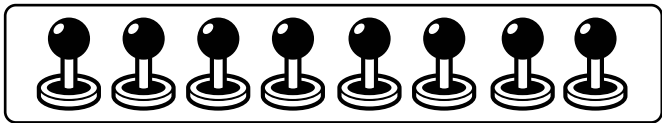


n arms



1. each arm has an **unknown** reward distribution
2. the reward distributions can be **different**.