

Data

Encoder

C Evaluation Datasets

Non-Disease

Blood scTab (non-disease subset) Fischer et al, 2023

Bone Marrow scTab (non-disease subset) Fischer et al, 2023

Cancer

Acute Myeloid Leukemia (AML) Malignant cells from bone marrow van Galen et al, 2019

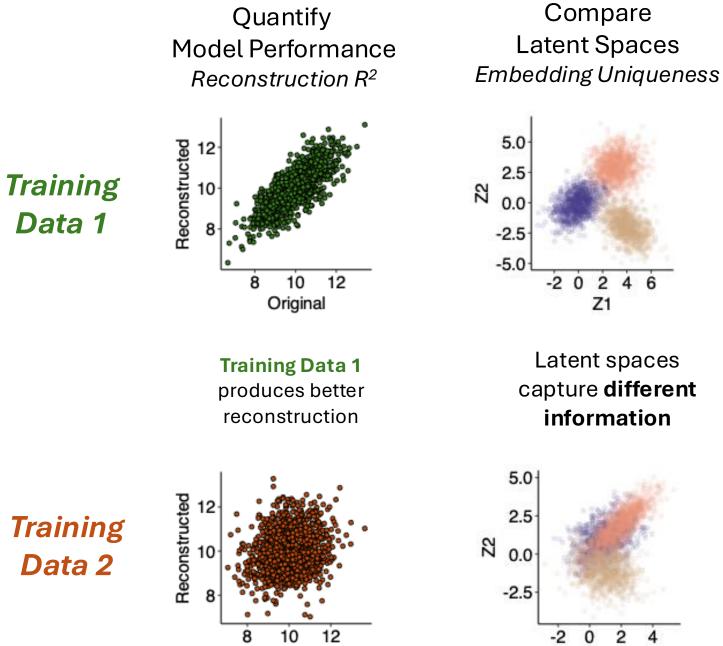
 Squamous Cell Carcinoma (SCC) Malignant cells from skin *Ji et al, 2020*

