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| MSc supervisory meeting summary | | |
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| Location: | Microsoft Teams |  |
| Date: | 01/06/2023 |  |
| Time: | **13:00-13:30** |  |

# Summary of discussion

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|  | Item | **Brief Description** | **Action required** |
|  | 2-week sprint expectation | On the given dataset, perform data rebalancing via under-sampling the majority class (within each cluster), perform data splitting on each cluster via grouped cross validation. Lastly, learn preprocessing transformations, which will mostly be scaling and feature selection. This is the main task for the following 2 weeks until 15/06/2023. | Perform data rebalancing, data splitting and learn preprocessing on given dataset (most likely HIV dataset). |
|  | Discussion if work finished early | If the previous item is done before the scheduled meeting on 15/06/2023, contact Felipe Campelo. Then the previous steps will be done on another dataset or development of the genetic programming classifier will start, depending on the discussion with Felipe Campelo. | Contact Felipe Campelo if development is finished early for further plan |
|  | Overview of the whole project | The timeline of the whole project was discussed, expectation of each 2-week sprint was established until August. 01/06 to 15/06 as previously mentioned. 15/06 to 29/06 fit and refine GP classifier created (using gplearn). 29/06 to 13/07 final performance calculation on GP classifier and performance from Bepipred 3.0 calculated and compared. The rest of the time used for dissertation writing, a large block of time left so work can be performed on larger dataset (if finished early) or in-case of work disruption. | None |
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## Additional information

Lucid board created with general project structure which can be edited as needed. Lucid board link available on Slack. Look through the 2019 paper which documents all current methods of linear B-cell epitope prediction.

## Sign off

Navroop Singh [ X ] Felipe Campelo [ X ]