

# Congestion games, social dilemmas and correlation

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## **Abstract**

$2 \times 2$  symmetric social choice problems are interpreted as simple congestion games. Mediation and enforcement values of the prisoners' dilemma is determined and are found to be infinity and 2, respectively. Problems of generalizing the prisoners' dilemma game to  $n$  persons is discussed. A well known generalization is interpreted as a 2-facility mixed linear simple congestion game. The mediation and enforcement values for  $n = 3$  are also found to be infinity and 2, respectively. Problems of determining these values for the general case are discussed.