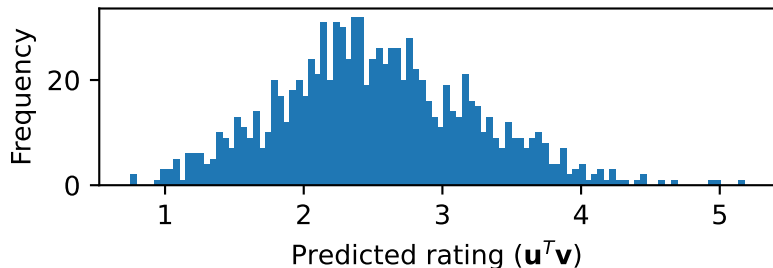
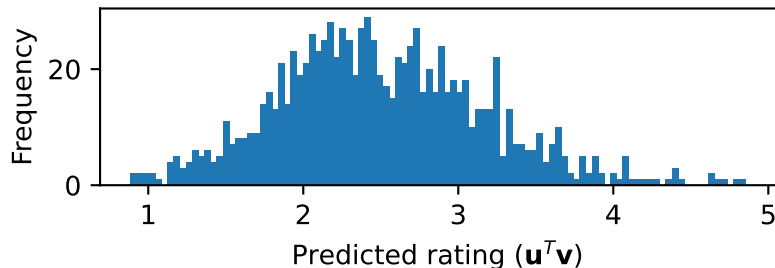


Four histograms of the dot products of 1000 randomly initialized user and item vectors

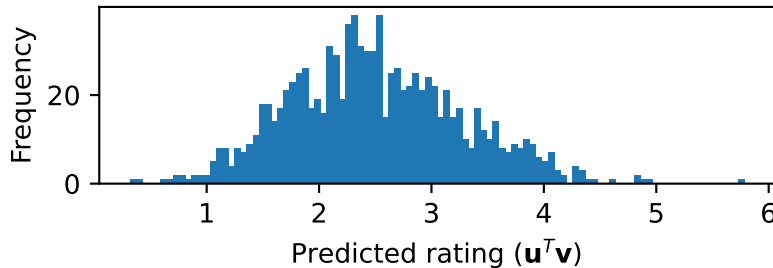
$k = 1$ and $\lambda = 0.1$



$k = 2$ and $\lambda = 0.1$



$k = 5$ and $\lambda = 0.1$



$k = 20$ and $\lambda = 0.1$

