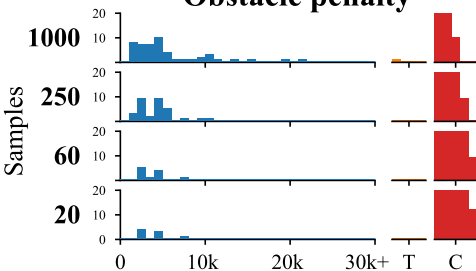
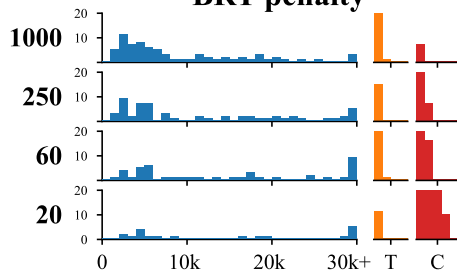
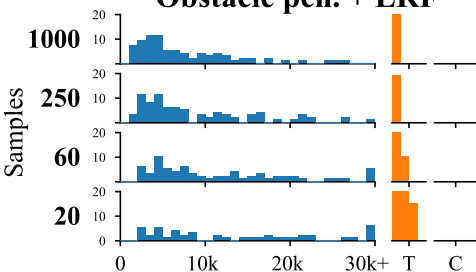
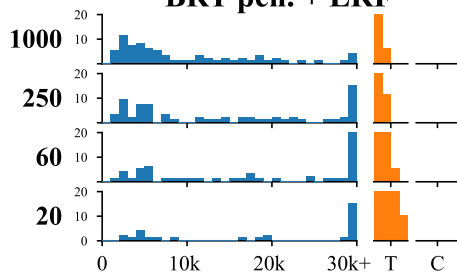
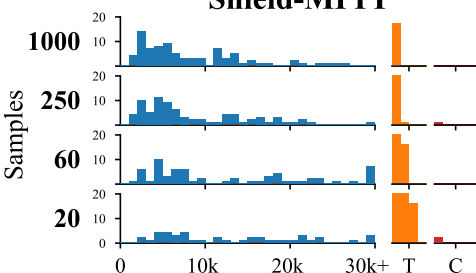


Obstacle penalty**BRT penalty****Obstacle pen. + LRF****BRT pen. + LRF****Shield-MPPI****Our method**