

A



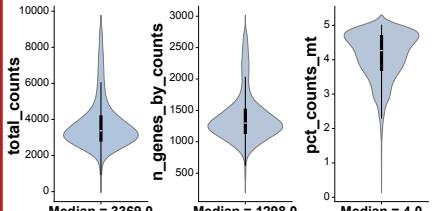
.h5 files

Easy ambient RNA removal (CellBender)

(CellBender)

Semi-automated quality control

(*Scanpy*, *Seurat*, *scDblFinder*, *Scrublet*,
DoubletDetection)



- Filter based on quantiles
- Filter based on absolute cutoffs
- Doublet removal
- Filter based on mitochondrial content
- Evaluate samples correlation

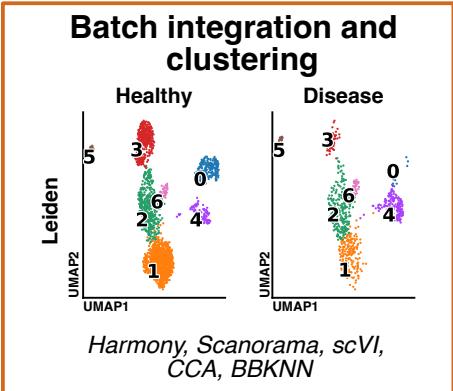
Multi-platform Support

(Zellkonverter)

SeuratObject

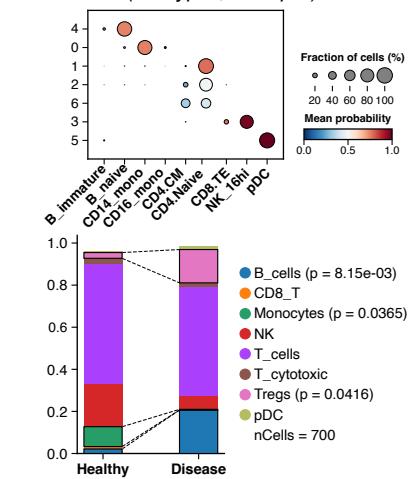
AppData

SingleCell Experiment



Identification and evaluation of cell population

(Celltypist, Scanpro)



Pseudo-bulk and single-cell differential expression analysis

Pseudobulk

DESeq2
EdgeR
t-test

Consensus

Single-Cell
Wilcoxon
t-test
MAST
LogisticReg

