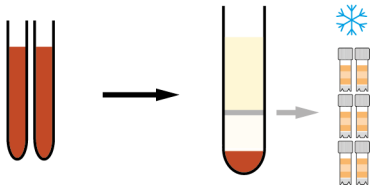
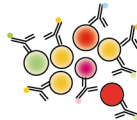


PBMC isolation & cryo preservation



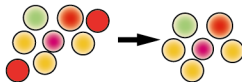
staining cells with metal-conjugated abs



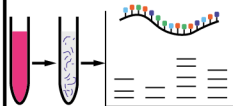
CyTOF (single cell)

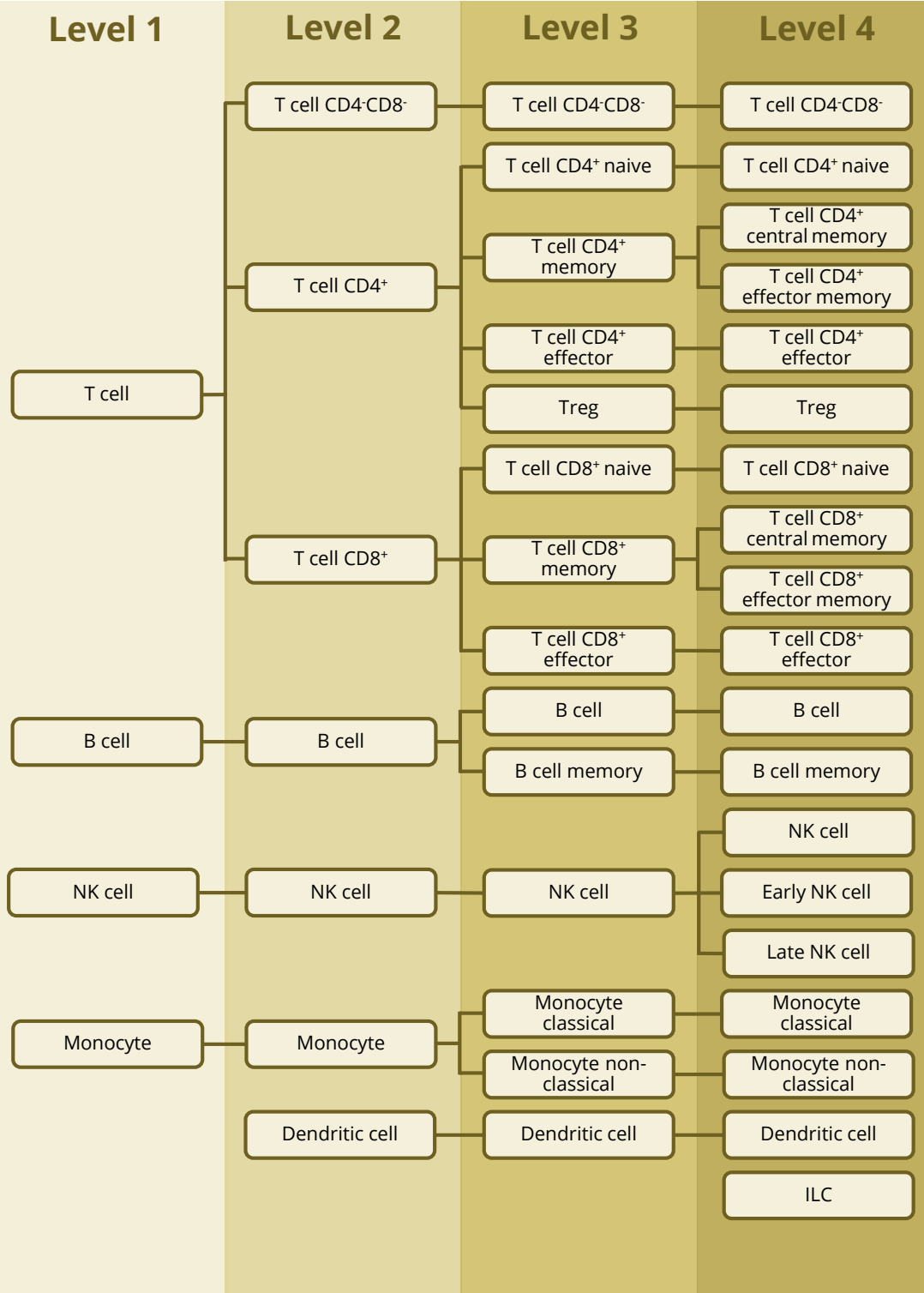


FACS sorting live cells



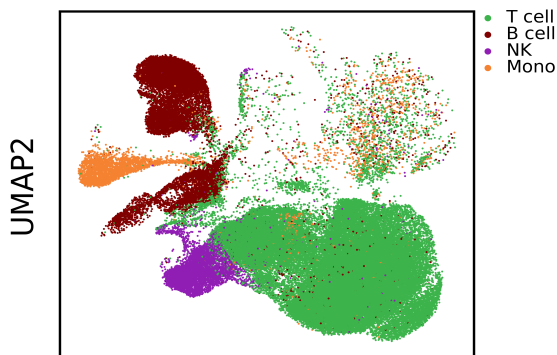
RNAseq (bulk)



