

Machine Learning II: Assignment #3  
14 performance points (max),  
email: PDF+code to jan.nagler@gmail.com  
due: Mon, May 11, 2020

1. Comments

Do not submit to my FS email address. Use my gmail address. Submissions with your full name in the filename only. If you team up, declare this with the 2 full names in the email to me and in the code in the first paragraph. Minimally comment your code. Attend the lecture on time. Thank you for your comments and feedback over email and Zoom meetings.

2. Random projections

Based on the program developed in the lecture (SparseRandomProjections), analyze a database of your choice (but not exactly the same digits data as in the lecture) using random projections.

Study the accuracy (or a score of your choice that makes most sense for your data) as a function of the number of dimensions / features that survived the random projection.