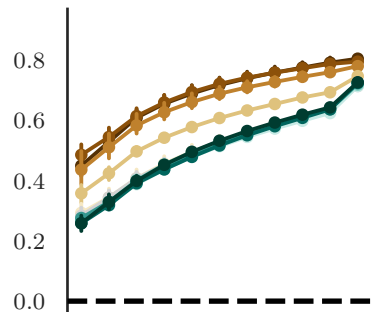
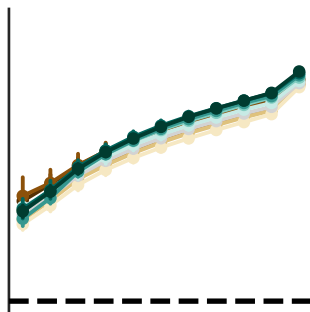
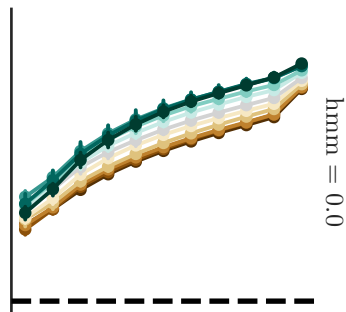
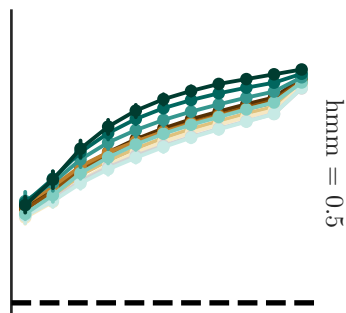
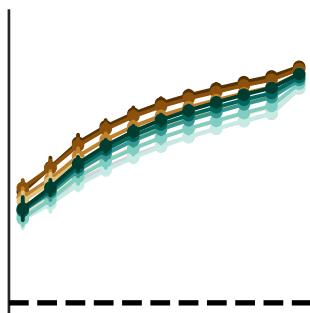
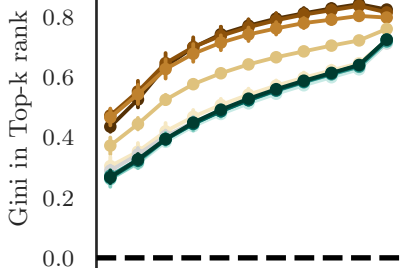
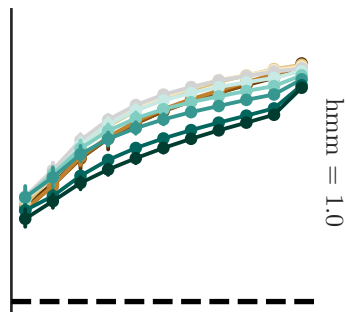
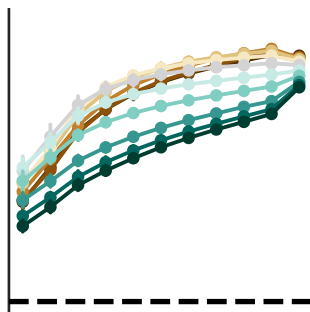
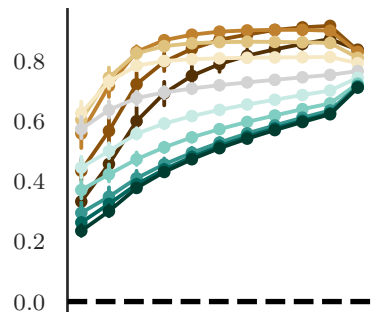


$fm = 0.1$  $fm = 0.3$  $fm = 0.5$  $hmm = 0.0$  $hmm = 0.5$  $hmm = 1.0$ 

hMM

- 0.0
- 0.1
- 0.2
- 0.3
- 0.4
- 0.5
- 0.6
- 0.7
- 0.8
- 0.9
- 1.0

Top-k rank