Prisoners Dilemma

$A = \begin{pmatrix} 3 & 0 \\ 5 & 1 \end{pmatrix}$ $B = \begin{pmatrix} 3 & 5 \\ 0 & 1 \end{pmatrix}$

Cooperate / Defect

$A = \begin{pmatrix} R & S \\ T & P \end{pmatrix}$ $B = \begin{pmatrix} R & T \\ S & P \end{pmatrix}$

Reward

Temptation $T > R > P > S$

$2R > T + S$

$R < \frac{T+S}{2}$