

StatVKII

survival analysis

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1 Ordre du jour

1. 9:00: Presentation de cheat-sheets (Fred)
2. 9:10: Presentation de la plateforme github (Cesaire)
3. 9:30: Discution sur le concept, organisation
4. 10:30: Partie 1 - Survival svm
5. 12:00: Pause et rafraichissement
6. 12:40: Partie 2 -survival svm
7. 14:40: Echange et rafraichissement

2 Survival analysis with mlr package

1. Make a quick R research and available packages implementing survival model.
Avoid to return the evidences *survival* and *survivalsvm*.
2. Check if your learner is available in the *mlr* packages.
3. Wrap another version of your learner in *mlr*.
4. Load the *veteran* data set from package *survival* and conduct necessary preprocessing steps.
5. Split the data set in train and test data set.
6. Train a model on the train data and do prediction for the test data set.

7. Compute the performance of your model using an appropriate measure of your choice.
8. Conduct a benchmark experiment for your learning using *mlr*.

Note: Visiting <https://github.com/StatVKII/survival-analysis/tree/master/survival-svm/> **R** can be helpful.