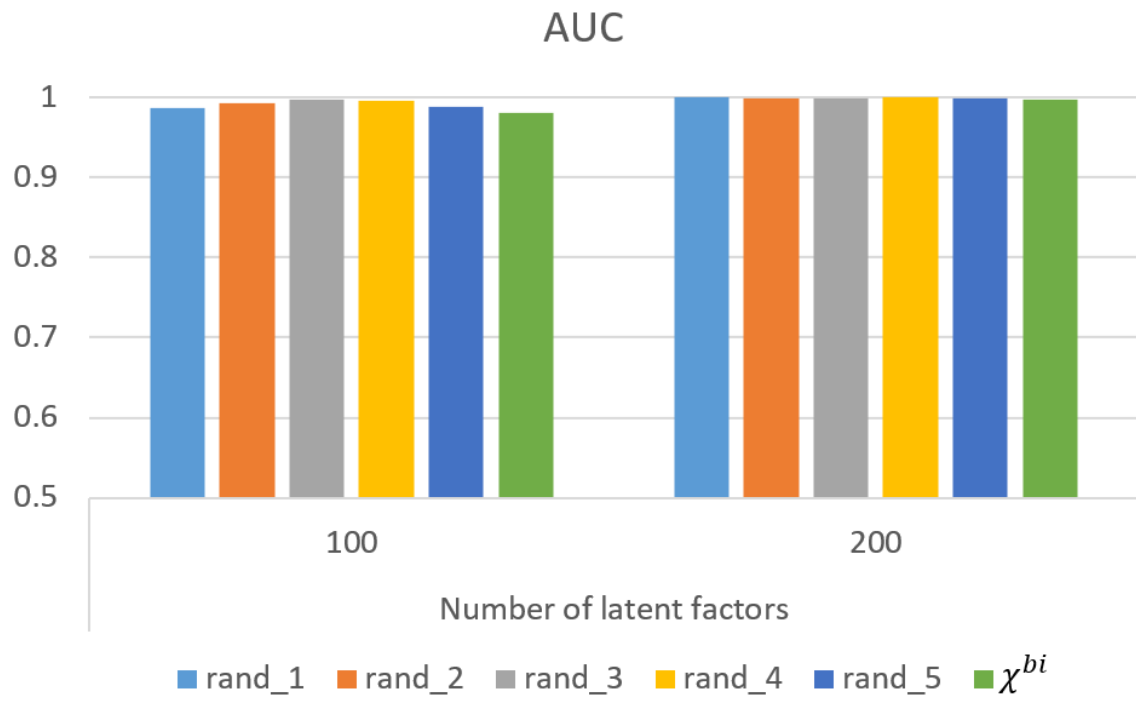
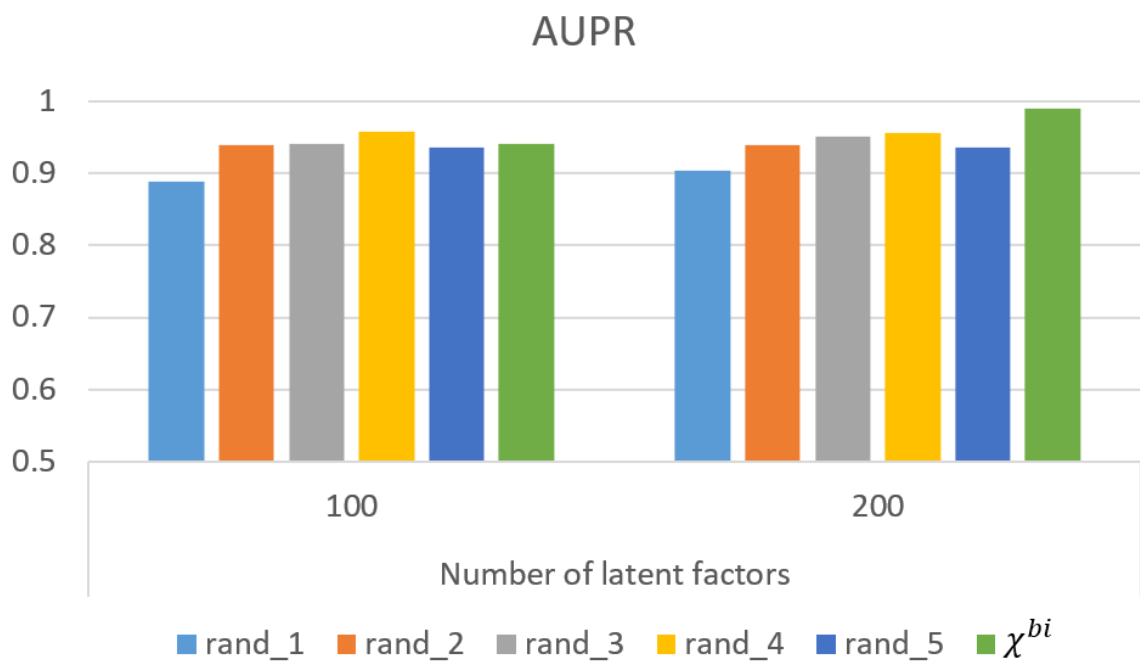


