

Results

| <div>Models \ Methods</div> | | ZINB | NB | ZIFA (raw + norm) | PCA (raw + norm) |
|-----------------------------|------|--|--|---|---|
| Simulations | ZINB | Correlation (figure 5,8) Silhouette (figure 6) (asymptotic) accuracy + robustness bias-MSE for mu and pi (figures 1,2,4) mean-difference plot (figure 3) | x | Correlation (figure 5,8) Silhouette (figure 6) | Correlation (figure 5,8) Silhouette (figure 6) |
| | NB | x | x | x | x |
| | Lun2 | Silhouette (figure 7) | x | Silhouette (figure 7) | Silhouette (figure 7) |
| Real | | Silhouette Godness of fit : $E[Y]$, $\Pr(Y=0)$ | Silhouette Godness of fit : $E[Y]$, $\Pr(Y=0)$ | Silhouette | Silhouette |

+ cpuTime for all