**Hyperparameter Importance Analysis
(Combined across all runs and methods)**

dropout — 0.074 n.s.

fc hidden — 0.081 n.s.

learning rate — -0.108 n.s.

conv channels base — 0.375 ***

batch size — -0.402 ***

weight decay — -0.423 ***

num conv blocks — 0.635 ***

*** p<0.001, ** p<0.01, * p<0.05, n.s. not significant

Pearson Correlation with Validation Accuracy