Nested Stochastic Block Models Applied to the Analysis of Single Cell Data

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April 16, 2021
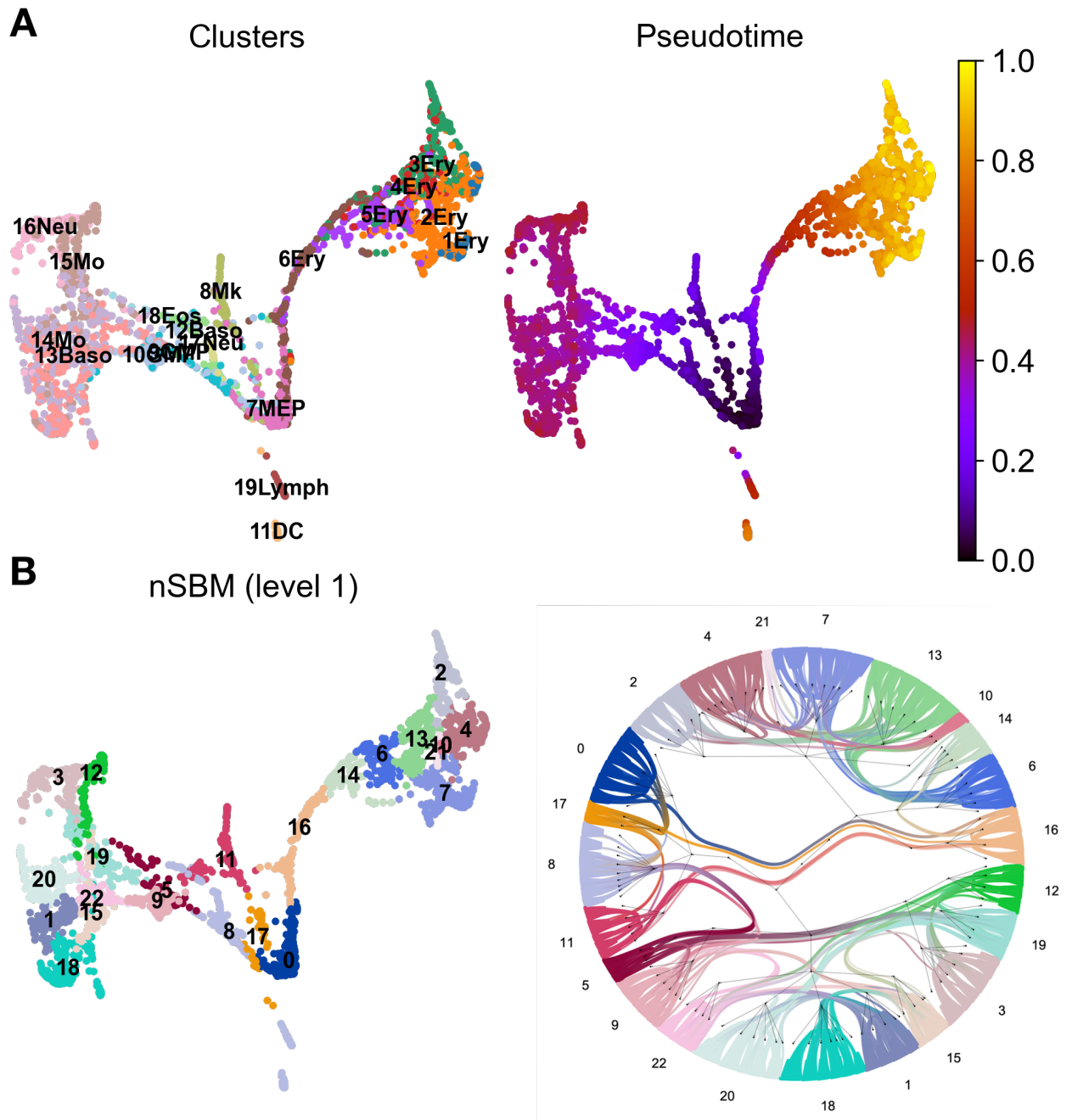
Supplementary figures