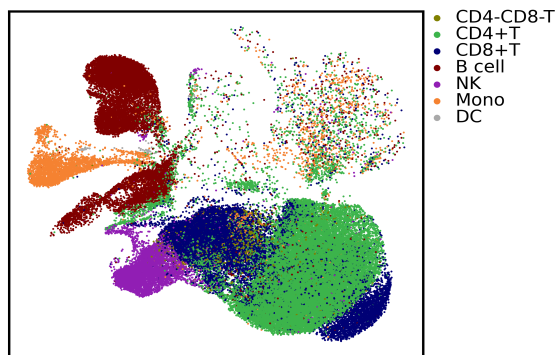


a

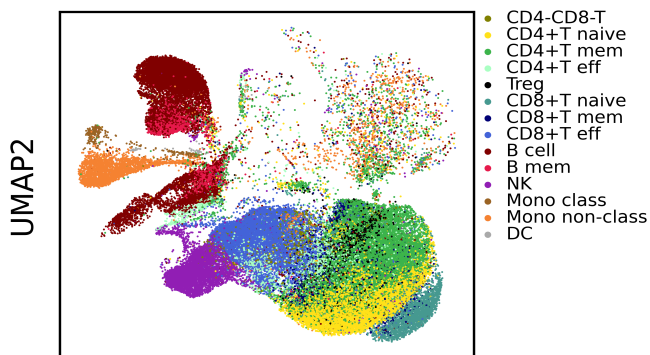
Level 1



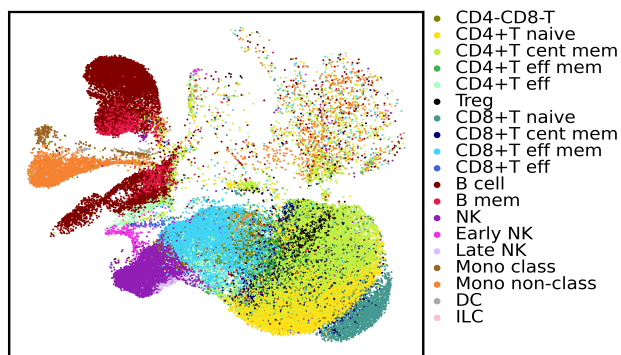
Level 2



Level 3



Level 4

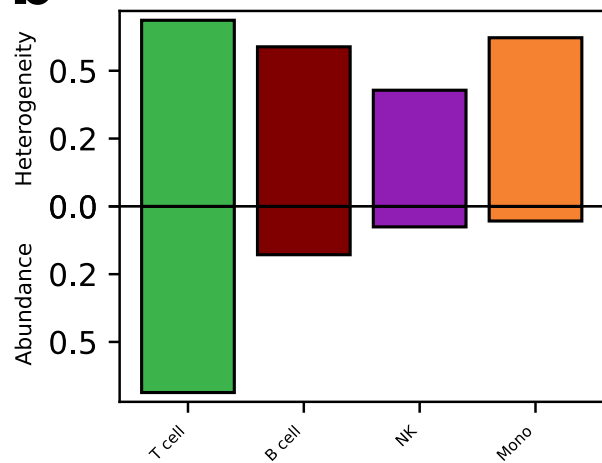


