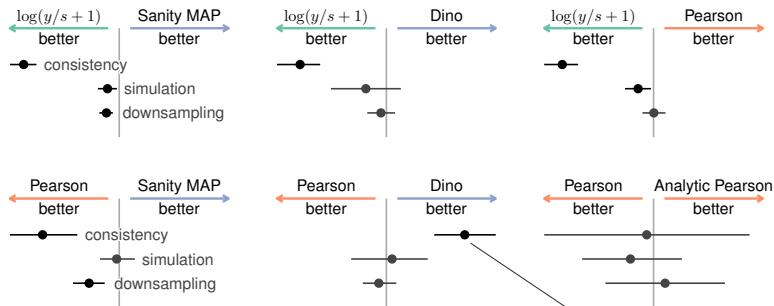
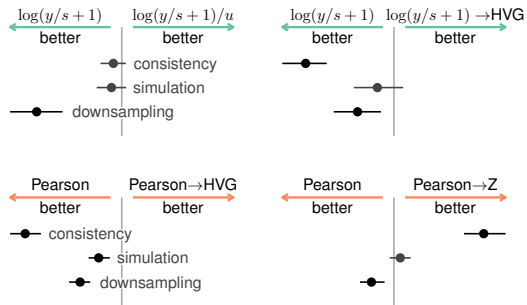


### (A) $\log(y/s + 1)$ performs on par with the best alternatives

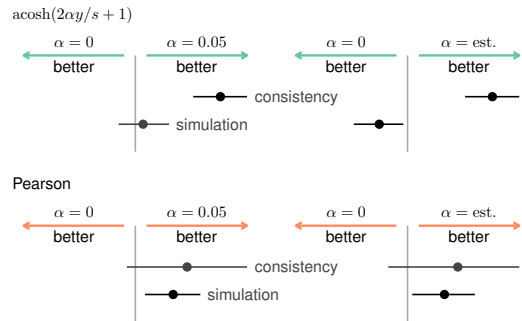


### (C) Post-processing does not consistently improve results



Mean and 95% confidence interval of the difference in relative  $k$ -NN overlap for the consistency benchmark between Dino and Pearson

### (B) Non-zero overdispersion improves results



### (D) More UMIs/cell, better KNN overlap

