Multi-players $M=6$: Cumulated centralized regret, averaged 40 times
9 arms: $[B(0.01), B(0.01), B(0.01), B(0.1)^*, B(0.12)^*, B(0.14)^*, B(0.16)^*, B(0.18)^*, B(0.2)^*]$

Legend:
- SIC-MMAB(UCB-H, $T_0=265$)
- SIC-MMAB(UCB, $T_0=265$)
- SIC-MMAB(kl-UCB, $T_0=265$)
- RhoRand-UCB
- RhoRand-kl-UCB
- RandTopM-UCB
- RandTopM-kl-UCB
- MCTopM-UCB
- MCTopM-kl-UCB
- Selfish-UCB
- Selfish-kl-UCB
- CentralizedMultiplePlay(UCB)
- CentralizedMultiplePlay(kl-UCB)
- MusicalChair($T_0=450$)
- MusicalChair($T_0=900$)
- MusicalChair($T_0=1350$)
- Besson & Kaufmann lower-bound = $22.7 \log(t)$
- Anandkumar et al.'s lower-bound = $14.3 \log(t)$
- Centralized lower-bound = $3.79 \log(t)$

Y-axis: Cumulative centralized regret $\sum_{k=1}^{6} \mu_k^* \, t - \sum_{k=1}^{9} \mu_k \mathbb{E}_{40}[T_k(t)]$

X-axis: Time steps $t=1\ldots T$, horizon $T=50000$,