Fold1:

For rank 5:

RMSE = 0.890537513496

MSE = 0.793057062943

For rank 10:

RMSE = 0.890754564044

MSE = 0.793443693366

For rank 15:

RMSE = 0.893954599766

MSE = 0.799154826444

The best model was trained with rank 5

MAP = 0.938250875887

Fold2:

For rank 5:

RMSE = 0.892326344421

MSE = 0.796246304949

For rank 10:

RMSE = 0.892446139801

MSE = 0.796460112447

For rank 15:

RMSE = 0.889780691573

MSE = 0.791709679096

The best model was trained with rank 15

MAP = 0.93821768573

Fold3:

For rank 5:

RMSE = 0.89243802702

MSE = 0.796445632071

For rank 10:

RMSE = 0.890432386621

MSE = 0.792869835144

For rank 15:

RMSE = 0.891843015325

MSE = 0.795383963983

The best model was trained with rank 10

MAP = 0.938197439113

Fold4:

For rank 5:

RMSE = 0.890537513496

MSE = 0.793057062943

For rank 10:

RMSE = 0.890754564044

MSE = 0.793443693366

For rank 15:

RMSE = 0.893954599766

MSE = 0.799154826444

The best model was trained with rank 5

MAP = 0.937968254733

Fold5:

For rank 5:

RMSE = 0.894315806835

MSE = 0.799800762355For

For rank 10:

RMSE = 0.893112288562

MSE = 0.79764955998

For rank 15:

RMSE = 0.891690441286

MSE = 0.795111843081

The best model was trained with rank 5

MAP = 0.938260992654

Recommendation Movies:

TOP recommended movies (with more than 30 reviews):

(u'Life Is Beautiful (La Vita \xe8 bella) (1997)', 4.583838949398797)

(u'"Civil War', 4.583218851959873)

(u'Seven Up! (1964)', 4.520473260410091)

(u'John Mulaney: New In Town (2012)', 4.517056416951567)

(u'Alone in the Wilderness (2004)', 4.504548270754453)