

This assignment involves using Gambit to analyze symmetric 2×2 normal form games. These are games with two agents, each with two possible actions, C (cooperate) and D (defect), and where the scenario is symmetric. We show the normal-form matrix for several such games below. The abbreviation for the name of the game is in the upper left cell: PD (Prisoner's Dilemma), Ch (Chicken), and SH (Stag Hunt). (Saying what the other two abbreviations are for would give away the analysis.) Enter these games in normal form in Gambit and find the dominance relations and Nash equilibria. In a separate document, report the dominance relations and equilibria you find, and say what your analysis has to say about the nature of each game (e.g., what should the players do, what is "funny" or paradoxical about the game, what kinds of situations are covered, and so on). PD is covered in the tutorial on normal-form games in Gambit, so you can ignore it for this assignment. Submit to the digital drop-box in Blackboard your Gambit .gbt file for each game and your document with the discussion mentioned above. It would help if you zip all your files into one.

CD	C	D
C	3 3	2 1
D	1 2	0 0

DD	C	D
C	1 1	0 3
D	3 0	2 2

PD	C	D
C	1 1	0 3
D	3 0	2 2

Ch	C	D
C	2 2	1 3
D	3 1	0 0

SH	C	D
C	3 3	0 2
D	2 0	1 1