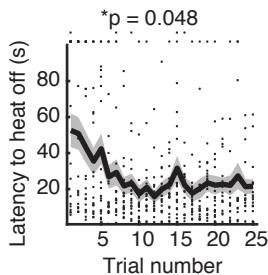
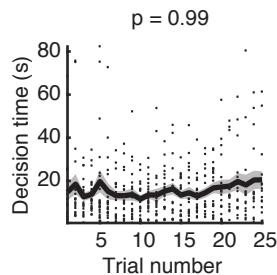
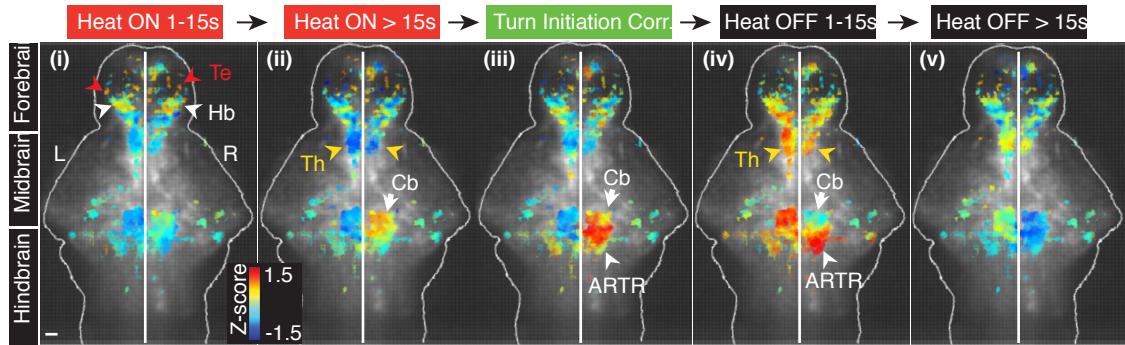
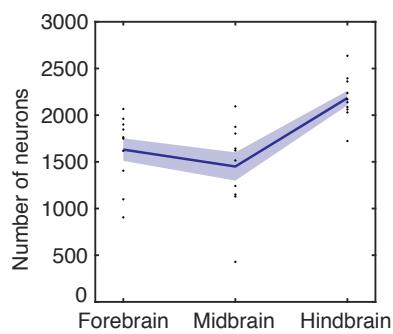
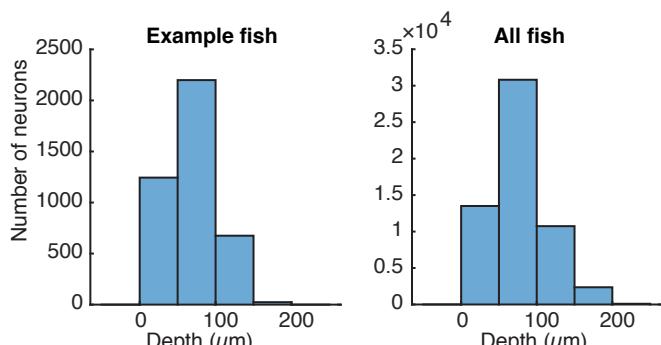
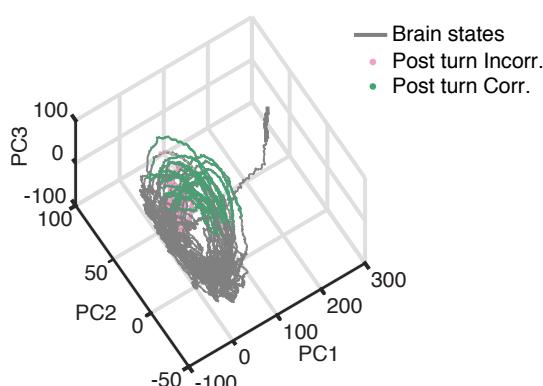


A Latency to relief from heat decreases with training**B Decision time remains constant****C Dynamic evolution of brain states at different task epochs**

ARTR: anterior rhombencephalic turning region;
Hb: habenula; Cb: cerebellum; Te: telencephalon; Th: thalamus;

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**