

Start Assignment

- This is a quiz of open questions for the third assignment HMM of the course, which will count for **30% of HMM assignment grade (20% for Q1 and 10% for Q2)**. In this assignment, you need to answer 2 questions given below.

[illegible]

obtain through training? Do the different training runs converge to the same parameters? Explain your results. In your discussion, at least include your convergence threshold, iteration limit, and how fast your training runs converged. Tables for prior and posterior probabilities will not be counted towards the word limit. **(Max. 300 words)**

Question 2 (10 points)

Imagine you were able to find structural information for a small subset of your protein sequences. Considering the results of question 1 and the influence that the priors have on the training performance, how would you modify your workflow in order to improve the HMM training? **(Max. 150 words)**