UMAP1

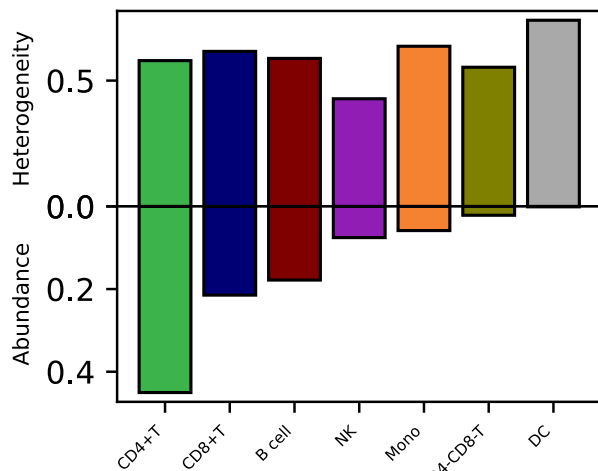
UMAP1

b

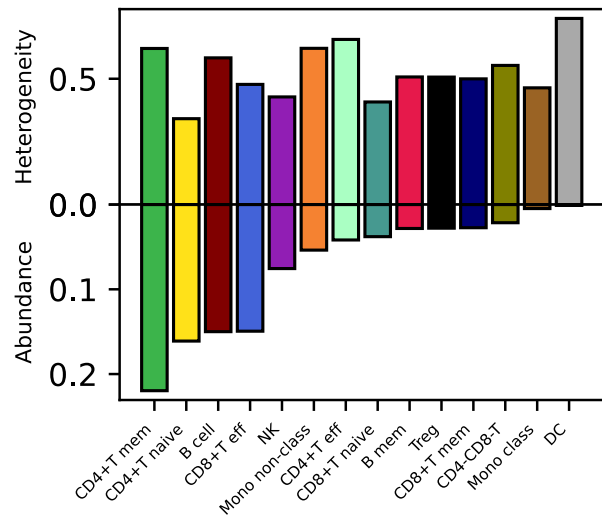
Level 1



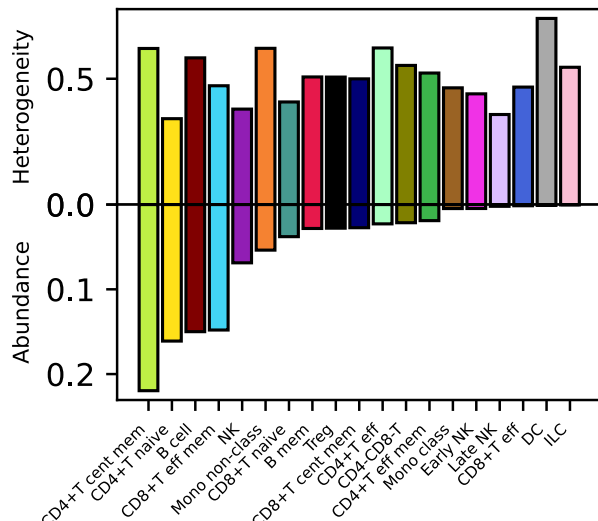
Level 2

