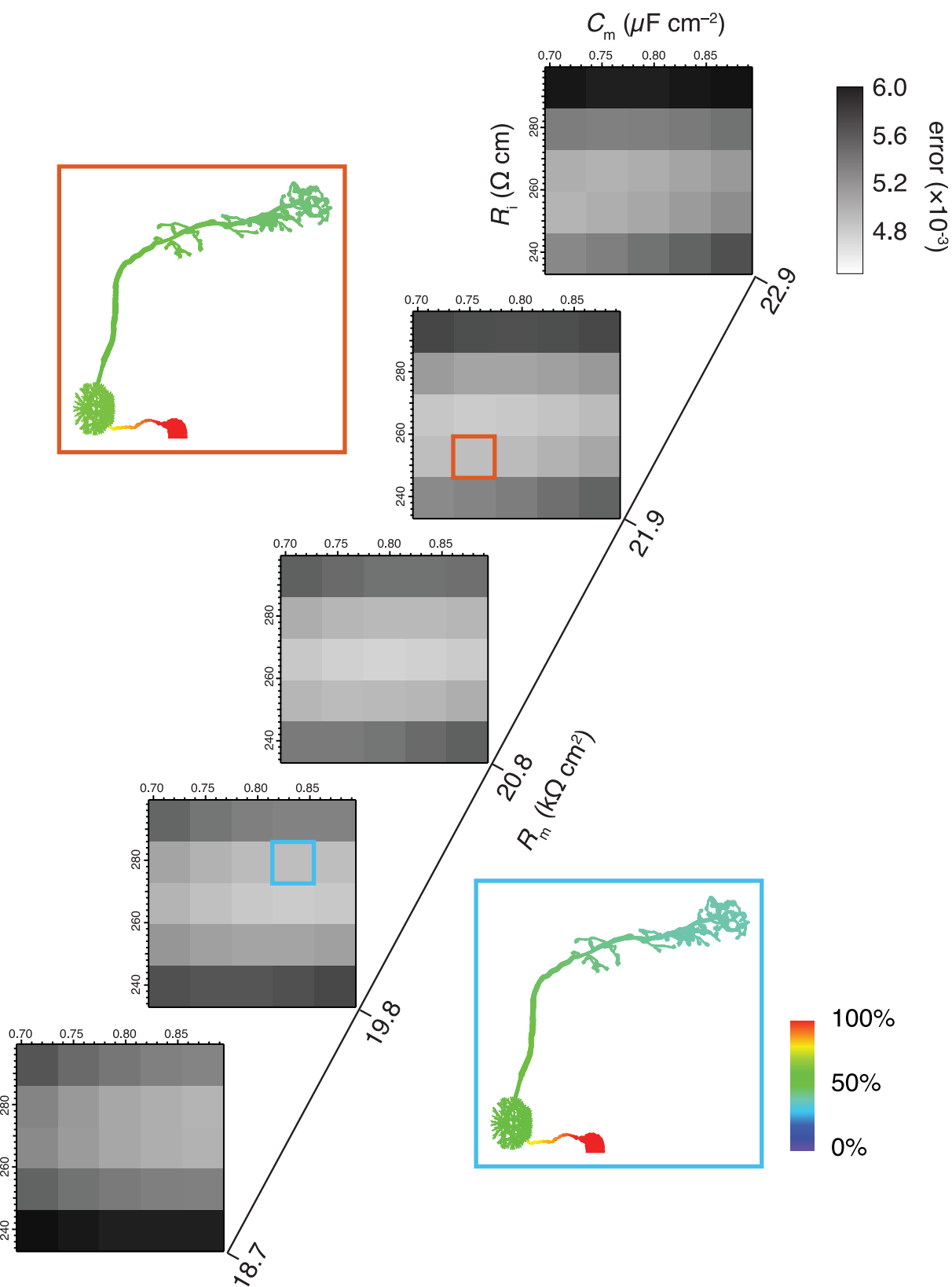




Supplemental Figure 2. The fit error as a function of R_m , R_i , and C_m displayed as a volume. Lighter shades of gray indicate less error in the fit. Each parameter was varied by up to $\pm 10\%$ of the values returned by the best-fitting algorithm. The data set to which the model was compared is from Cell 3 (Fig. 4). The morphology used was Dendrite 2 (Fig. 4). Two example plots of steady-state voltage attenuation from the soma are shown. The corresponding location in parameter space is indicated by the similarly-colored square in the plot of the error function.