Decition problem and definitions	General expression for Δ $\langle p \rangle = \frac{1}{N} \sum_{i=0}^{N-1} p_i$ $\langle p^2 \rangle = \frac{1}{N} \sum_{i=0}^{N-1} p_i^2$	$p_i = p \text{ (constant)}$ $\implies \langle p \rangle = p$ $\implies \langle p^2 \rangle = p^2$	$p_i \in \{0, 1\}$ $\implies \langle p^2 \rangle = \langle p \rangle$	$p_i \in \{\epsilon, 1 - \epsilon\}$ $\implies \epsilon \le \langle p \rangle \le 1 - \epsilon$ $\implies \langle p^2 \rangle = \langle p \rangle - \epsilon (1 - \epsilon)$
Prisoners dilemma against copy	$\langle p^2 \rangle - \langle p \rangle^2$	·		(1-6)
$\Delta := Q(\text{Cooperate}) - Q(\text{Defect})$	$\Delta = M \frac{\langle p^2 \rangle - \langle p \rangle^2}{\langle p \rangle (1 - \langle p \rangle)} - m$	$\Delta = -m$	$\Delta = M - m$	$\Delta = M \left(1 - \frac{\epsilon(1-\epsilon)}{\langle p \rangle (1-\langle p \rangle)} \right) - m$
$p_i := P(\text{Cooperate} h_{>i})$	\P/(1 \P/)			, ,
Evidential blackmail				
$\Delta := Q(\text{Pay} \text{Blackmail})$				
$-Q(\mathrm{Dont} \mathrm{Blackmail})$	$\Delta =$	$\Delta =$	$\Delta =$	$\Delta =$
q := P(Market crach)				
$p_i := P(\text{Pay} \text{Blackmail}, h_{>i})$				
Absent minded driver $\Delta := Q(\text{Continue}) - Q(\text{Exit})$ $p_i := P(\text{Continue} h_{>i})$	$\Delta = \frac{4\langle p \rangle - 4\langle p \rangle^2 - 2\langle p^2 \rangle - 4\langle p \rangle \langle p^2 \rangle + 6\langle p^2 \rangle^2}{(1 - \langle p^2 \rangle)(\langle p \rangle + \langle p^2 \rangle)}$	$\Delta = \frac{4 - 6p}{1 + p}$	$\Delta = 1$	$\Delta = 1 + \frac{3 - 19\langle p \rangle}{2\langle p \rangle (1 - \langle p \rangle)} \epsilon + \mathcal{O}(\epsilon^2)$