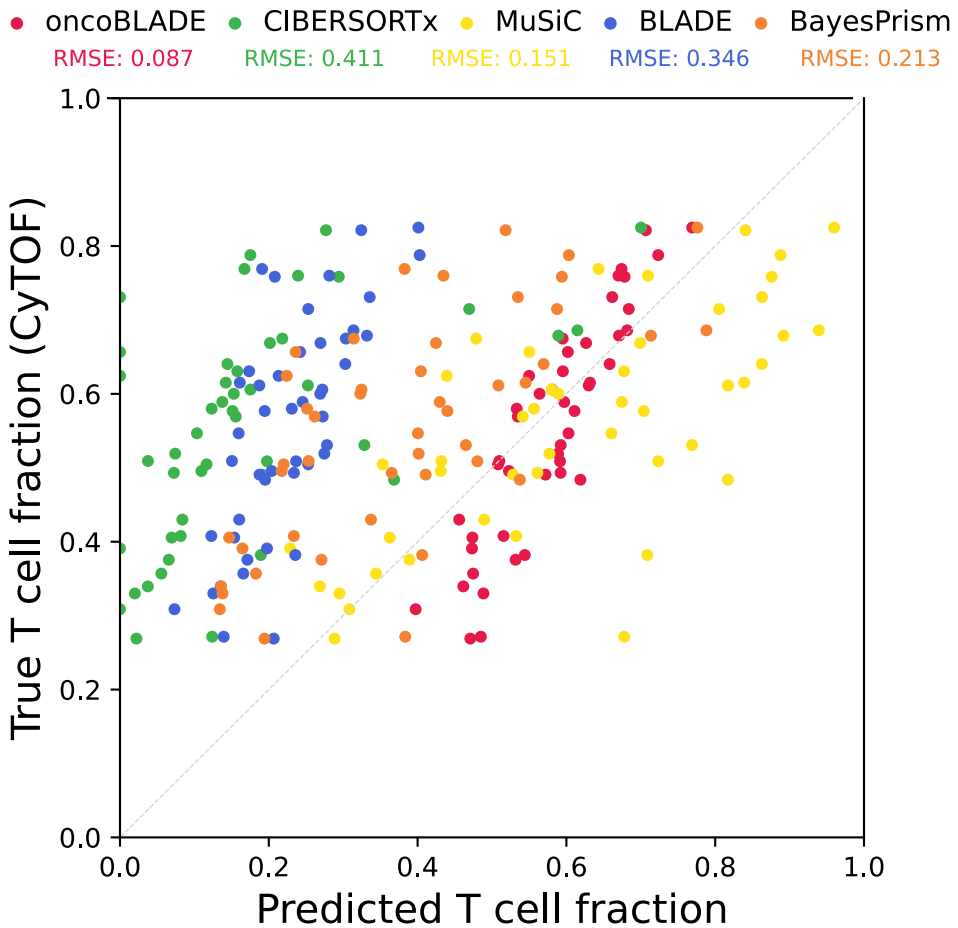


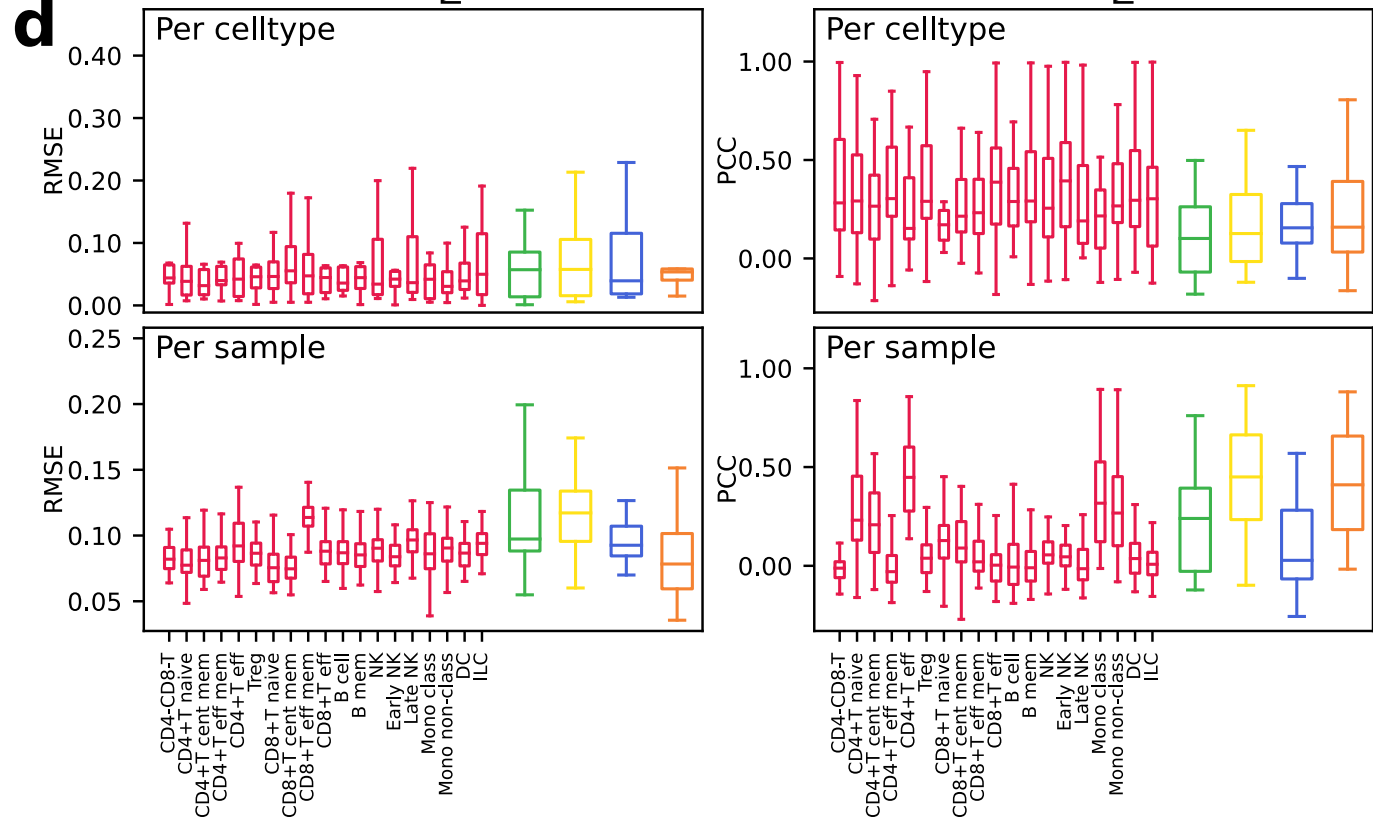
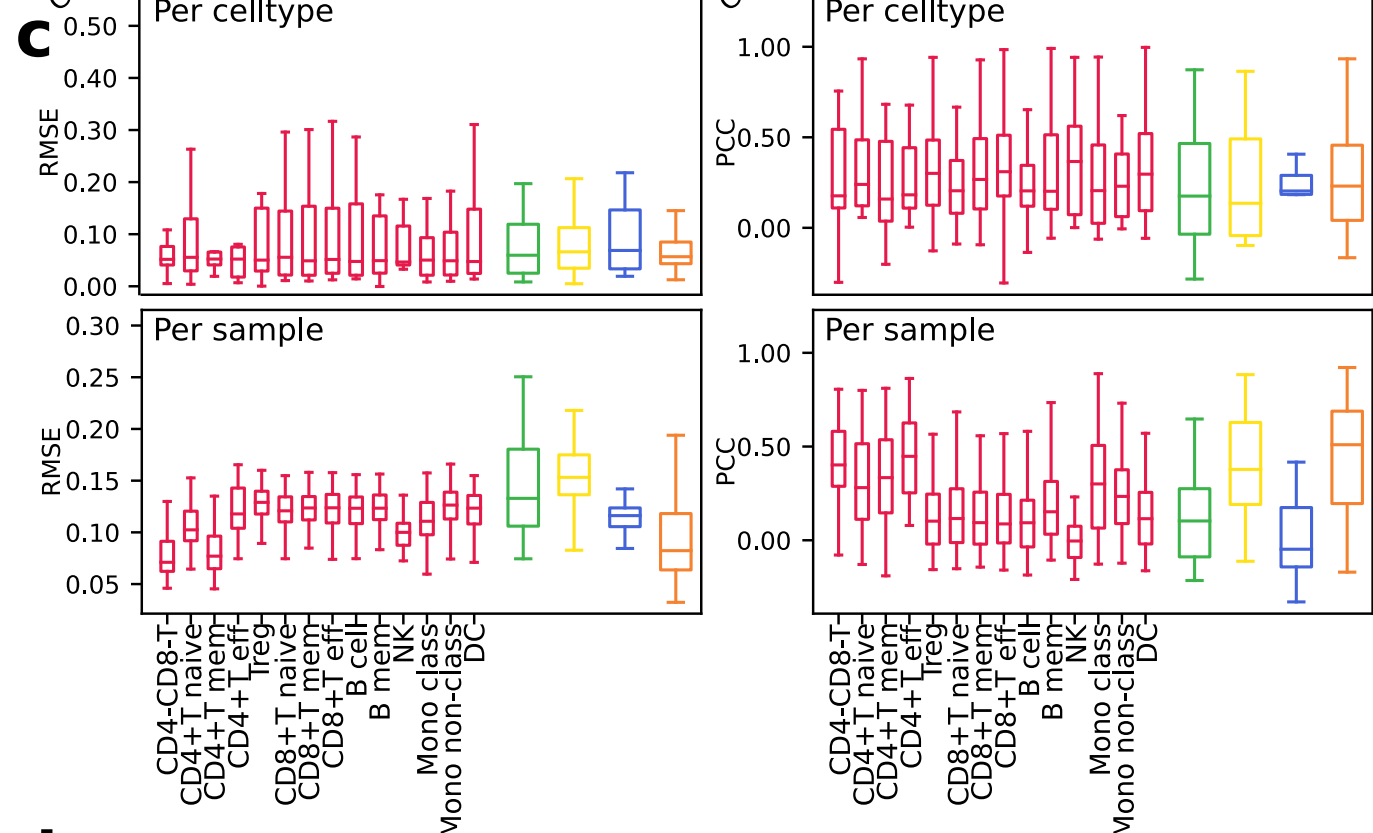
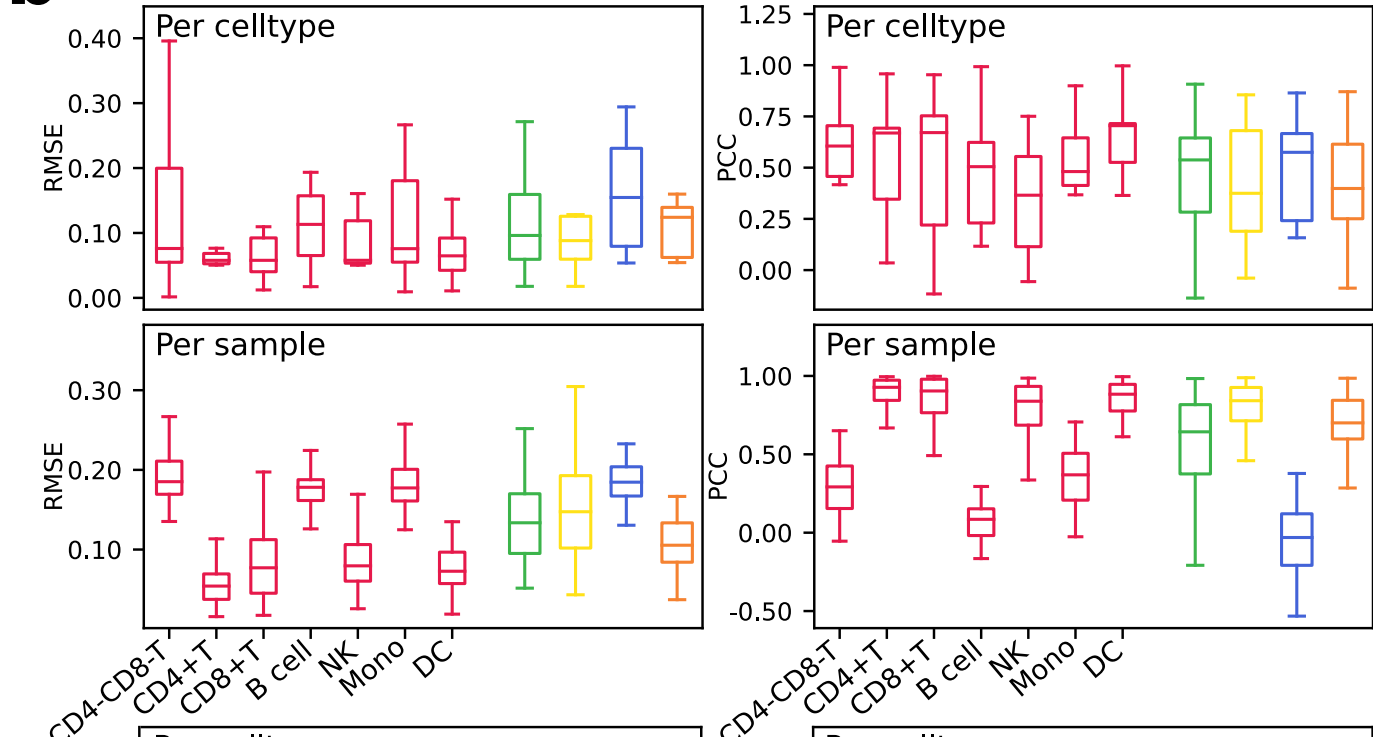
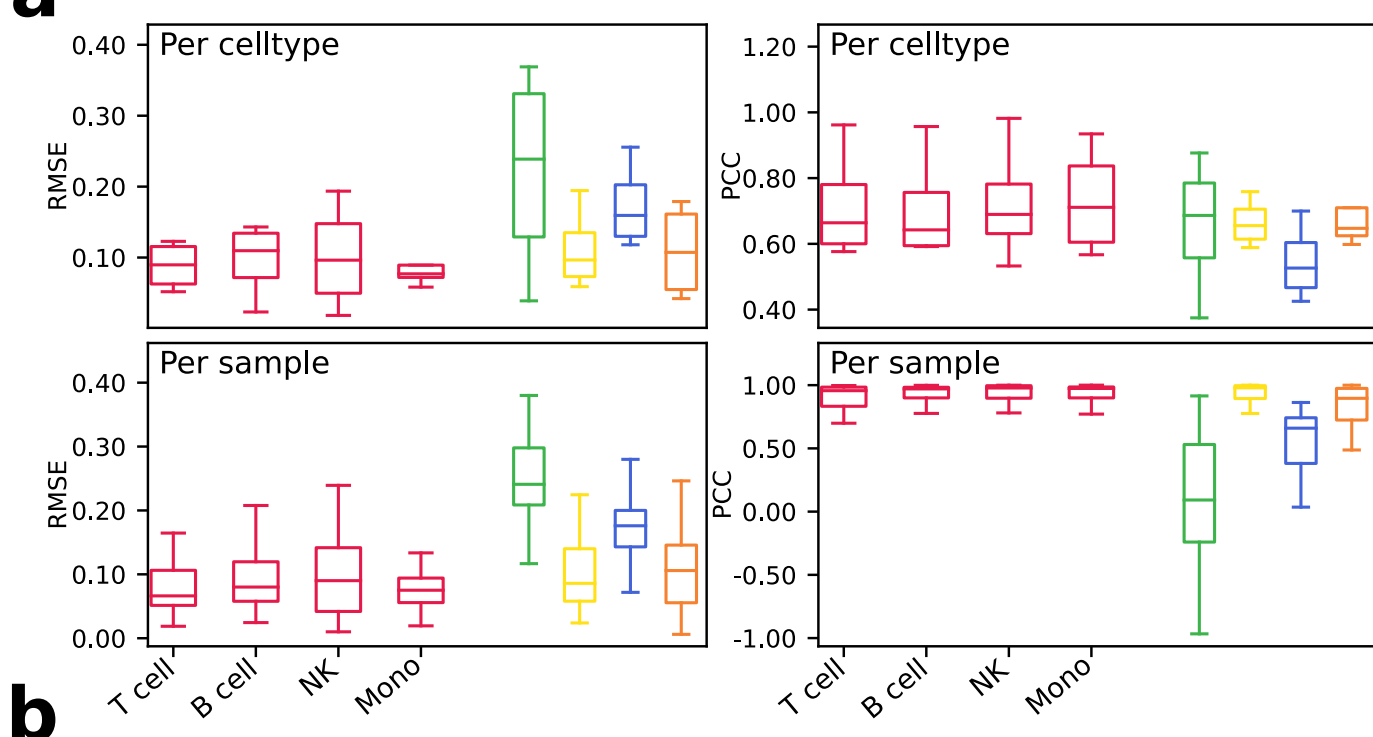
Level 3



