Convolutional Neural Networks for DNA Sequence Classification

Aim / Hypothesis

Same as before? Just repeat that stuff but with more detail this time.

Computational approaches developed

Convolutional Neural Network – describe specific architecture

Data used

Splice Junction etc – describe and give an excerpt

Current results

Create table of results -- say we beat their time!!!! Say that we’re consulting with Deep Learning experts at Dartmouth to discuss how this happened haha!

To do list

Try even more varying parameters etc, different datasets

Finish off our custom implementation?

Try different ML algorithms – though idk how useful, since current results so good

Expected results

Random stuff about increasing/decreasing performance, etc

References (not included in 3-page limit)

Not many