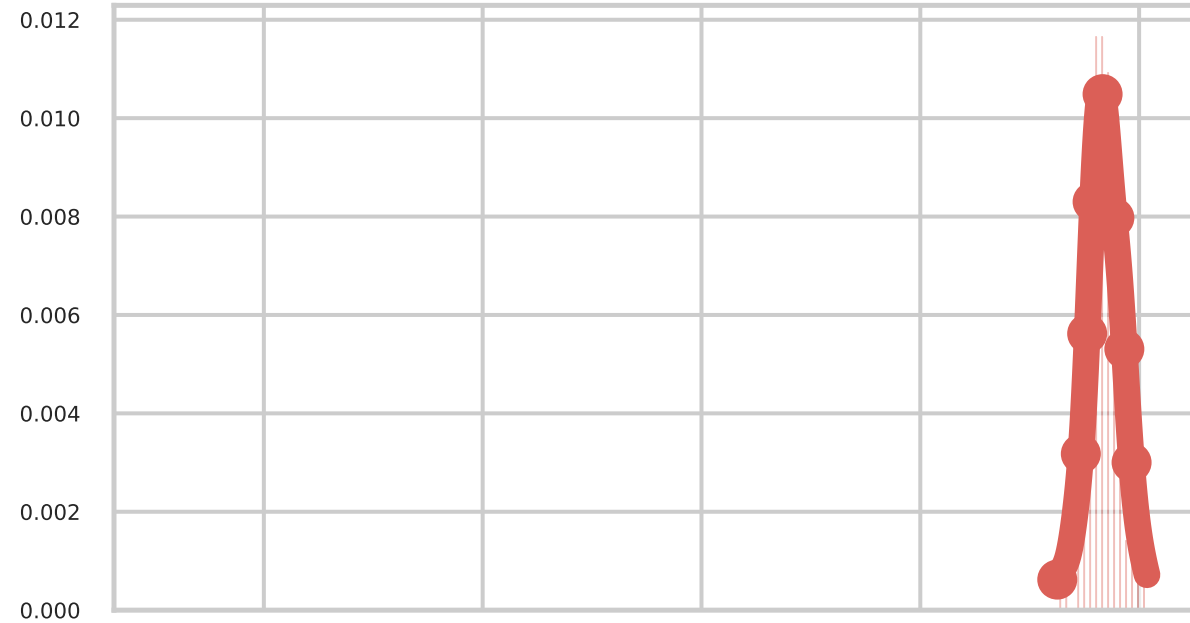


# Histogram of regrets for different bandit algorithms

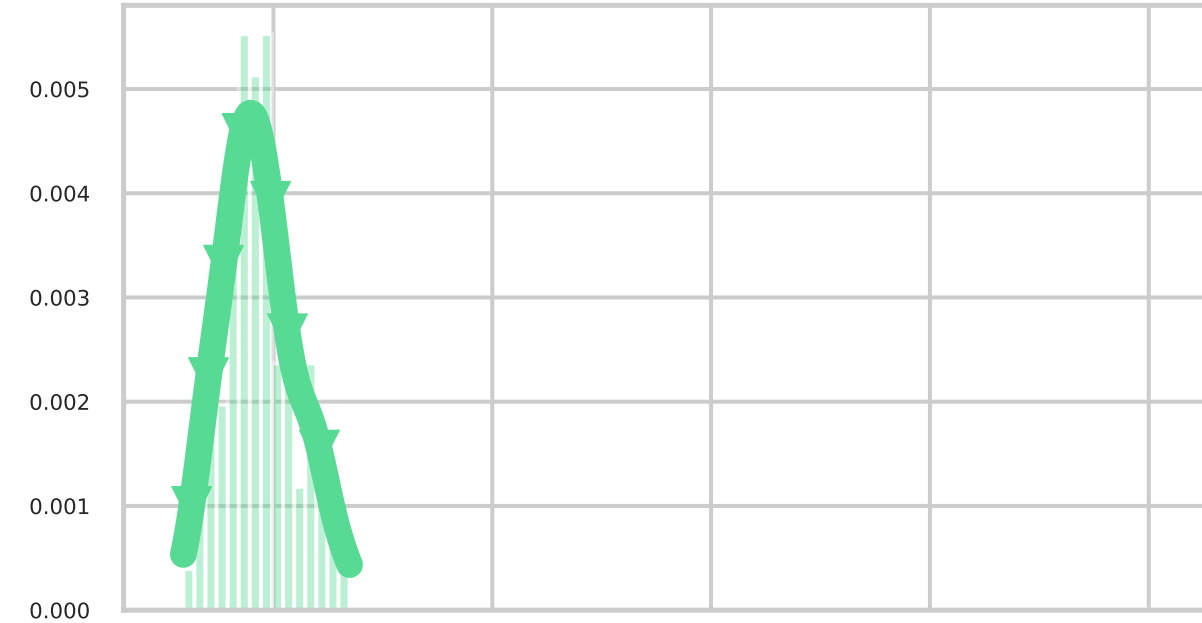
## 3 arms: Non-Stationary MAB, Bernoulli with $\Upsilon = 4$ break-points

