Multi-players $M = 2$: Cumulated centralized regret, averaged 1000 times
3 arms: Bayesian MAB, Bernoulli with means on $[0, 1]$

Legend:
- $2 \times$ RandTopM-KLUCB
- $2 \times$ MCTopM-KLUCB
- $2 \times$ Selfish-KLUCB
- $2 \times$ RhoRand-KLUCB

Y-axis: Cumulative centralized regret $\sum_{k=1}^{2} \mu_k^* t - \sum_{k=1}^{3} \mu_k \mathbb{E}_{1000}[T_k(t)]$

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