Endsem   Collaborative Filtering

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PHD 1327

ALS Fold 1	Results
Alternating least squares after baseline correction	0.0556 after 5x10 iterations
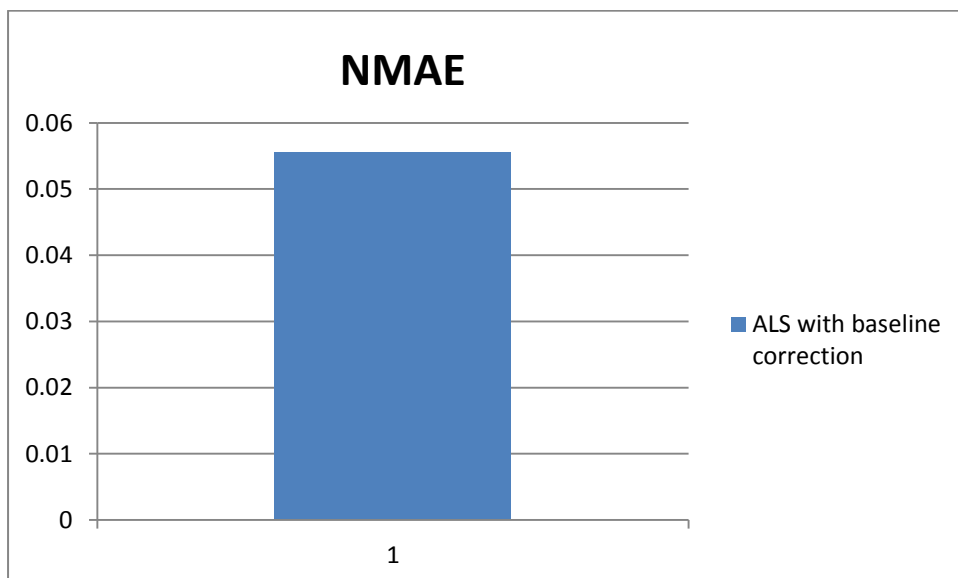
Attached Matlab script Check_1.m computes baseline correction by calculating baseline using user and item bias, it also imports all the datasets. After this subtracting baseline to get interaction matrix was done in check_2.m.

Than matrix factorization is performed using Alternating least squares after baseline correction up to 50 iterations. As predicted the results are much better.