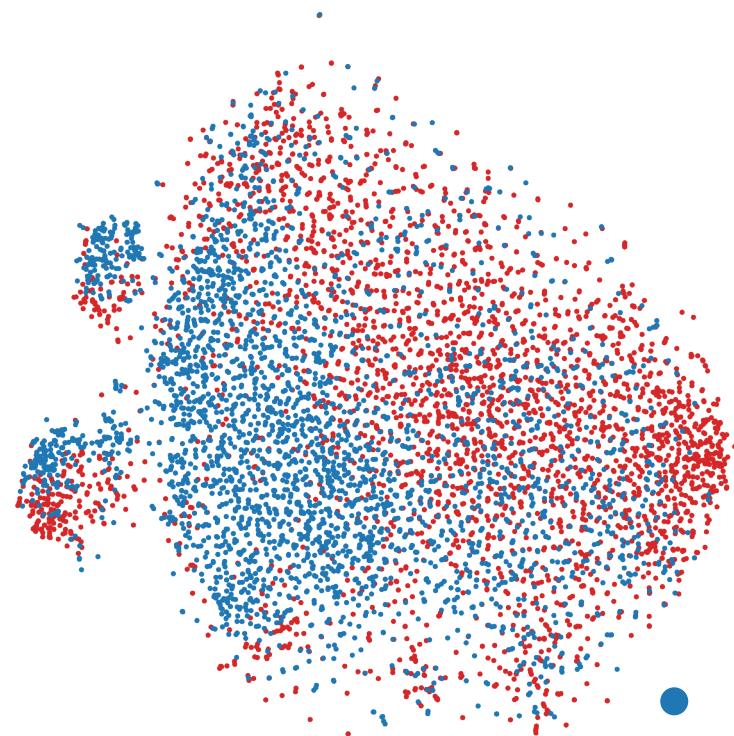
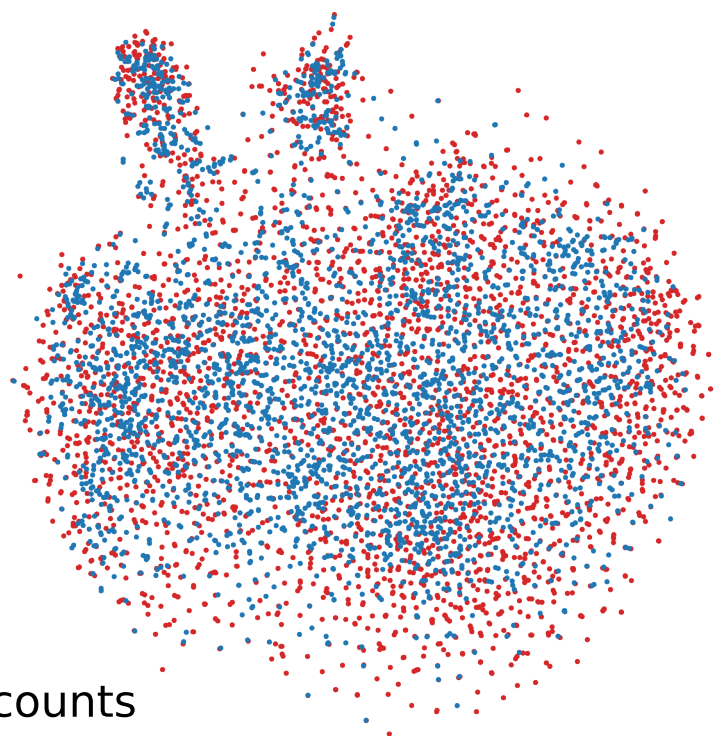
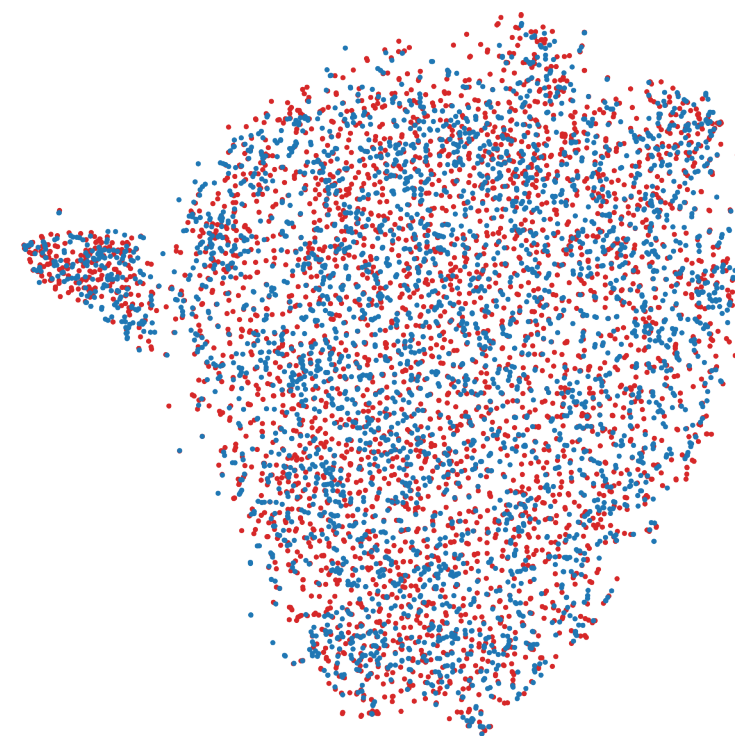
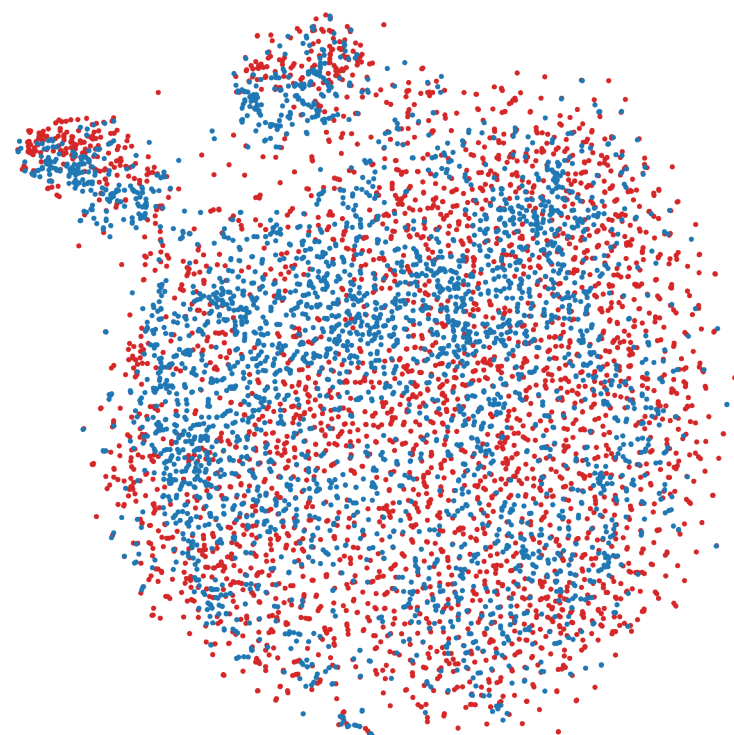
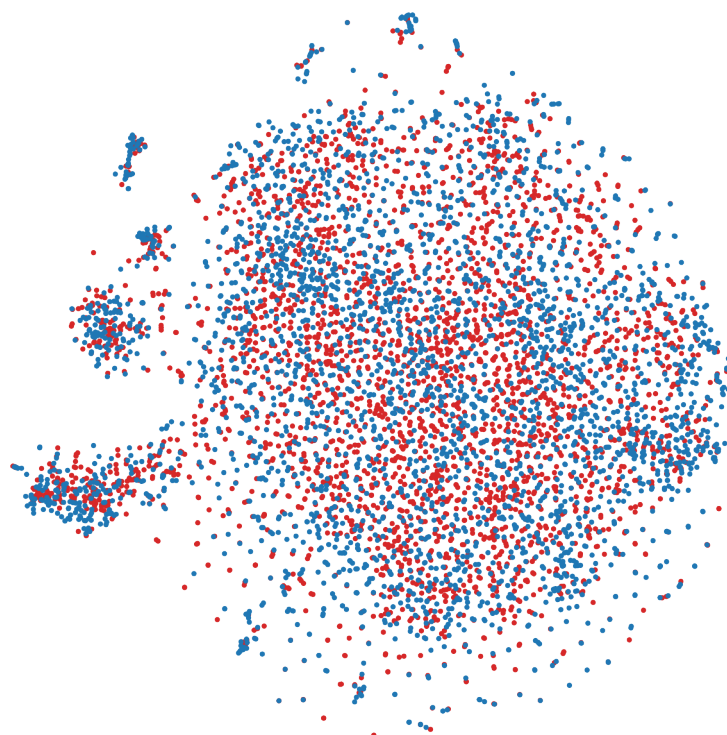


a $\log(\text{CP}10^4)$, PCA

● Original counts
● 50% downsampled

b $\log(\text{CPMedian})$, PCA**c**

Normalization only, PCA

**d** $\text{sqrt}(\text{CPMedian})$, PCA**e**Pearson residuals ($\theta = 100$), PCA**f**GLM-PCA (NB, fixed $\theta = 100$)