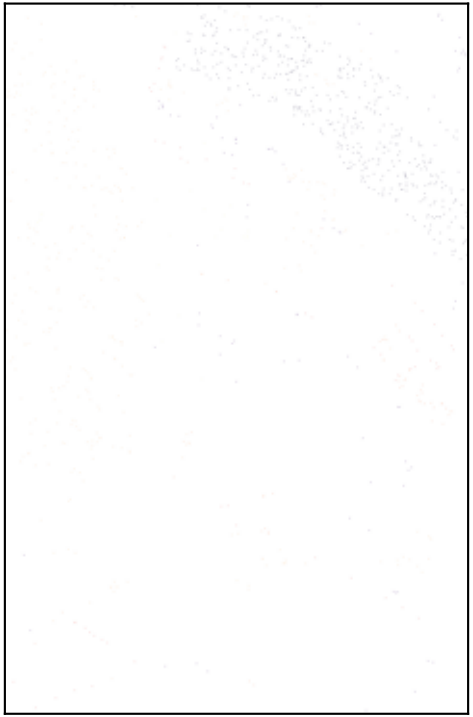Learned labels atoms=30 reg_m=10000 reg=0.08_clusters=9 accuracy=0.86