

DeepSF: Deep CNN for mapping protein sequences to folds

Zhiyang's presentation about [1]

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- ① Problem and Knowledge Gap
- ② Problem and Knowledge Gap
- ③ Discussion and Muddy Points

Table of Contents

① Problem and Knowledge Gap

② Problem and Knowledge Gap

③ Discussion and Muddy Points

Problem Definition and Importance

What is the problem that [1] is solving? Why is it important?

Describe the problem.



Why is this problem important?



What are the Knowledge Gaps in [1]?

How would [1] address these knowledge gaps?

List of knowledge gaps:



Table of Contents

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Table of Contents

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Discussion of Experimental Results

What do the experimental results tell us?

Discuss the experimental results.



Muddy Points

What do I not understand about [1]?

What do I not understand about [1]?



References



Jie Hou, Badri Adhikari, and Jianlin Cheng.

DeepSF: deep convolutional neural network for mapping protein sequences to folds.

Bioinformatics, 34(8):1295–1303, April 15 2018.