



Figure 1. Comparison of various segmentation algorithms with ScribbleSeg on the DLPFC dataset, sample 151510. **a.** Manual annotation (ground truth). **b.** Scribbles by an annotator. **c.** Clustering done by ScribbleSeg ($\lambda = 3, \mu = 10, v = 1$), based on annotator's scribbles. **d.** Clustering done by SC-MEB. **e.** Clustering done by BayesSpace. **f.** Clustering done by ScribbleSeg when scribbles are initialized using the output of mclust ($\lambda = 17, \mu = 4, v = 0$, after pre-heating with $\lambda = 0, \mu = 0, v = 1$).