Histogram and density of observations, 100 repetitions

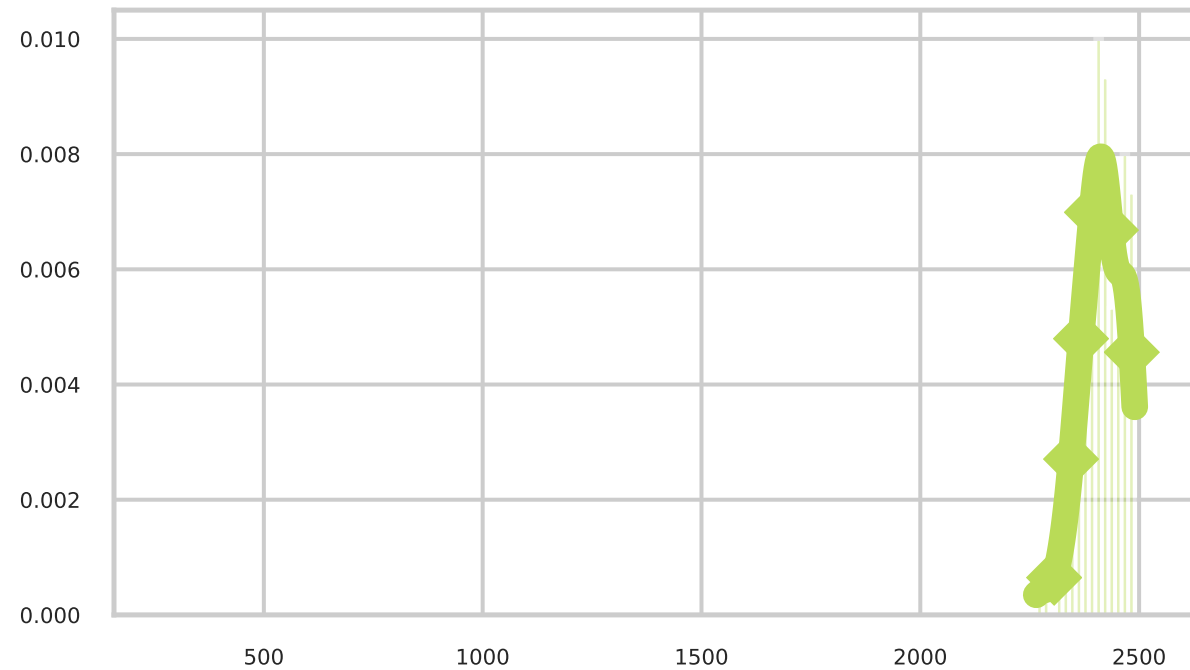
UCB



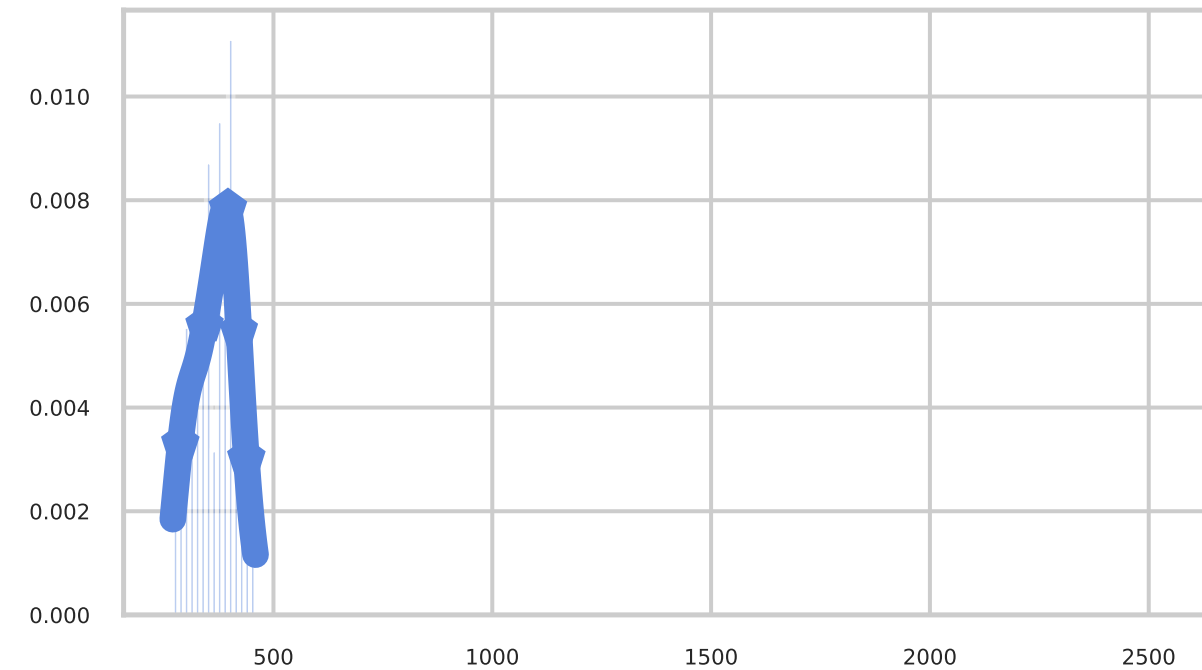
Exp3.S



SW-UCB( $\tau=1000$ )



D-UCB( $\gamma=0.99$ )



Regret value  $R_T$ , horizon  $T=10000$