

Comp790-166: Computational Biology

Lecture 15

March 1, 2022

Good Morning Question

- ① Who can remind us of the connection between hypersphere 'density' and the weights ultimately computed for each hypersphere, w_l ?
- ② **motivation for today's topic:** Imagine we had a bunch of cells over time and an idea of a 'root' cell, or the starting cell. How would you use distances, graphs, trees, etc. to establish an ordering of the cells?

Intermission for Announcements

- Project proposal template is now online https://github.com/natalies-teaching/Comp790-166-CompBio-Spring2022/blob/main/Project_Proposal/Project_Proposal.pdf
- Sign up a time to present your project on March 7 or March 9, <https://docs.google.com/spreadsheets/d/1fX52jKWDWbJ01iB6D7FHv1DNQ53LPs0S8yNCUnUbSwQ/edit?usp=sharing>