

# StatVKII

## survival analysis

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August 10, 2017

### 1 Survival analysis with *mlr* package

1. Make a quick R research to find available packages implementing survival model.  
Avoid to return find the evidences *survival* and *survivalsvm*.
2. Check if your learner is available in the *mlr* packages.
3. Wrap anathoer version of the same leaner 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 benchmak experiement for your learning using *mlr*.

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