Equilibrium classification for strategy A

Example matrices

Strict Nash

ESS

Weak ESS

Nash

$$\begin{array}{cc} & \begin{array}{cc} A & B \end{array} \\ \begin{array}{c} A \\ B \end{array} & \left(\begin{array}{cc} 5 & 2 \\ 3 & 1 \end{array} \right) \end{array}$$

$$\begin{array}{cc} & \begin{array}{cc} A & B \end{array} \\ \begin{array}{c} A \\ B \end{array} & \left(\begin{array}{cc} 5 & 2 \\ 5 & 1 \end{array} \right) \end{array}$$

$$\begin{array}{cc} & \begin{array}{cc} A & B \end{array} \\ \begin{array}{c} A \\ B \end{array} & \left(\begin{array}{cc} 5 & 2 \\ 5 & 2 \end{array} \right) \end{array}$$

$$\begin{array}{cc} & \begin{array}{cc} A & B \end{array} \\ \begin{array}{c} A \\ B \end{array} & \left(\begin{array}{cc} 5 & 1 \\ 5 & 2 \end{array} \right) \end{array}$$