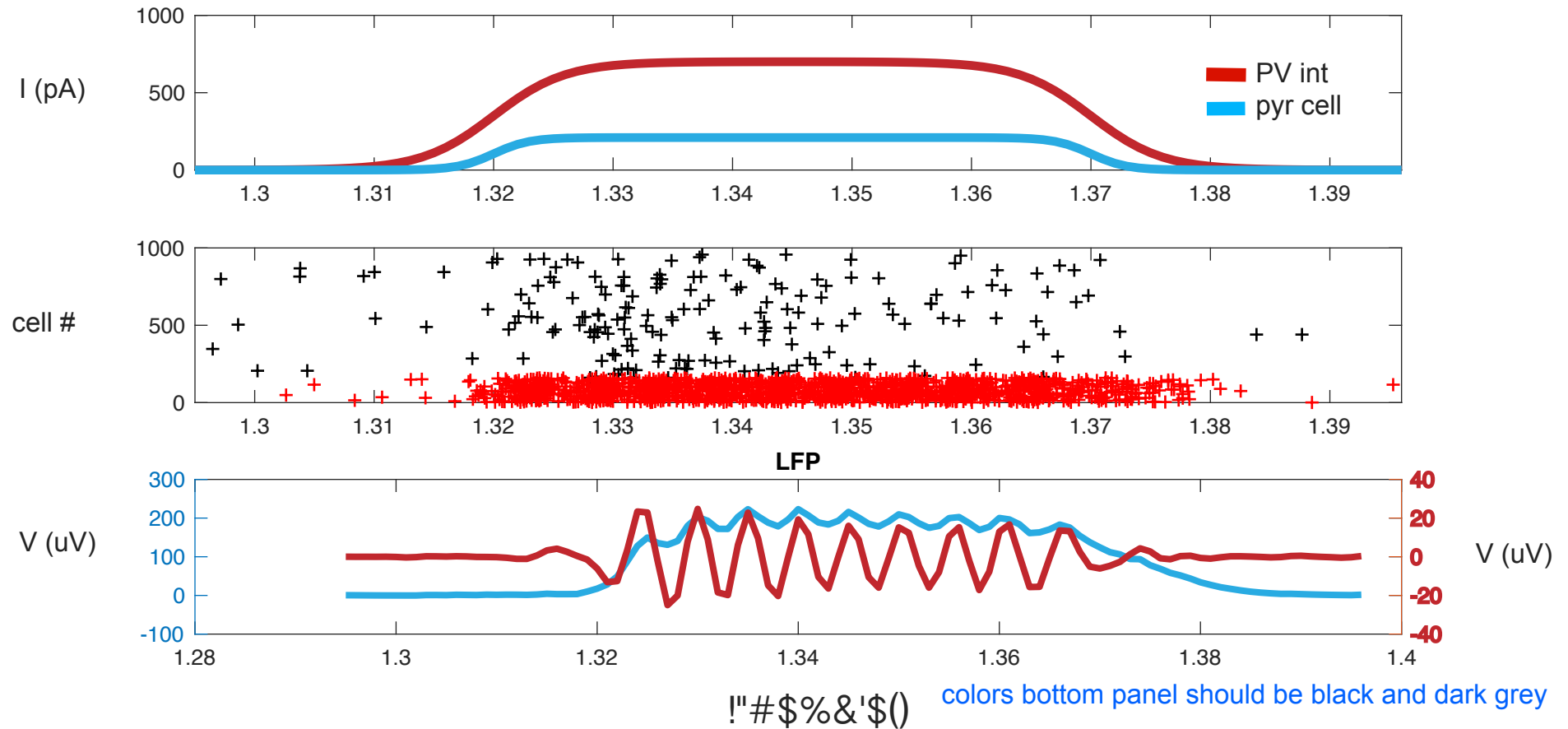


current input from CA3



top: Cells exhibit different input resistances as a function of size, such that larger cells respond with smaller voltage changes to the same input current amplitude as a smaller cell. To account for this when both interneurons and pyramidal cells are modeled as points, the current inputs are re-scaled.

middle: Rastergram of all pyramidal cells (black) and PV interneurons (red). Each cross represents an action potential.

bottom: Raw (blue) and filtered (band-pass: 50-350 Hz, red) LFP.