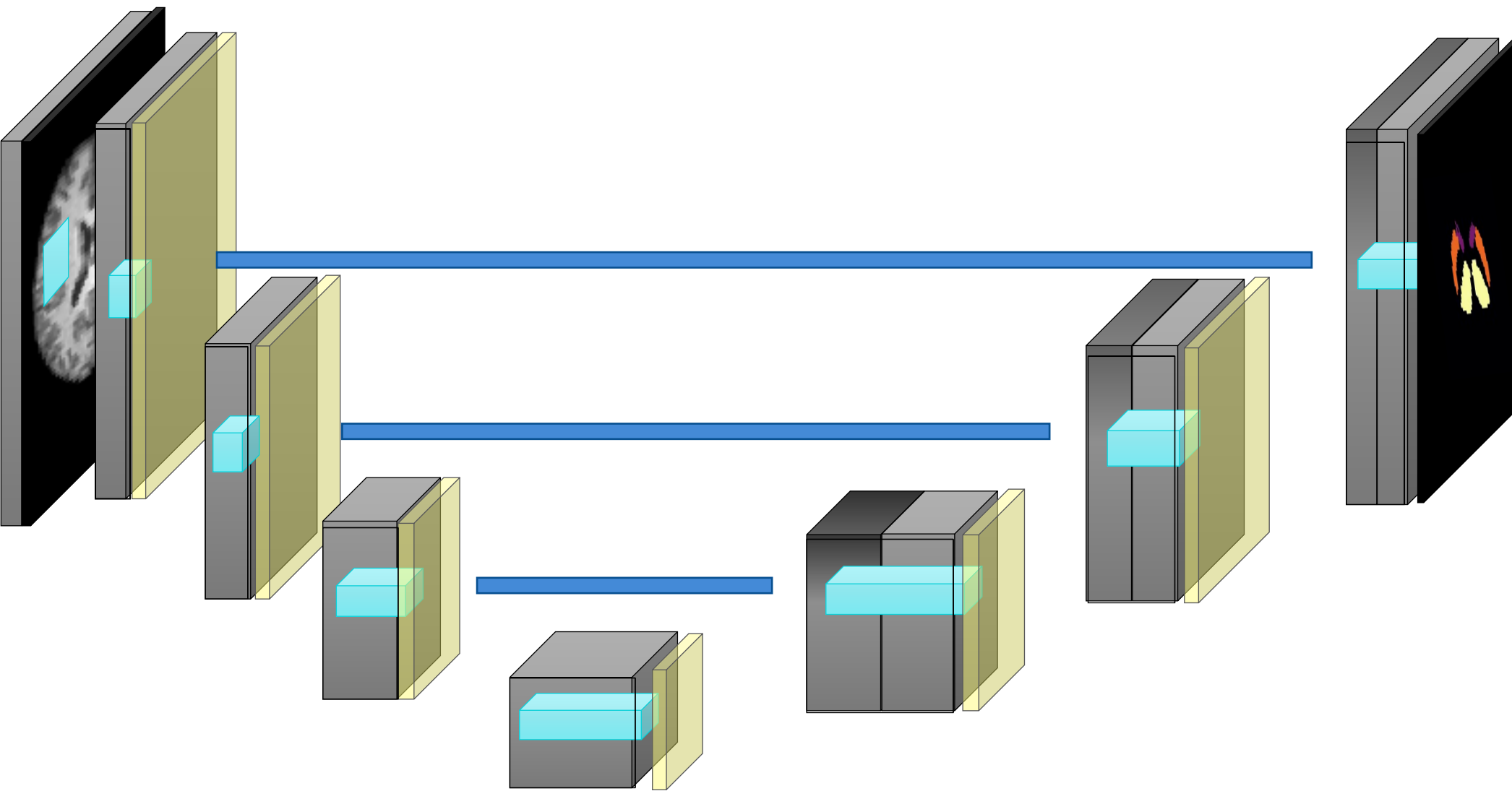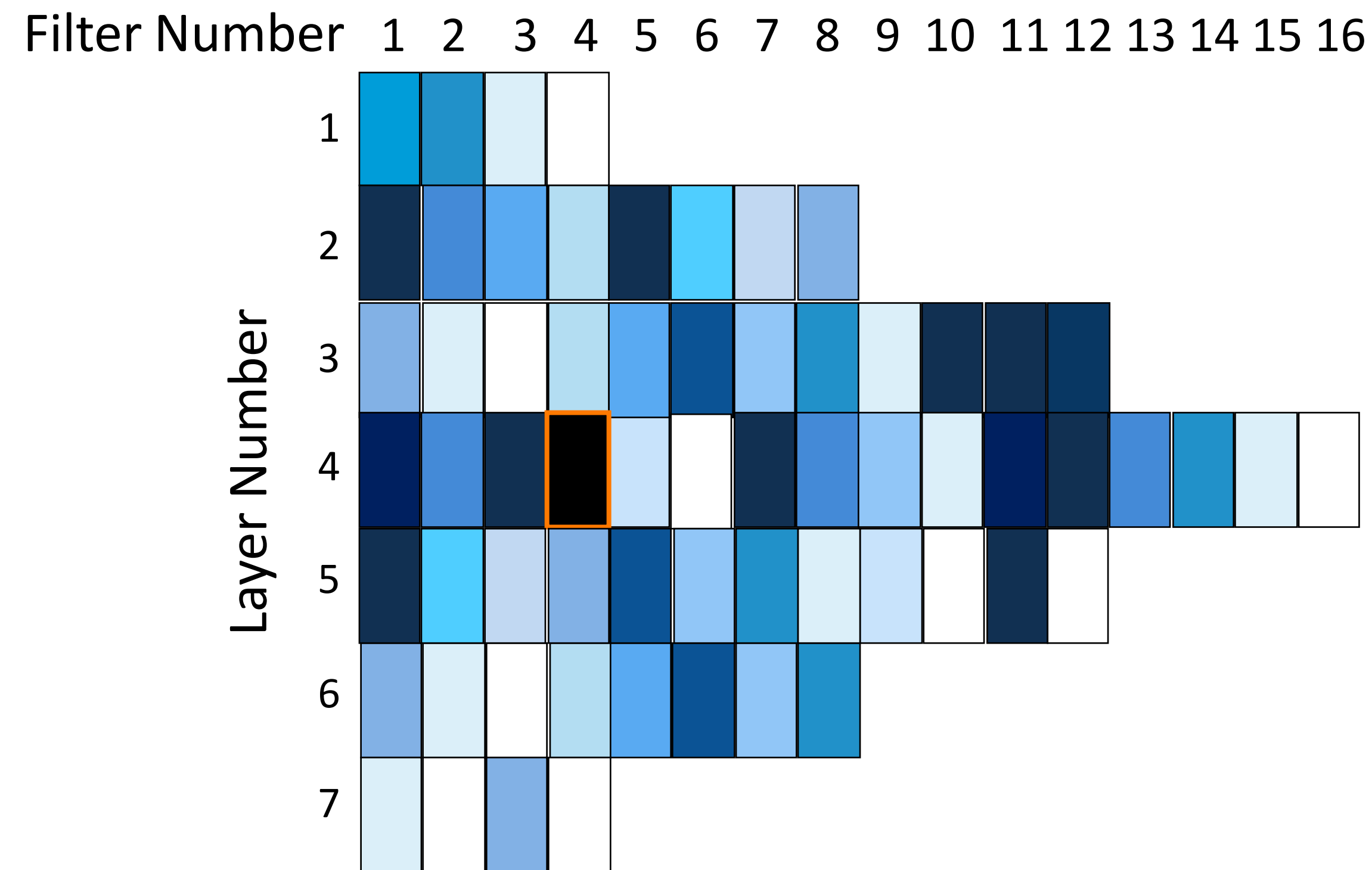# STAMP: Simultaneous Training And Model Pruning
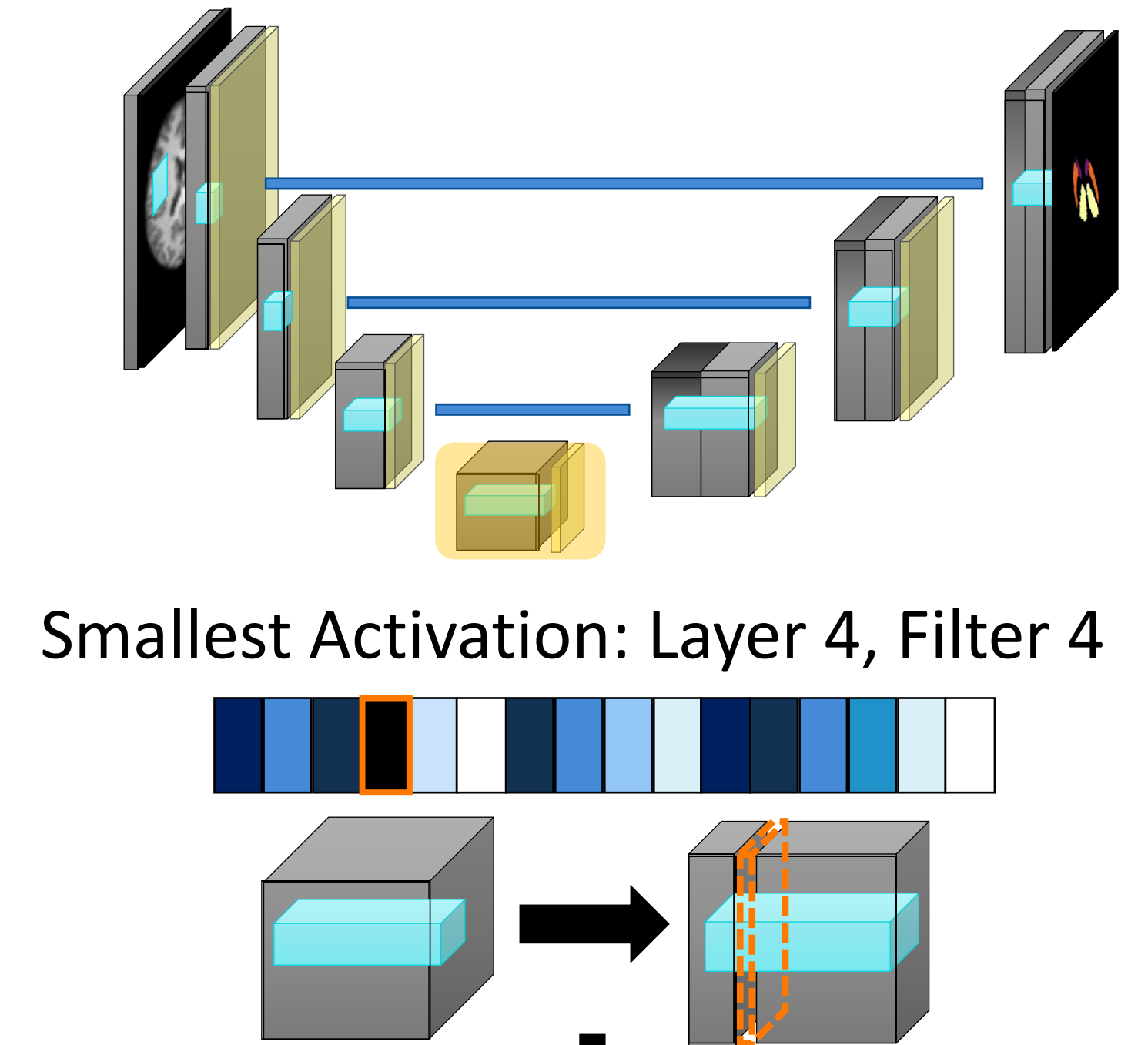
1. Train for N epochs

2. Based on activations, identify filter to prune

3. Remove filter from the architecture

Filter Number 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Layer Number

Smallest Activation: Layer 4, Filter 4

Iterate

Provides Improved Segmentation Performance in Low Data Regimes