



**Fig 4:  $J_{rel}$  and single dyad dynamics.** A – Whole cell averages for  $Ca^{2+}$  concentration in the dyadic cleft (purple) and cytoplasm (grey) and intracellular  $Ca^{2+}$  release,  $J_{rel}$  (yellow). B –  $Ca^{2+}$  concentration in multiple individual dyadic clefts (grey) with the average (purple).