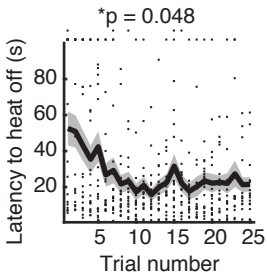
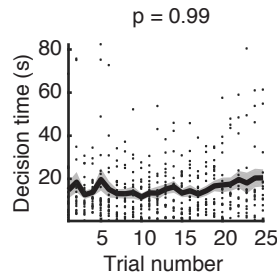


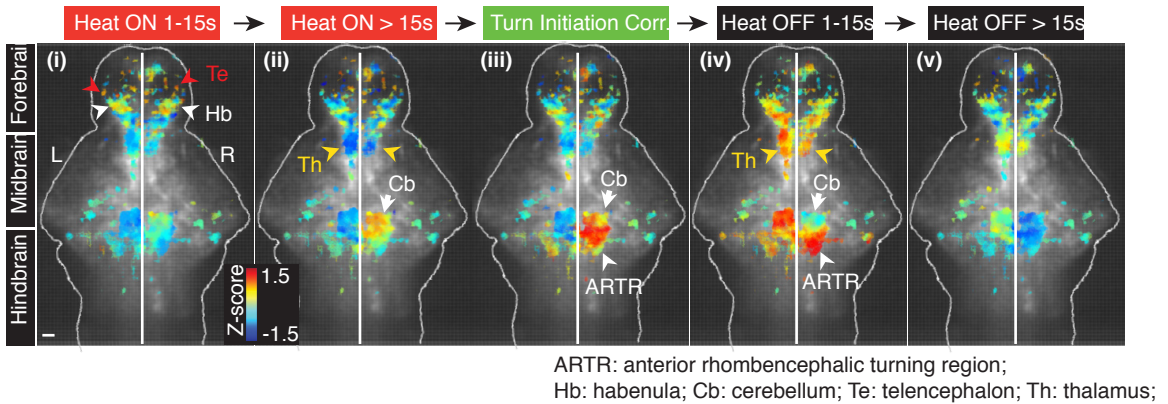
**A** Latency to relief from heat decreases with training



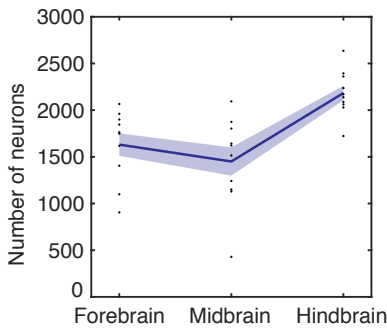
**B** Decision time remains constant



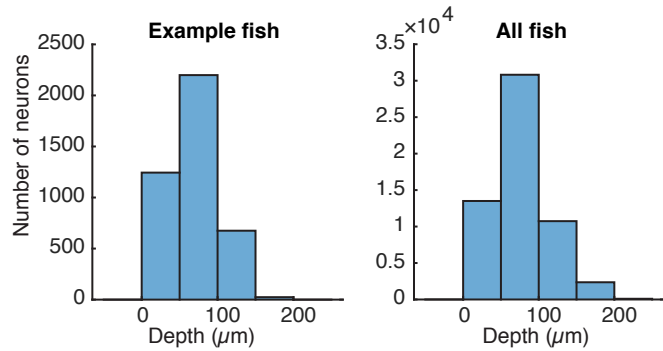
**C** Dynamic evolution of brain states at different task epochs



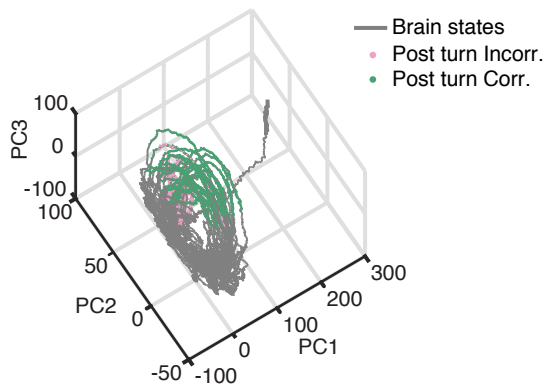
**D** Consistent neuron number across fish



**E** Consistent axial distribution of neurons across fish



**F** PCA fails to differentiate correct and incorrect trials



**G** Brain states are high-dimensional

