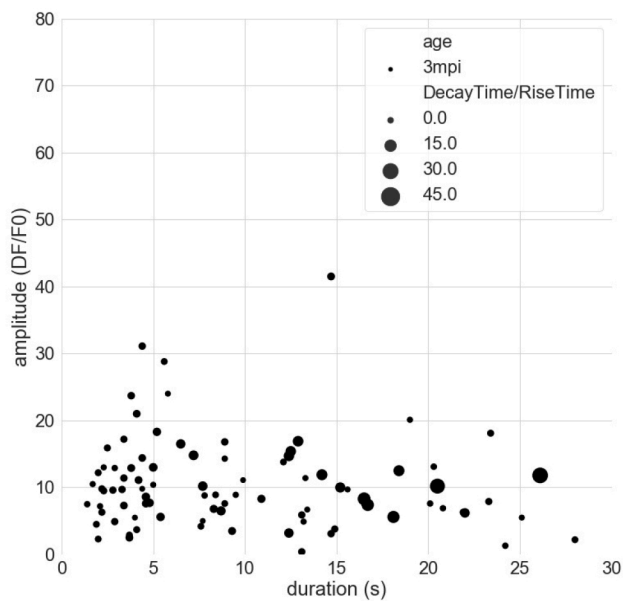
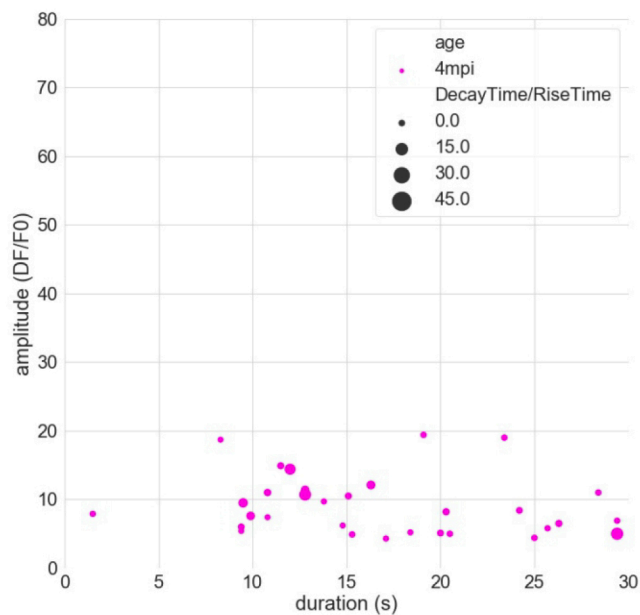
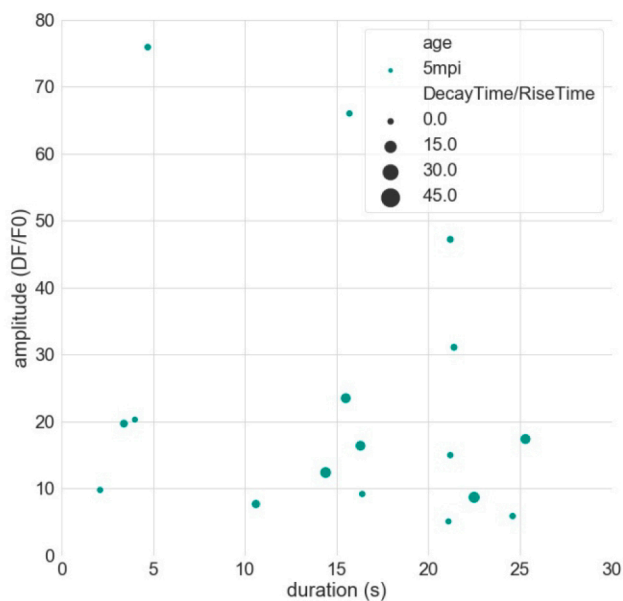
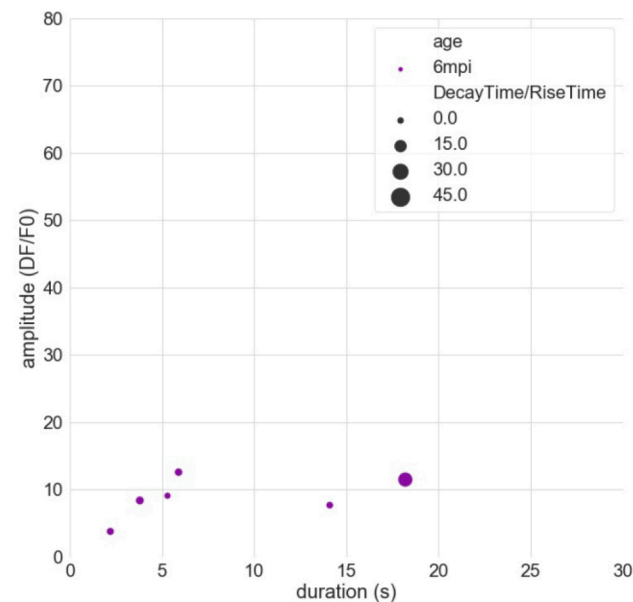


A**B****C****D**

Supplementary Figure 3

Raster plot representation of the evolution of calcium transient parameters for the neurite ROIs at each time point. Each point represents one calcium transient, the position on the x-axis represents the duration of the transient, the position on the y-axis represents the amplitude of the transient, the size of the spots represents the Decay time/Rise time ratio.