Level 4

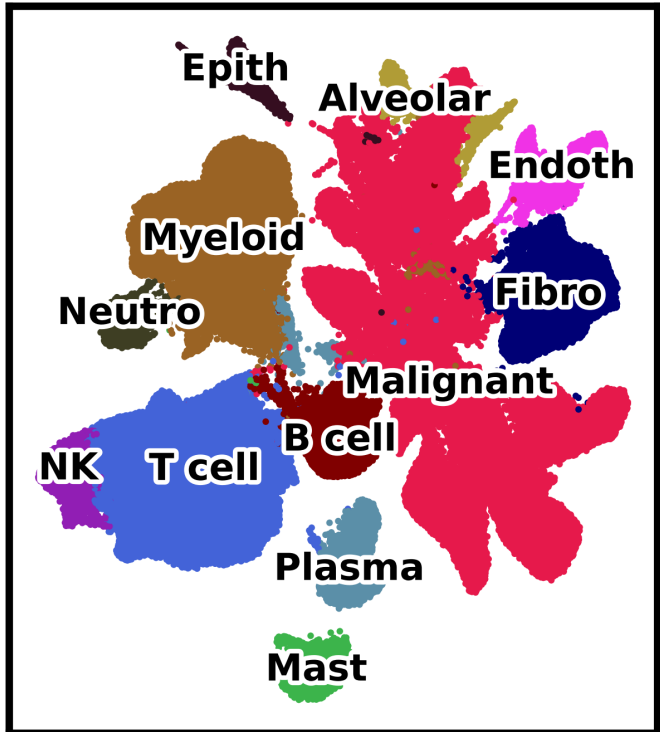
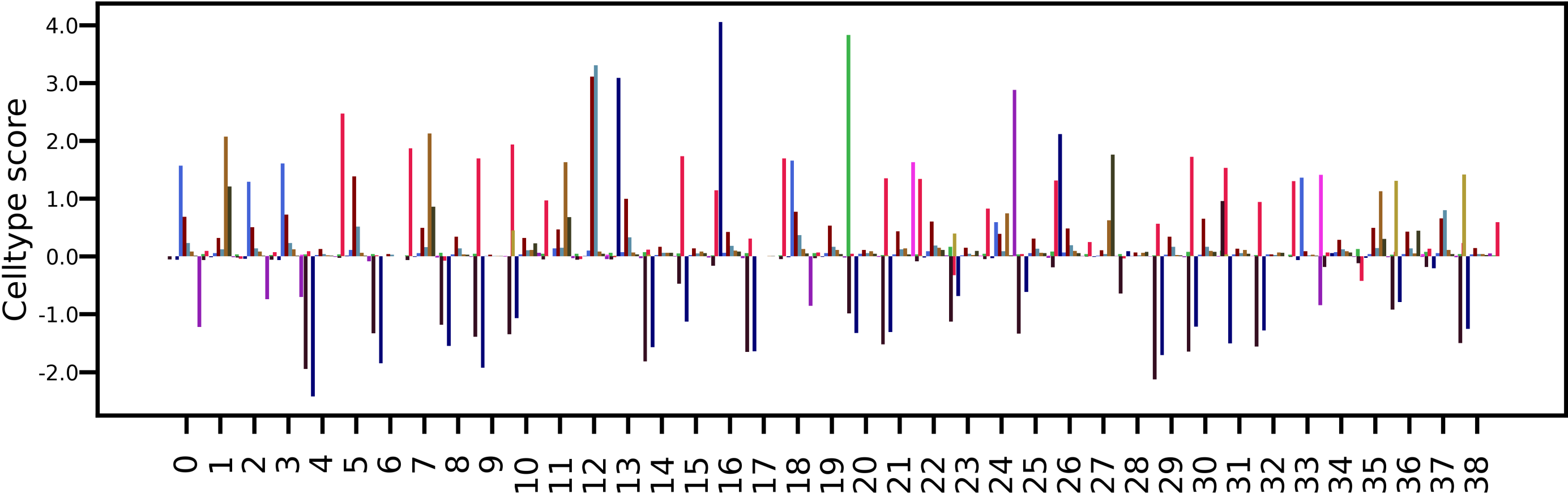
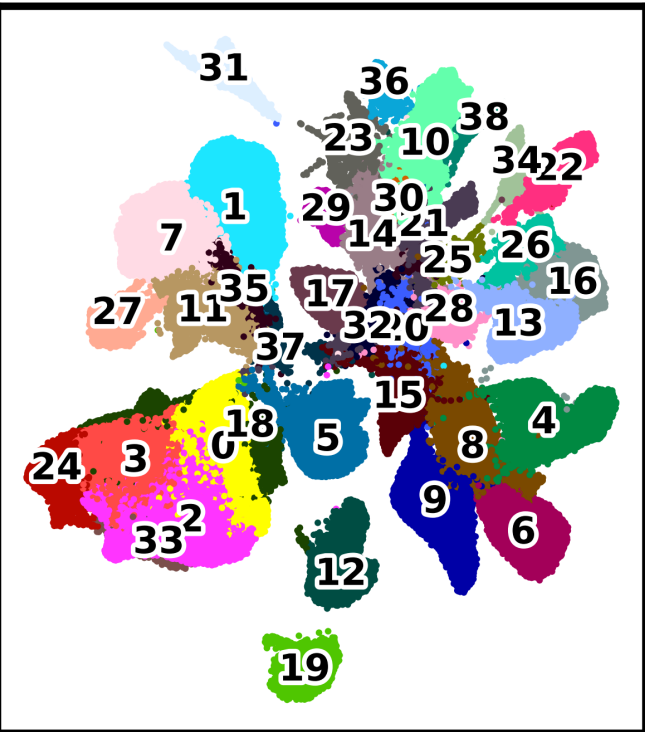






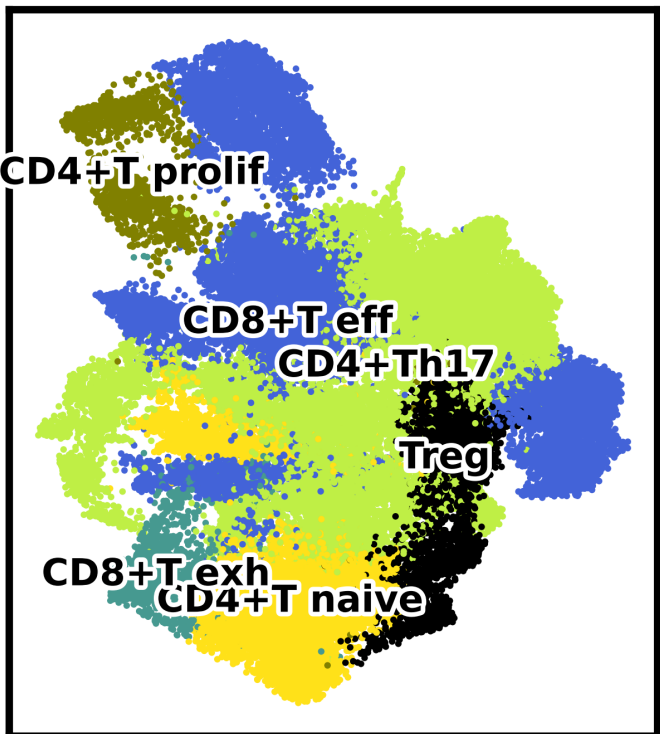
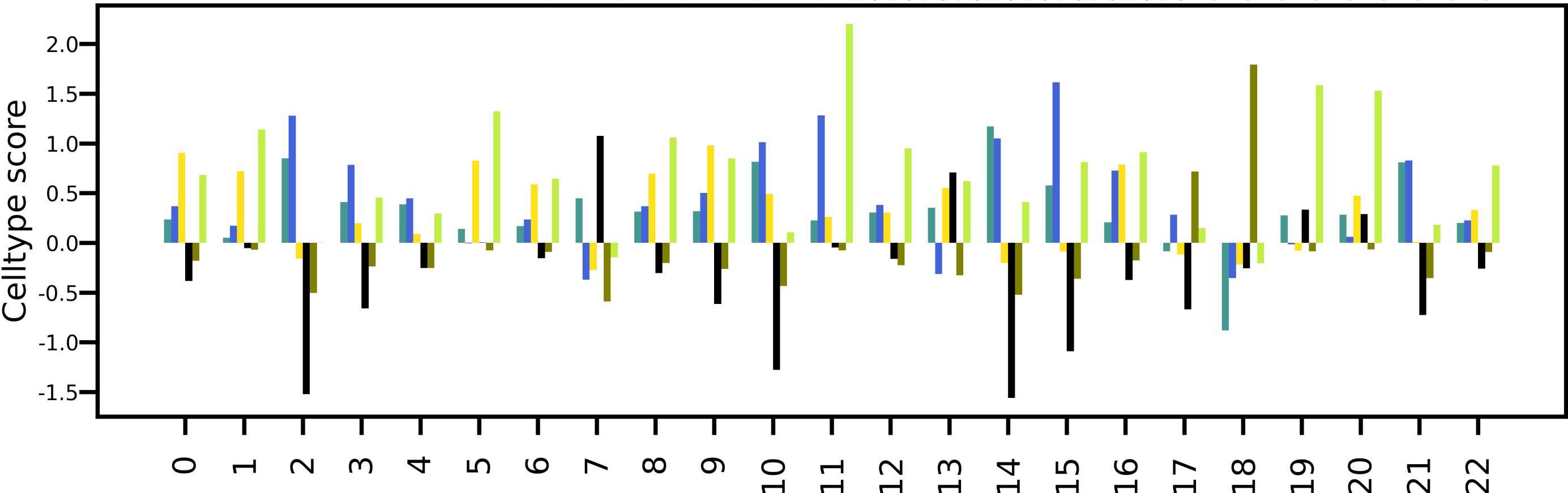
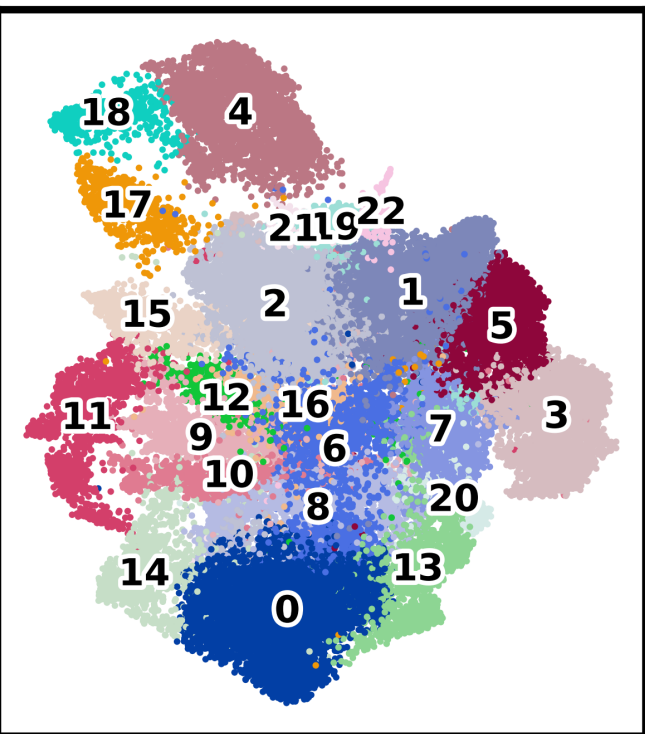
All cells

