Multi-players $M=9$: Cumulated centralized regret, averaged 200 times
9 arms: $[B(0.1)^*, B(0.2)^*, B(0.3)^*, B(0.4)^*, B(0.5)^*, B(0.6)^*, B(0.7)^*, B(0.8)^*, B(0.9)^*]$

Legend:
- $9 \times$ RandTopM-KLUCB
- $9 \times$ MCTopM-KLUCB
- $9 \times$ Selfish-KLUCB
- $9 \times$ RhoRand-KLUCB
- Our lower-bound $= 0 \log(t)$
- Anandkumar et al.'s lower-bound $= 0 \log(t)$
- Centralized lower-bound $= 0 \log(t)$

Y-axis: Cumulative centralized regret $\sum_{k=1}^{9} \mu_k^* t - \sum_{k=1}^{9} \mu_k \mathbb{E}_{200}[T_k(t)]$

X-axis: Time steps $t = 1 . . T$, horizon $T = 10000$,