

Research Paper 3: Neighbor-Joining

Instructions: read the paper from the website, and with a different partner than before, prepare an explanation for your table/figure. Also prepare one question for the class to answer.

Due: Monday (10/5) in class (we will discuss the paper then). This sheet is for helping you organize your reading, it will not be collected.

There are 3 options:

- Figure 1 and Table 1: explain how Table 1 was generated from Figure 1. Do one example calculation on the board (to obtain one cell of the matrix), using our notation from class.
- Figure 3 and Table 2: explain how Figure 3 was generated from Table 2. Also explain how Table 2 was generated - do one example calculation on the board, using notation from class.
- Results Tables 3-6: summarize the results of Neighbor-Joining compared to the other algorithms. On the board, write out definitions for their metrics: P_c and d_T .

Briefly summarize and critique:

1. Motivation

2. Methodology

3. Results

4. Conclusions

What vocabulary from the paper were you unfamiliar with?