UMAP 2



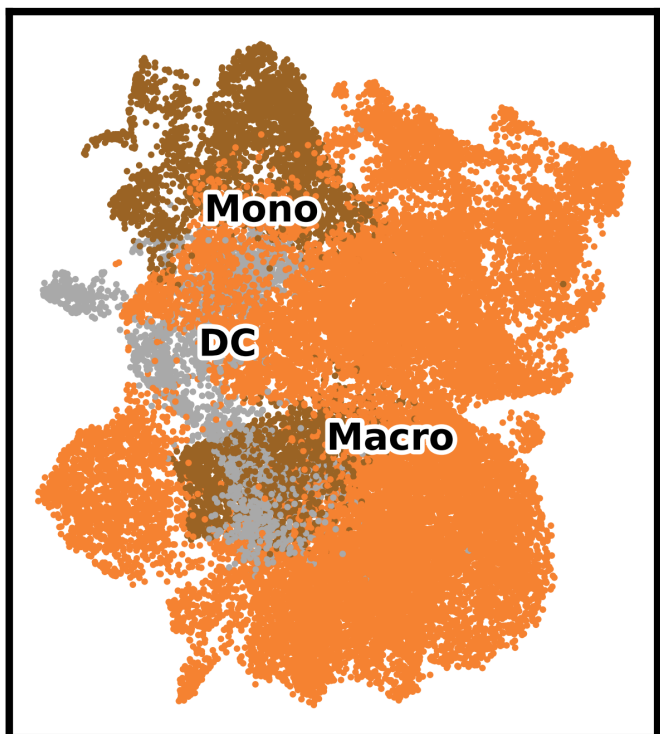
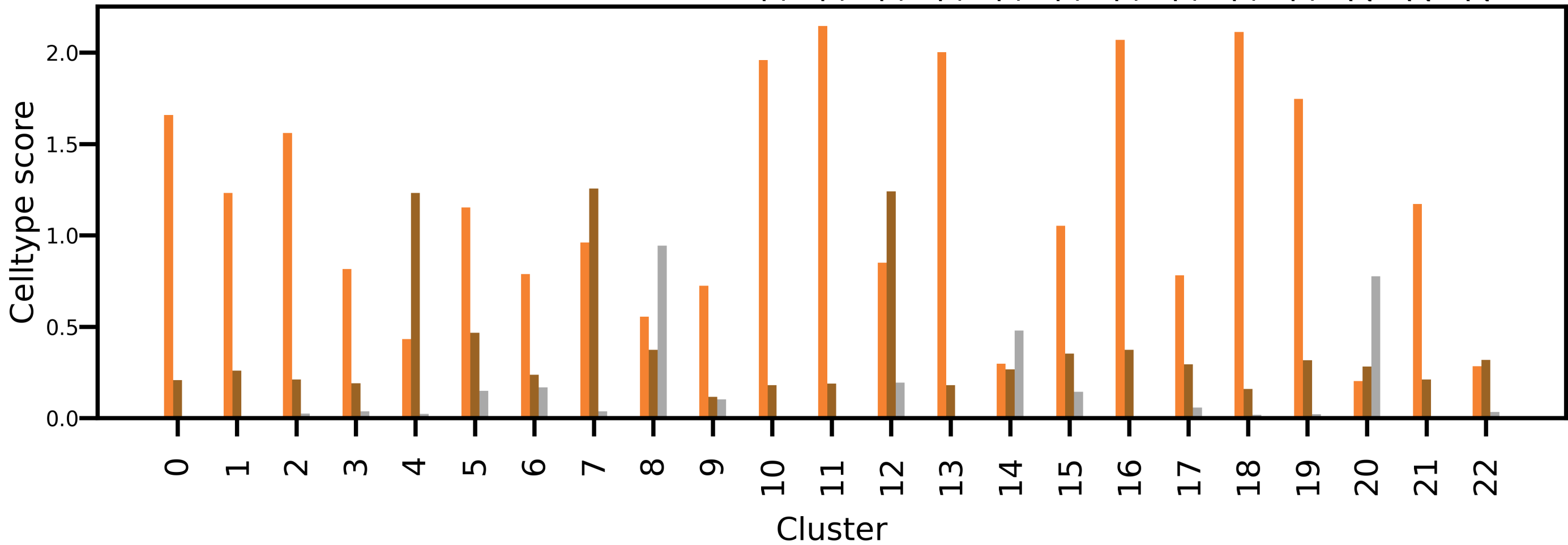
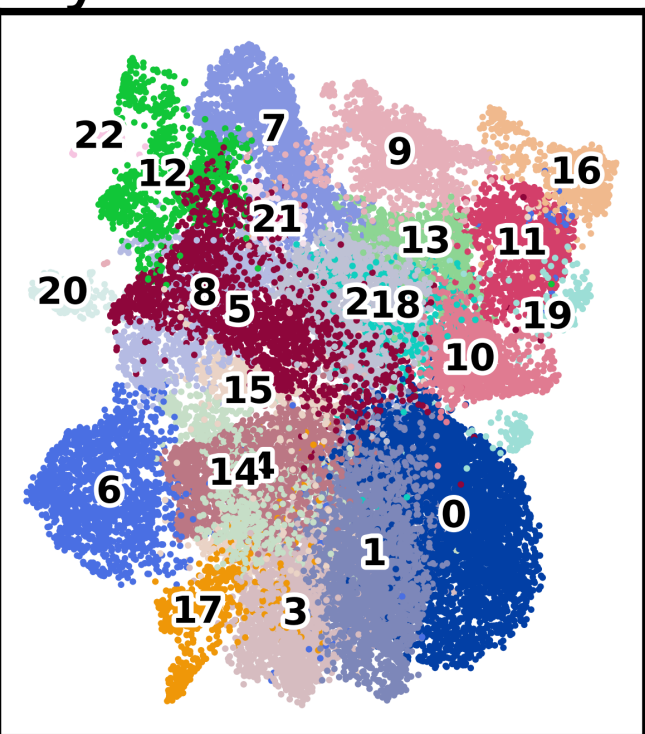
T cells