A

B

FIGURE S1: Analysis of hematopoietic differentiation. (A) Low dimensional embedding of single cells colored by original cell type and pseudotime. (B) Cells are colored according to the nSBM grouping at level 3 of the hierarchy, next to a radial tree representation of the same model.
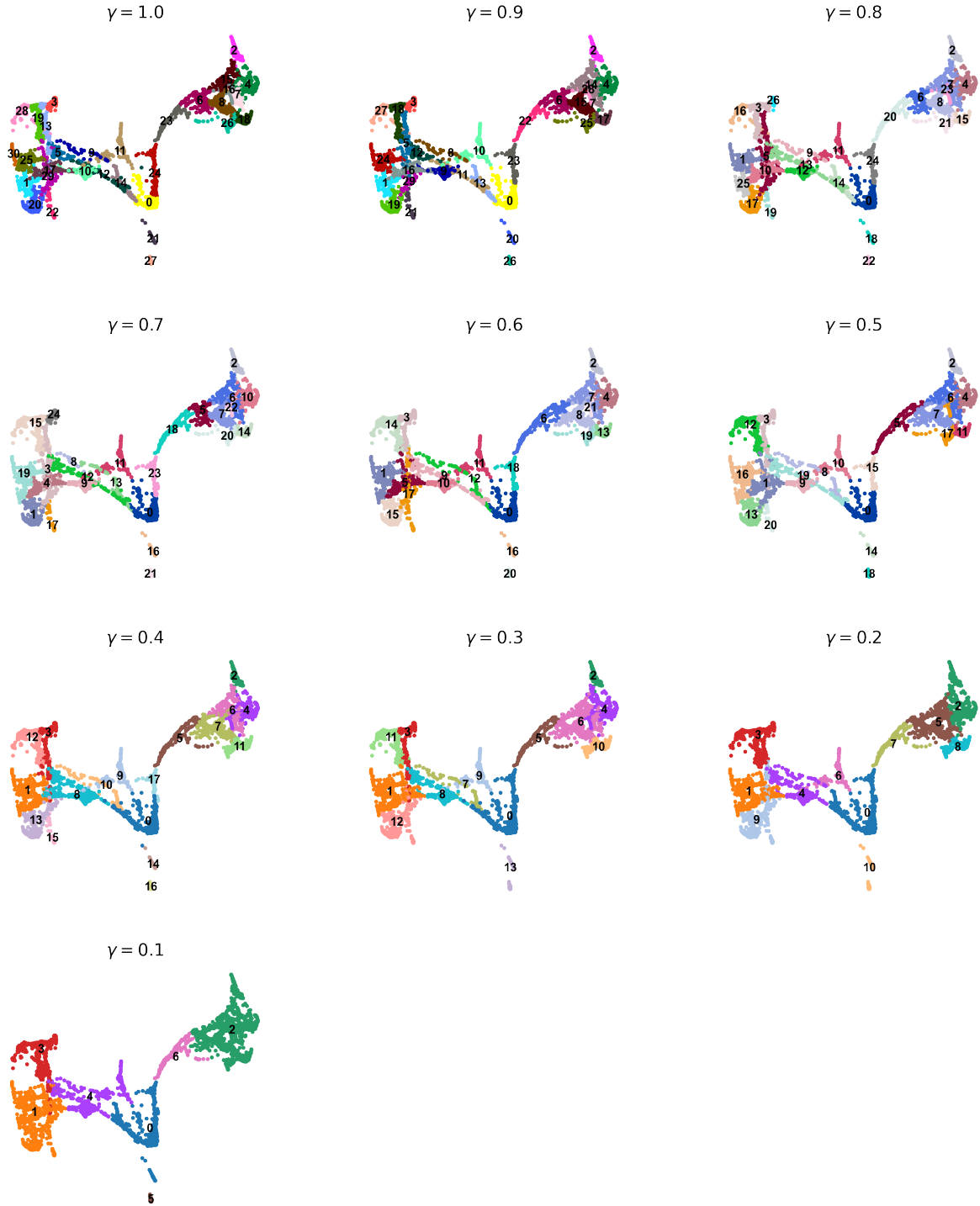
FIGURE S2: Low dimension embedding of single cells for hematopoietic differentiation colored according to Leiden clustering at decreasing resolution, from 1.0 to 0.1. Lowering the distribution does not grant that cells are grouped in a hierarchical way, *e.g.* groups 6 and 8 in the Erythroid branch at resolution $\gamma = 1$ are merged or split at coarser resolutions ($\gamma = 0.6$ and $\gamma = 0.3$)
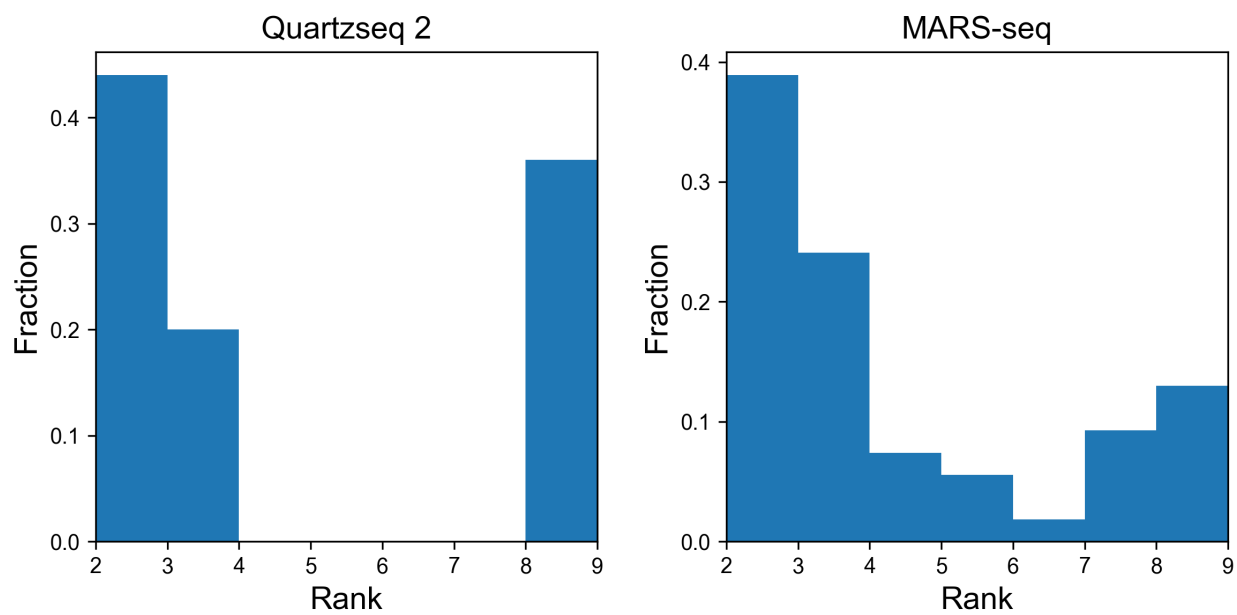
FIGURE S3: TO BE WRITTEN