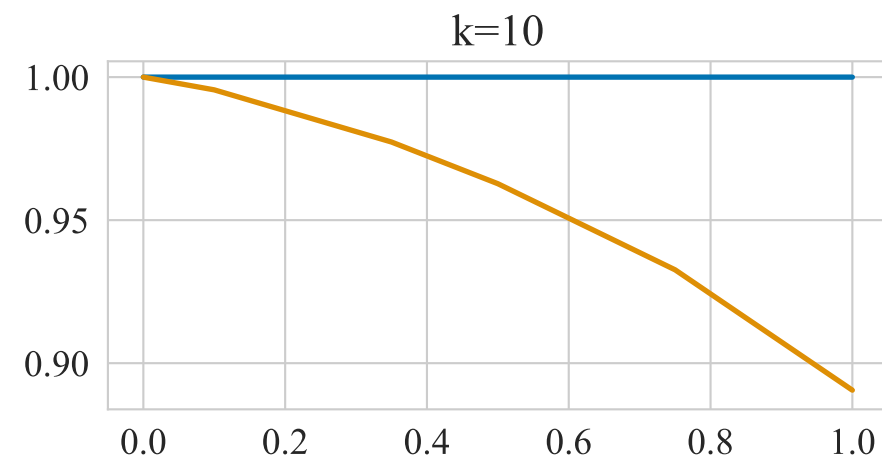
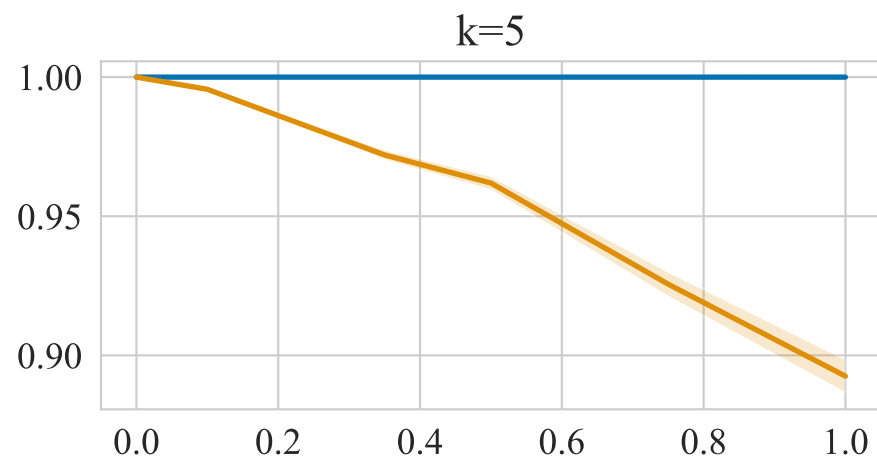
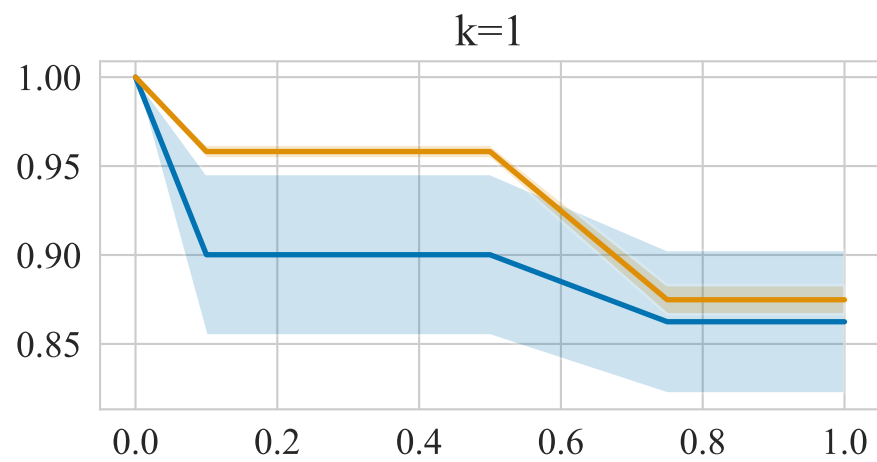
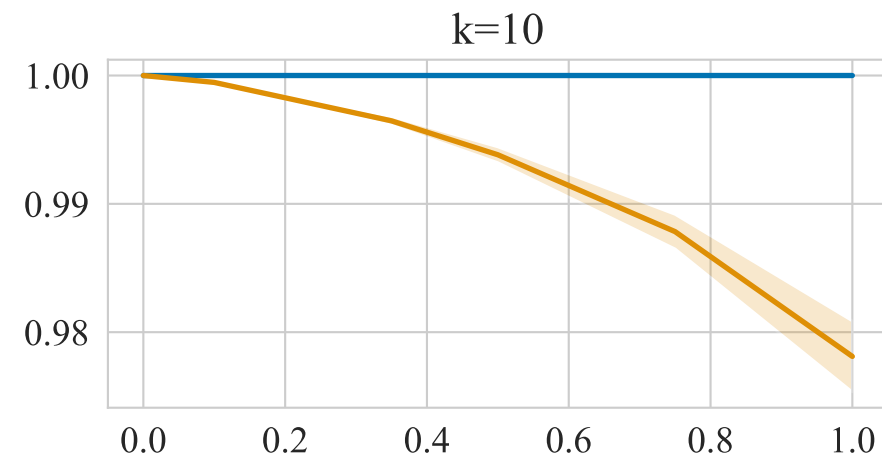