UMAP 2



Myeloid cells

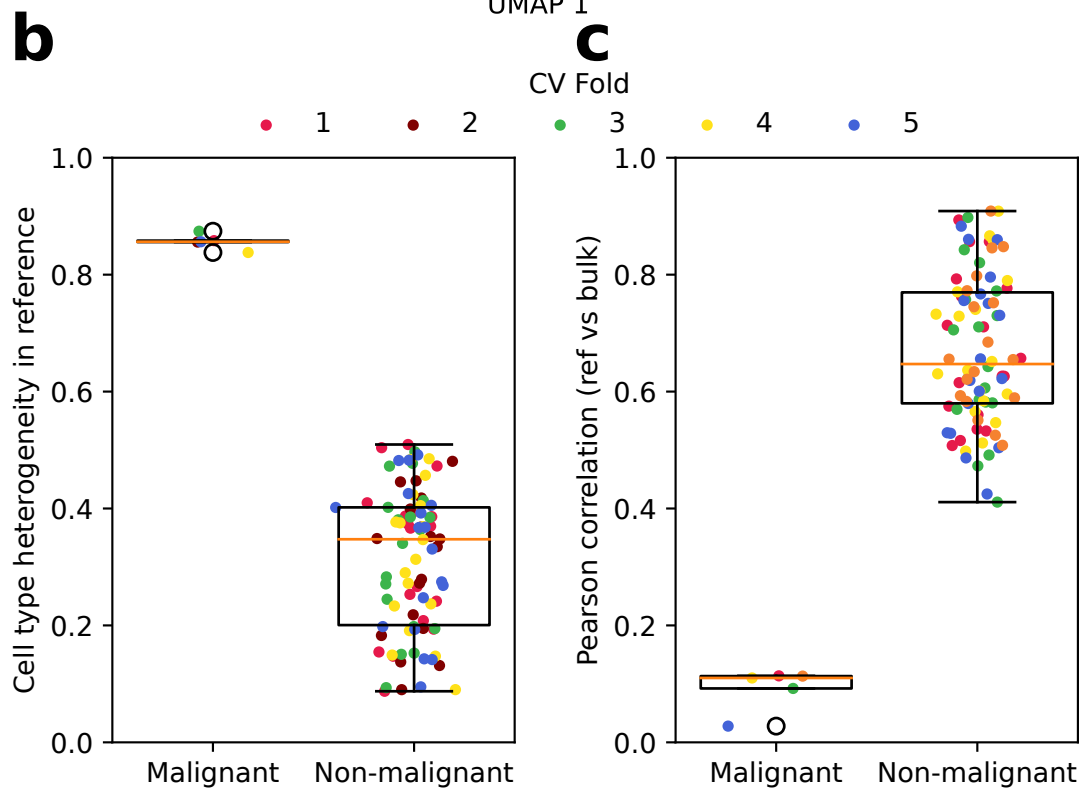
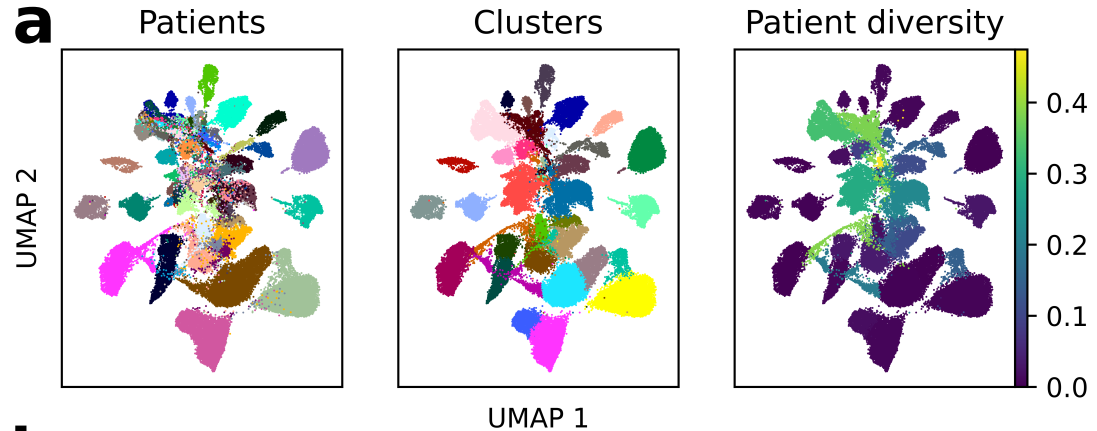
UMAP 2



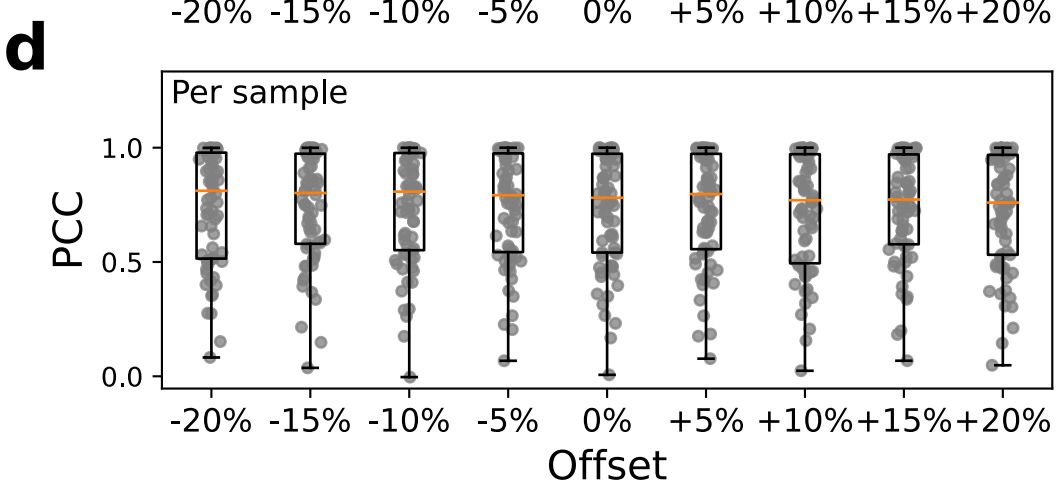
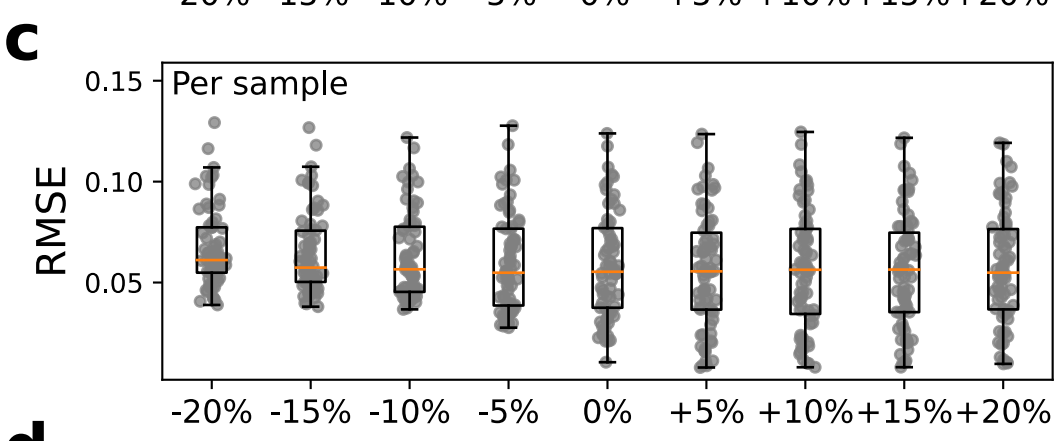
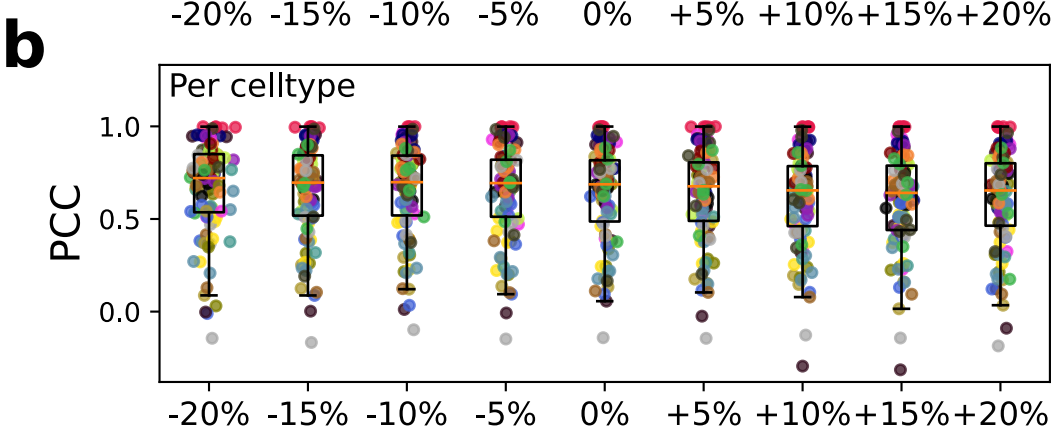
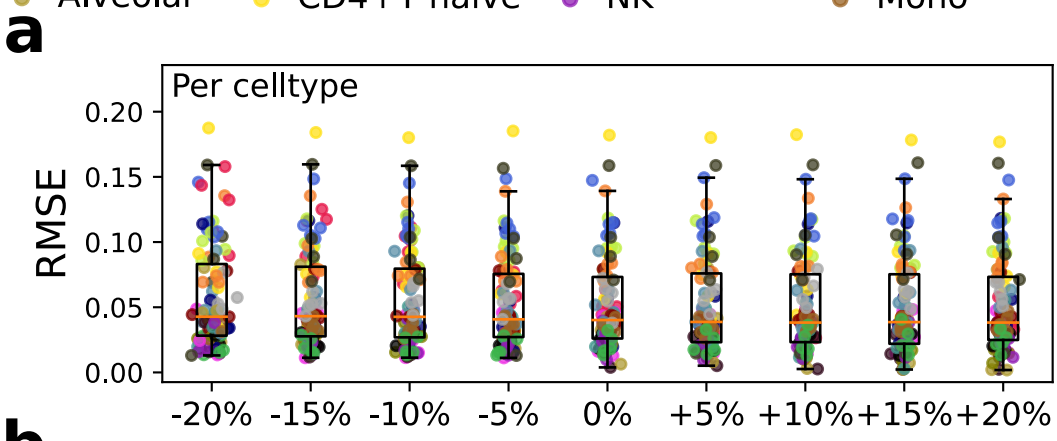
UMAP 1

