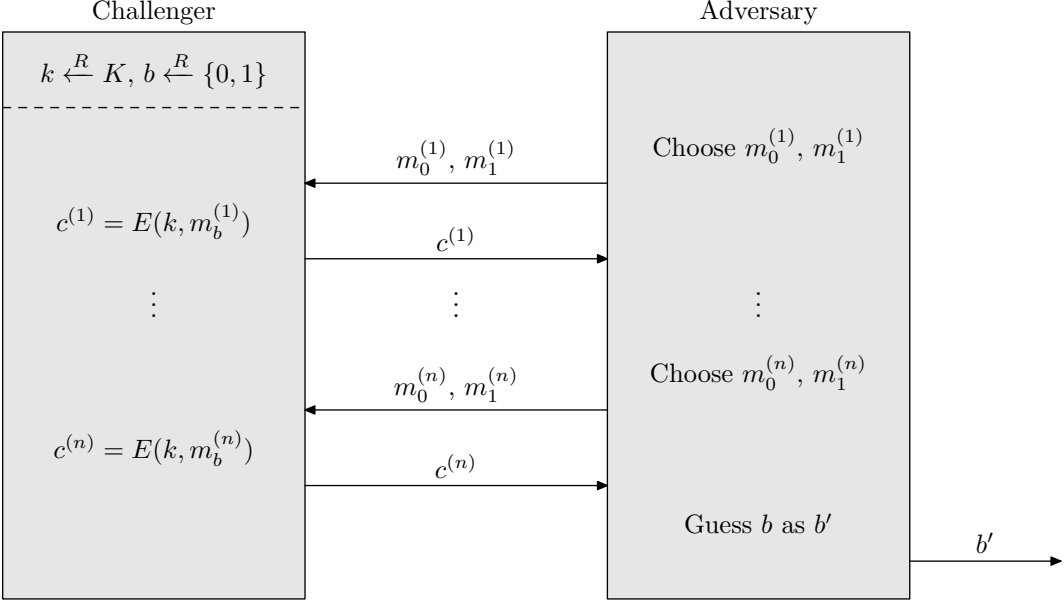
Challenger
Adversary
$k \xleftarrow{R} K$, $b \xleftarrow{R} \{0,1\}$
$m_0^{(1)}$, $m_1^{(1)}$
Choose $m_0^{(1)}$, $m_1^{(1)}$
$c^{(1)} = E(k, m_b^{(1)})$
$c^{(1)}$
$m_0^{(n)}$, $m_1^{(n)}$
Choose $m_0^{(n)}$, $m_1^{(n)}$
$c^{(n)} = E(k, m_b^{(n)})$
$c^{(n)}$
Guess b as b'
b'