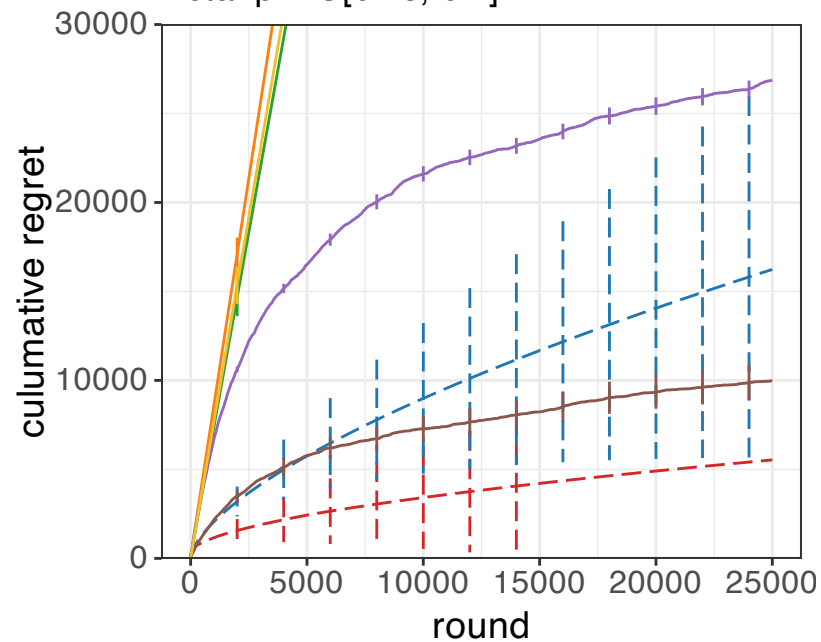
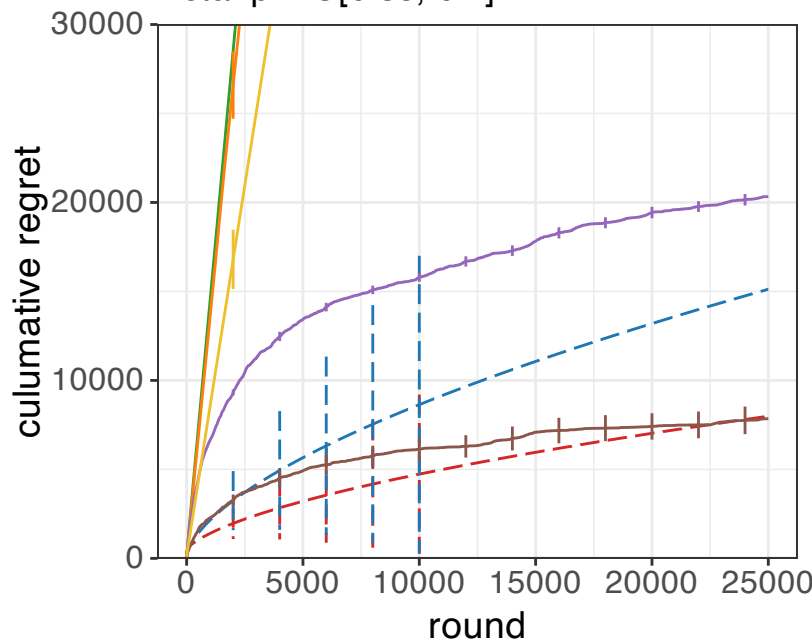
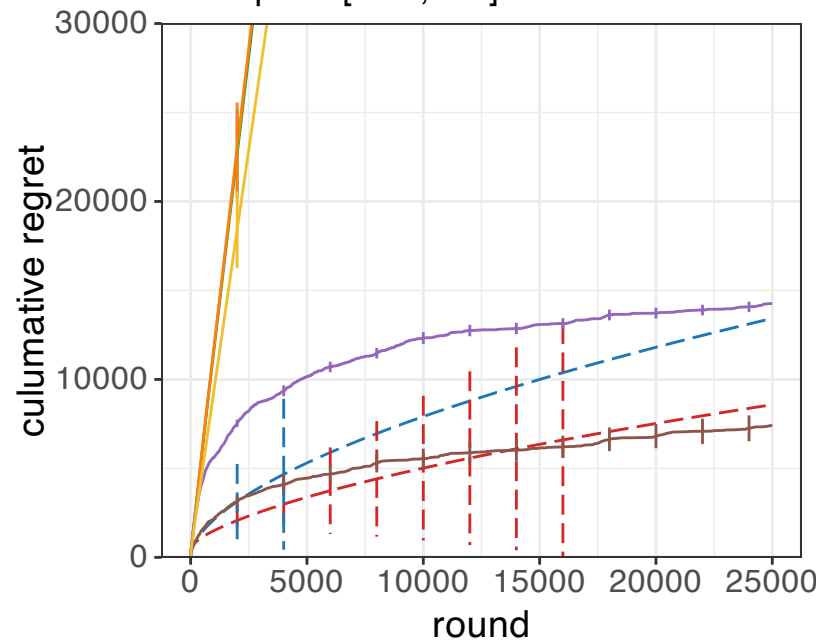
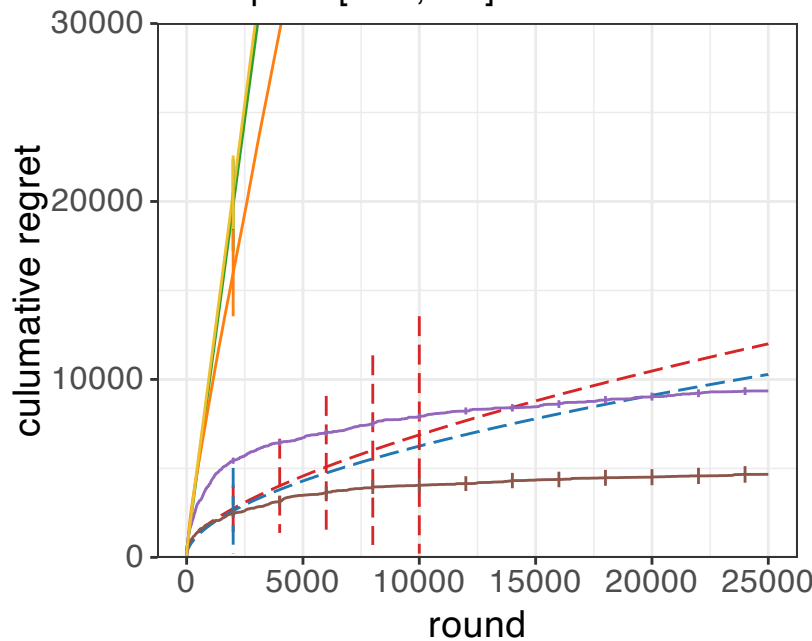


Beta:  $p \sim U[0.15, 0.2]$ Beta:  $p \sim U[0.35, 0.4]$ Beta:  $p \sim U[0.55, 0.6]$ Beta:  $p \sim U[0.75, 0.8]$ 

method

- product UCB (ours)
- product TS (ours)
- non-zero part based UCB
- variance based UCB
- estimated proxy based UCB
- true Hoeffding based UCB
- MOTS