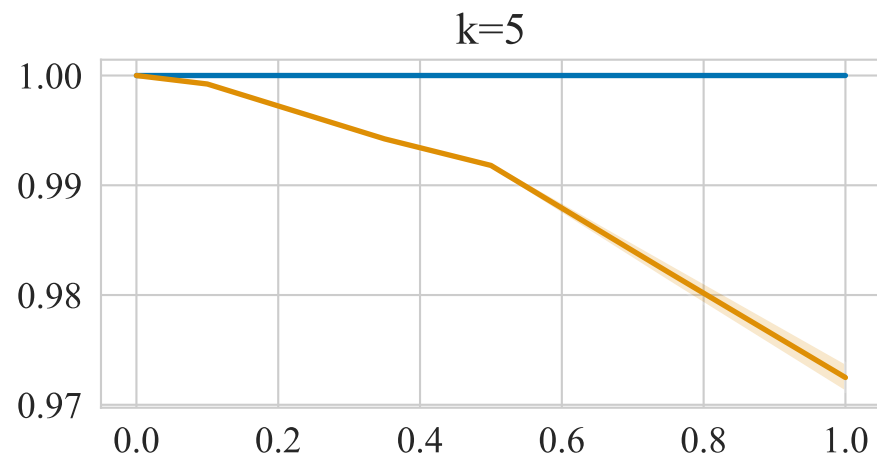
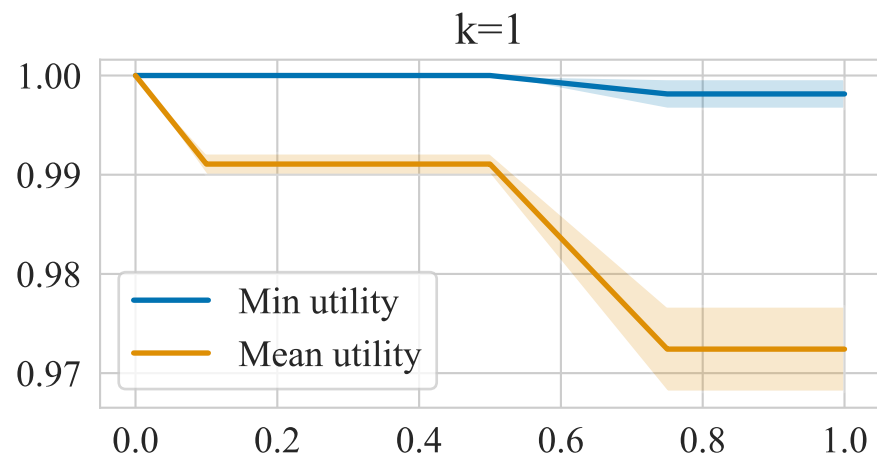


## Consumer–Producer Utility Tradeoff

MovieLens



Amazon



Fraction of best min producer utility guaranteed,  $\gamma$