Z1

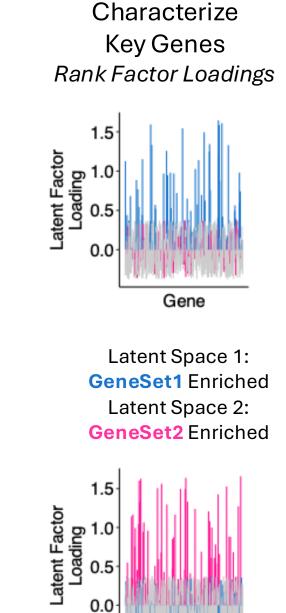
Out-Of-Distribution

 Neurons **BICCN Atlas** Siletti et al, 2023

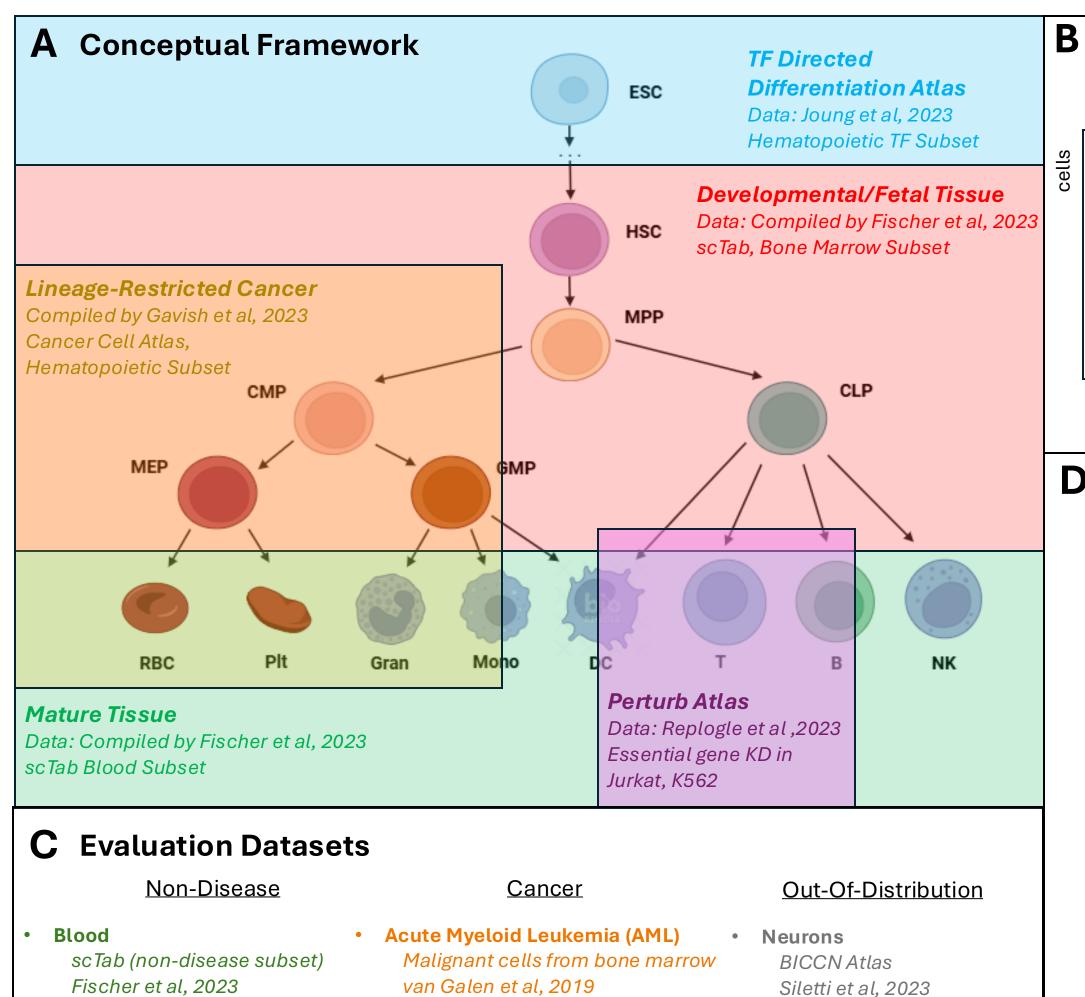
Analysis Strategy



Original



Gene



Squamous Cell Carcinoma (SCC)

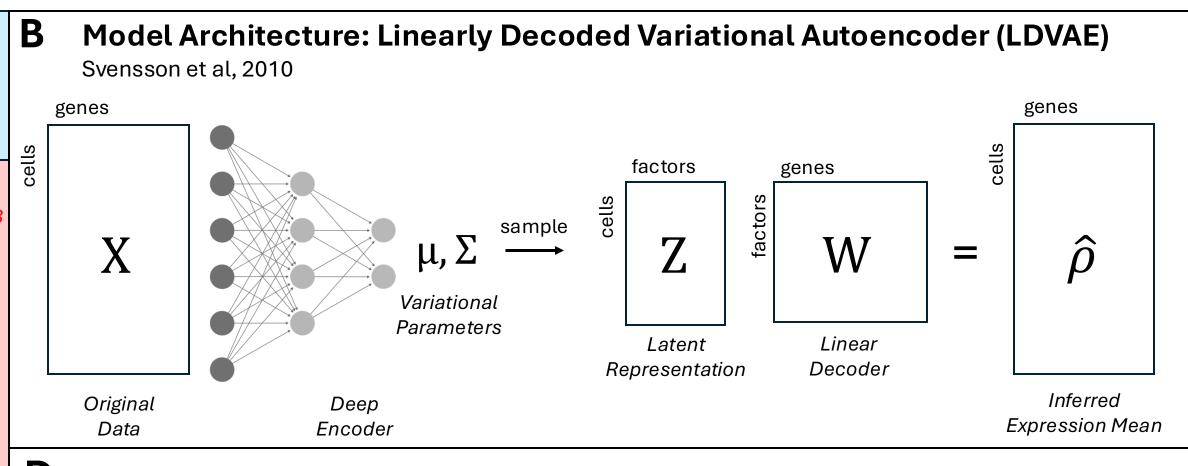
Malignant cells from skin

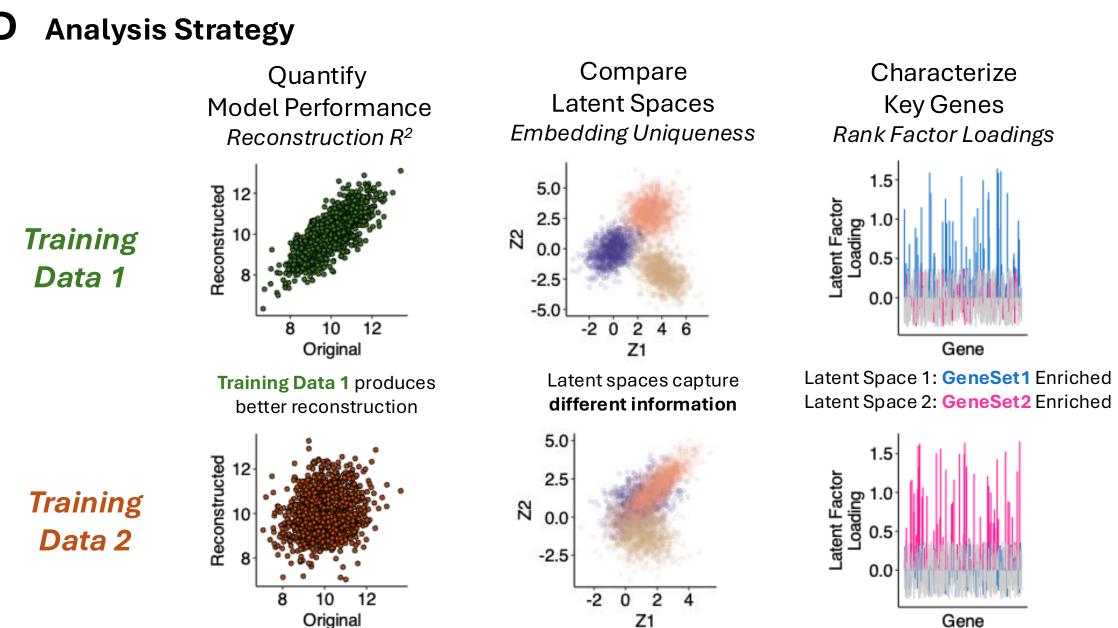
Ji et al, 2020

Bone Marrow

scTab (non-disease subset)

Fischer et al, 2023





Z1

Gene