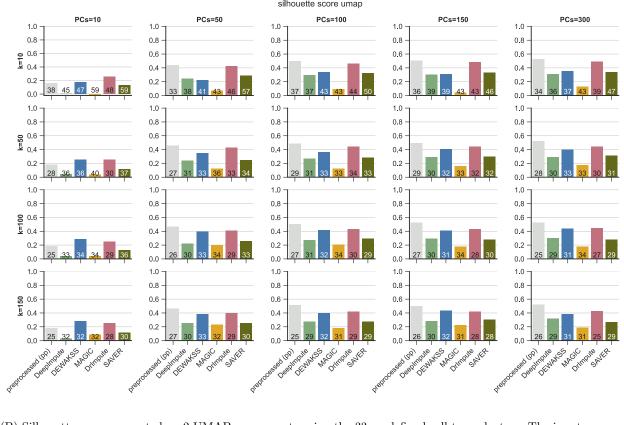
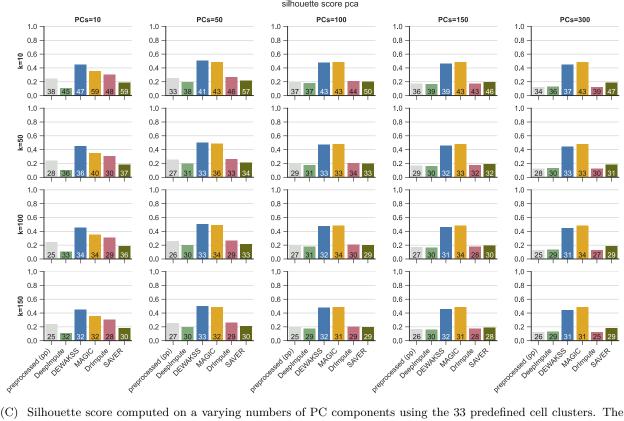


Fowlkes-Mallows

(A) Clustering performance metric computed against cell type clusters. Clusters were inferred with the Leiden algorithm [38]. The number at the bottom of each bar represents the inferred number of clusters. The Leiden algorithm's resolution parameter r was set to 0.5 for MAGIC, 2 for pp and DeepImpute and 4 for DrImpute and SAVER to reduce or increase number of clusters, respectively, to comparative numbers given the previously annotated clusters.



(B) Silhouette score computed on 2 UMAP components using the 33 predefined cell type clusters. The input parameters to the umap algorithm is annotated with x and y labels of each panels row and column.



number of PCs used corresponds to the number on the upper edge of the graph.

S2 Fig: Denoising celltype annotated data from Hrvatin et al. [19]. The dataset contains 33 annotated celltypes in 48267 cells.