

Mining massive Datasets WS 2017/18

Problem Set 6

Rudolf Chrispens, Marvin Klaus, Daniela Schacherer

November 29, 2017

Exercise 01

(a)

- global effects: The recommendations by this system would be very general. Since the algorithm use just biases it's not really exact which movies to suggest a user. Therefore in the recommendations there are more likely exotic items (because high rated movies with no connection to rated movies by the user can be in the list).
- regional effects: With this system there are movies recommended that are in the same genre or have something similar to the rated movies of the user.
- local effects: With this system there will be just movies recommended that are similar to the rated movies of an user.

Exercise 02

Exercise 03

Exercise 04

Exercise 05

Exercise 06