

## a RNA Spatial Data



nanoString

seqFISH  
MERFISH  
STARmap  
...

vizgen

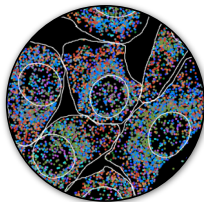
resolve  
biosciences

## b Standardized Data

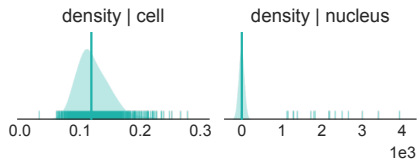
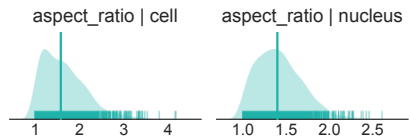
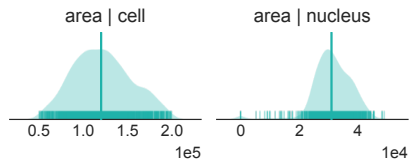
AnnData

Segmentation  
masks

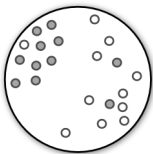
Molecular  
coordinates



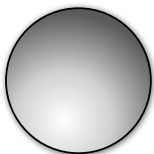
## c Spatial Statistics



## d Machine Learning & Statistical Analysis



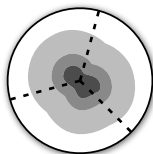
Geospatial  
Statistics



Molecular  
Gradients



Subcellular  
Compartments



Data  
Visualization