Oral presentation evaluations

Members of the group:
1. Daryl Boey
2. Kajetan Juszczak
3. Kyle Kimler
4. Sharmishtaa Kumar

Daryl Boey

In his presentation, Daryl presented a paper called "Learning protein multi-view features in complex space". He clearly explained the main concepts of the paper, including the parallel feature fusion, and its main advantages over the serial feature fusion, and showed appropriate figures to illustrate his main points. The slides were easy to follow with the right amount of text and images and the timing of the presentation also met the requirements. Overall, a very good presentation with few improvements needed from my perspective.

Kajetan Juszczak

Kajetan presented a method for transmembrane beta-barrel protein and exposed/buried residue prediction. He discussed the architecture of HMMs used in the prediction and also compared the accuracy to another method PRED-TMBB. The presentation was clear, the material presented orally was very well complemented by minimalistic yet effective figures and the timing met the requirements as well.

Kyle Kimler

Kyle talked about a novel signal sequence prediction method, which uses deep convolutional neural networks to identify the signal peptide and HMMs to locate the cleavage site, and compared its accuracy to the benchmark SignalP. He showed two figures in the article to illustrate his main points and explained them in detail which made the main concepts easier to understand. While the oral presentation was clear and concise, it could be improved with a slideshow to complement it. This would make the content easier to follow and understand for the audience.

Sharmishtaa Kumar

Sharmishtaa prepared a presentation on MEMPACK prediction method and described how it can be used to predict the helix-helix interactions in the membrane proteins. She did a very good job at explaining how the method works and showed some effective figures to illustrate her point. A minor point of improvement could be to include less text in the slides. This would result in a better and more balanced flow of the presentation.