Multi-players $M = 3$: Cumulated centralized regret, averaged 1000 times
3 arms: $[B(0.1)^*, B(0.5)^*, B(0.9)^*]$

Legend:
- $3 \times$ RandTopM-KLUCB
- $3 \times$ MCTopM-KLUCB
- $3 \times$ Selfish-KLUCB
- $3 \times$ 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 $\sum_{k=1}^{3} \mu_k^* t - \sum_{k=1}^{3} \mu_k \mathbb{E}_{1000}[T_k(t)]$

X-axis: Time steps $t = 1..T$, horizon $T = 5000$,