

### Example 8: Bach or Stravinsky? (BOS)

There are 2 concerts: one by Bach and other by Stravinsky.

One person prefers Bach and the other prefers Stravinsky. If they go to diff. concerts, each of them is equally unhappy listening to the music of either composer.

person		person Stravinsky	
person Bach		Bach	Stravinsky
Bach		(2, 1)	(0, 0)
Stravinsky		(0, 0)	(1, 2)

In this game, the players agree that it is better to cooperate than not to cooperate, but disagree about the best outcome.

BoS models a wide variety of situations.

eg: ① Two officials of a political party deciding the stand to take on an issue. Suppose that they disagree about the best stand, but are both better off if they take the same stand than if they take diff. stands, in which case voters do not know what to think. Then BoS captures the situation they face.

② Two merging firms that currently uses diff. computer technologies. As 2 divisions of a single firm, they will both be better off if they both use same technology; each firm prefers that the common technology be the one it used in the past. BoS models the choices the firms face.