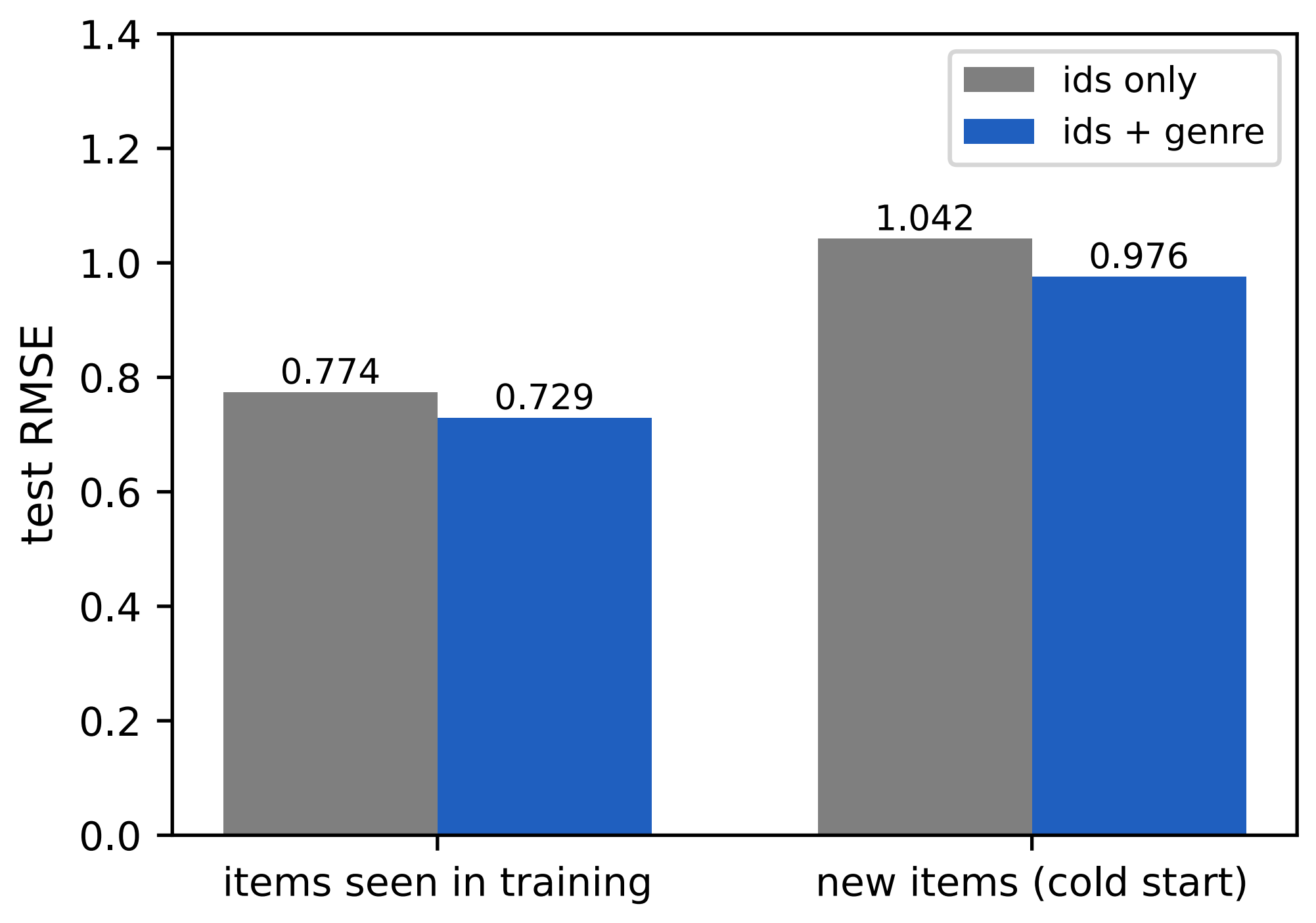

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
test RMSE
ids only
ids + genre
0.774
0.729
1.042
0.976
items seen in training
new items (cold start)