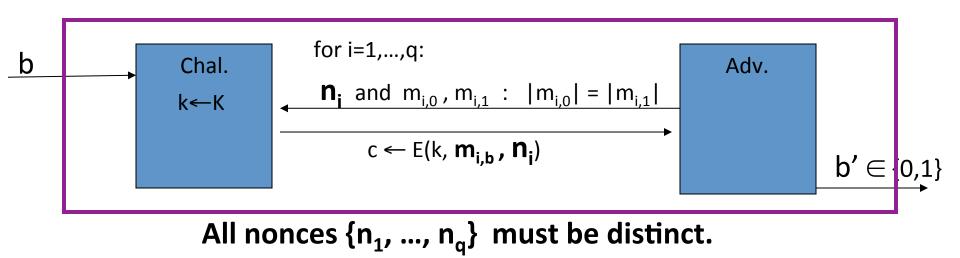
CPA security for nonce-based encryption

System should be secure when nonces are chosen adversarially.



Def: nonce-based E is sem. sec. under CPA if for all "efficient" A:

$$Adv_{nCPA}[A,E] = |Pr[EXP(0)=1] - Pr[EXP(1)=1]|$$
 is "negligible."