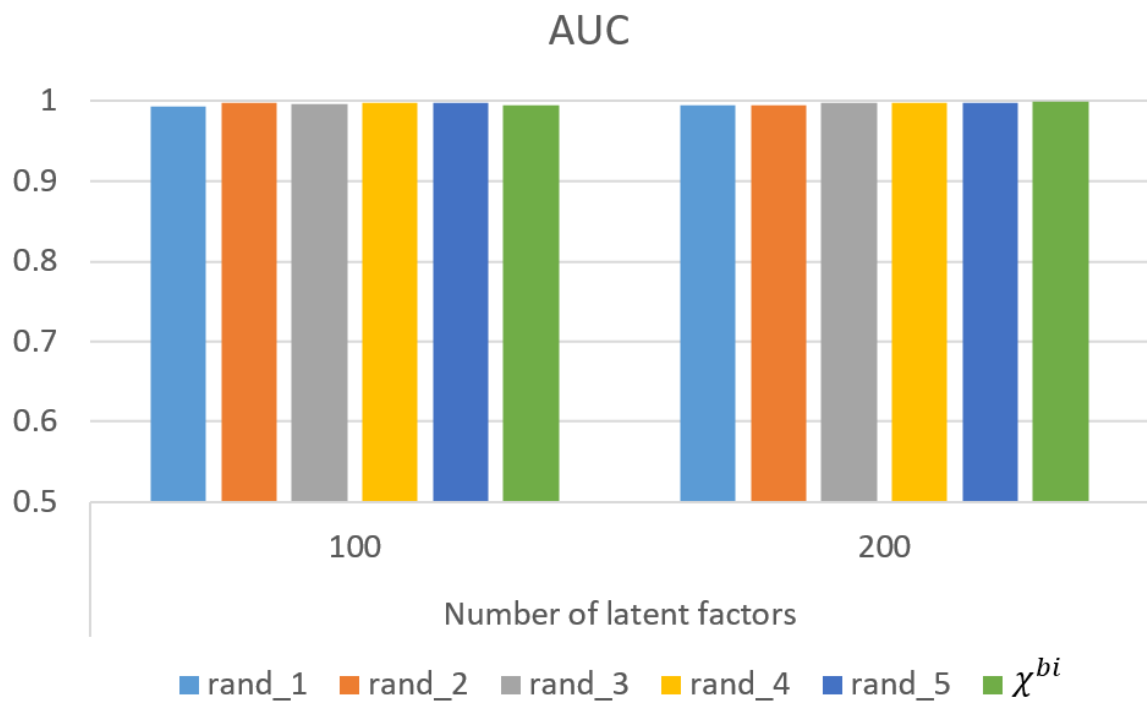
A



B



C



D

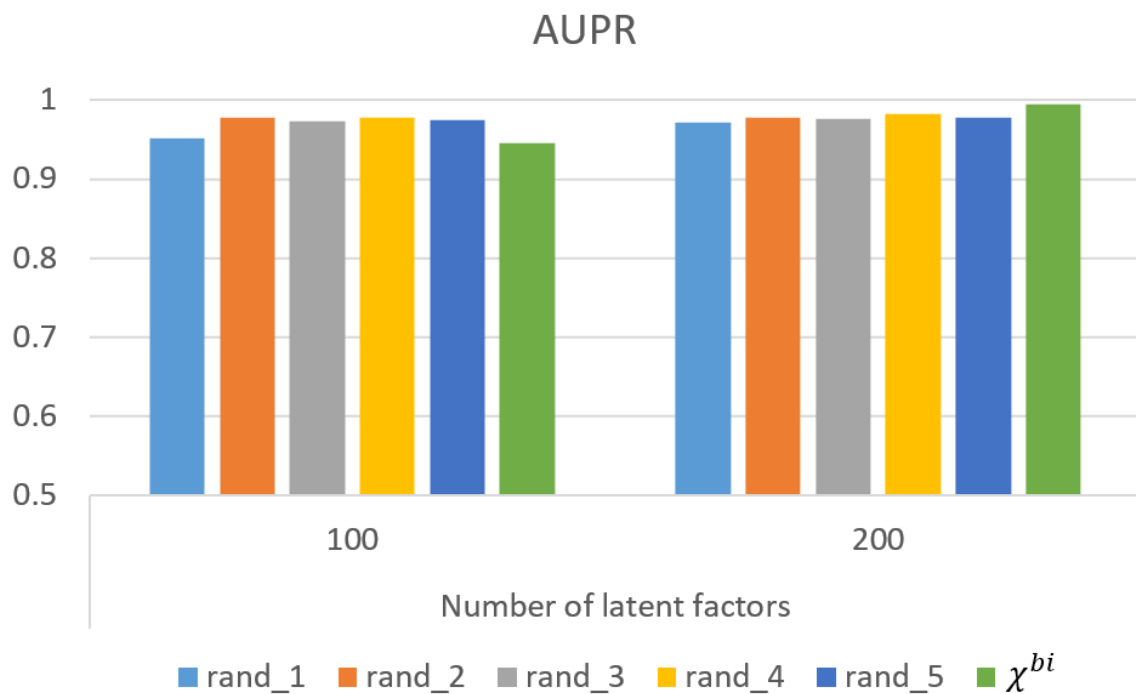


Figure S2. Performance of decomposing the five random tensors constructed by the second strategy. Performance of using different number of latent factors is demonstrated, compared with performance of decomposing χ^{bi} . **a** and **b**, AUC and AUPR with no additional information, respectively. **c** and **d**, AUC and AUPR using similarity as additional information, respectively.