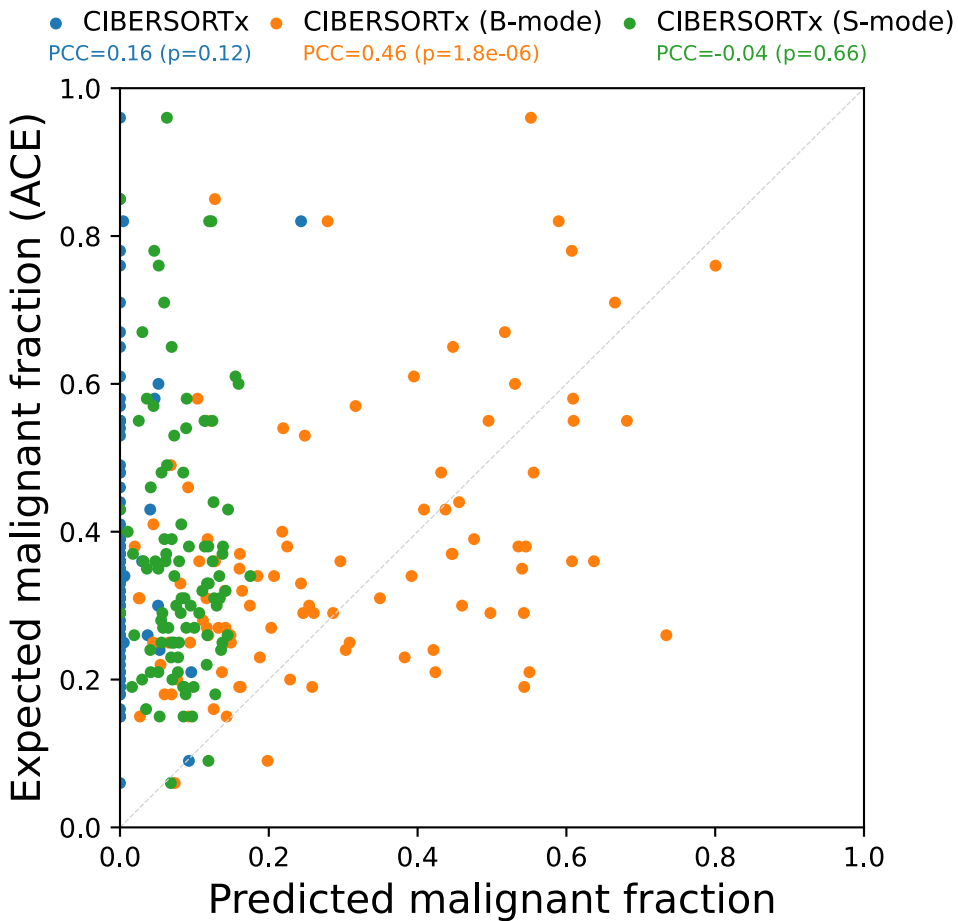
UMAP 1

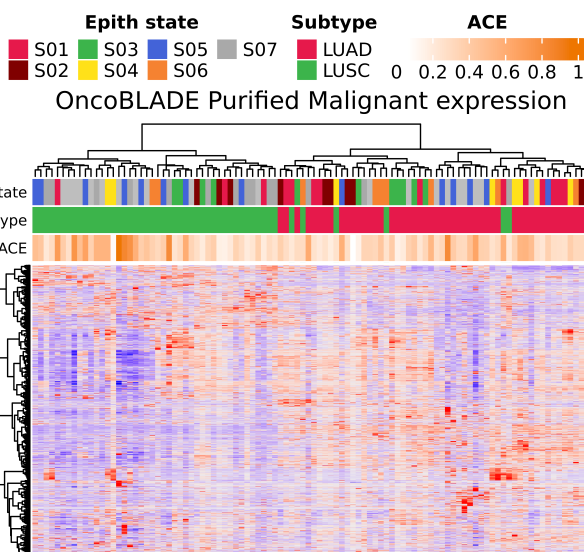
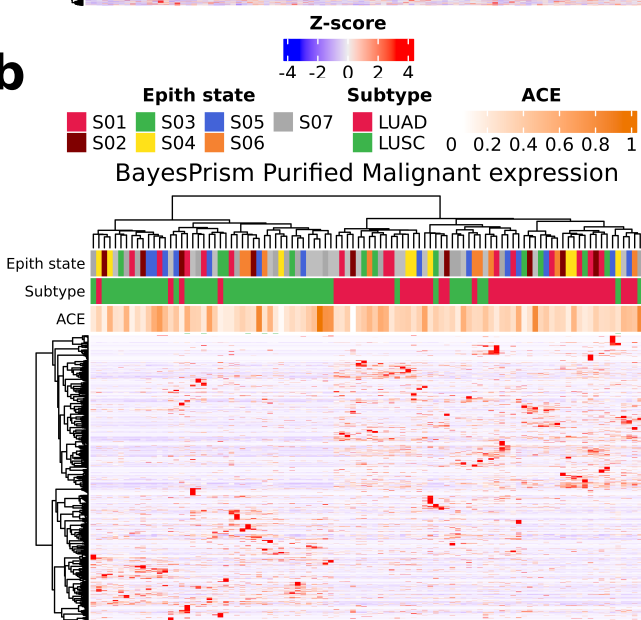
Cluster



- Malignant
- Endoth
- Epith
- Alveolar
- Fibro
- CD4+T prolif
- CD4+Th17
- CD4+T naive
- Treg
- CD8+T exh
- CD8+T eff
- NK
- B cell
- Plasma
- Macro
- Mono
- DC
- Neutro
- Mast





a**b****c**