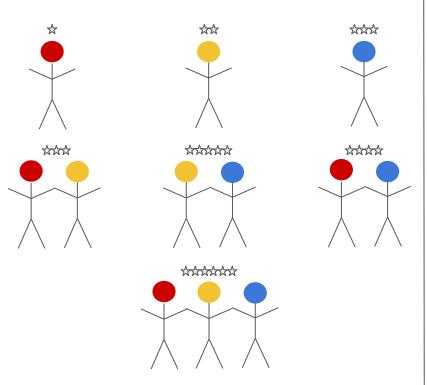
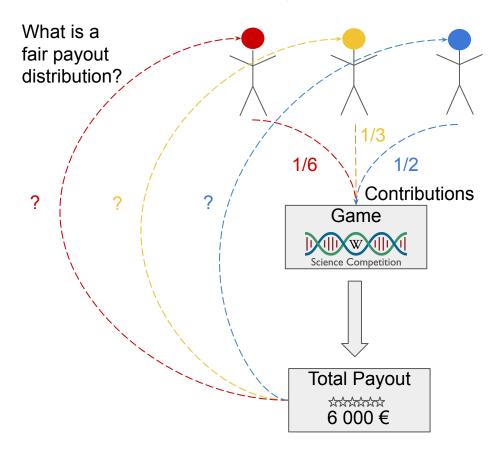
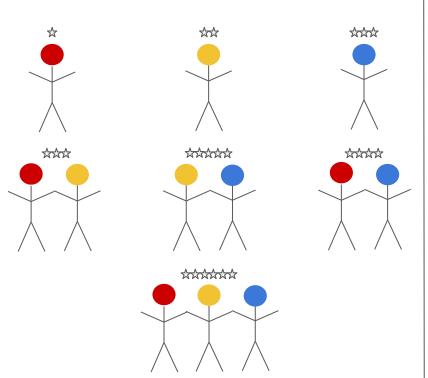
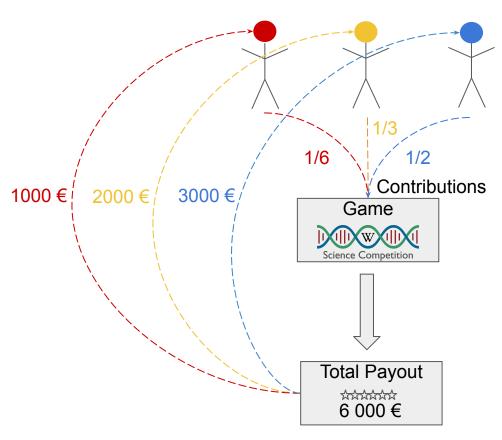
Players do not interact (payouts ☆ add up in each coalition)



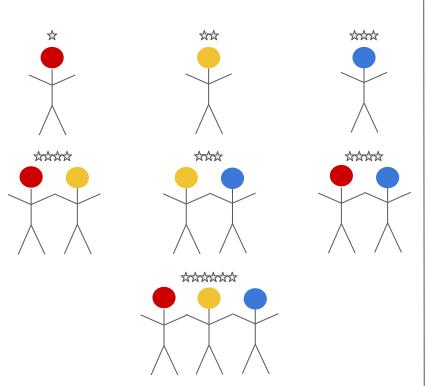


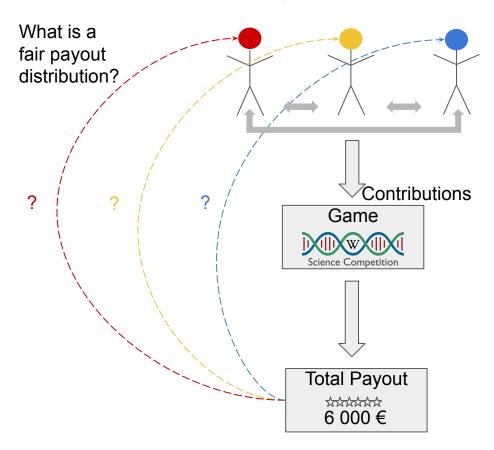
Players do not interact (payouts ☆ add up in each coalition)

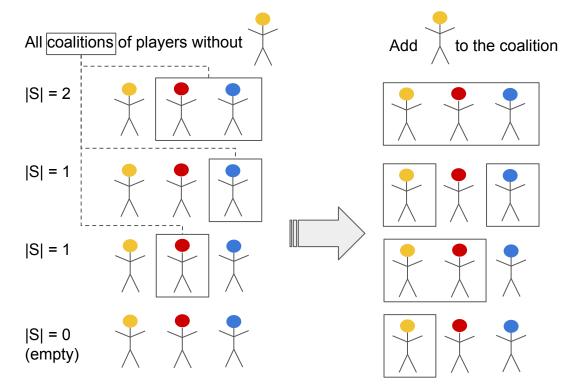




Players interact (payouts ☆ do not add up)

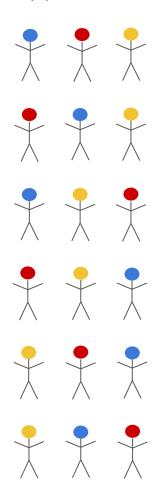


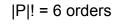




- Compute total payout of each coalition
- Compute difference in total payout for each coalition with and without player
- Sum up weighted differences in total payout

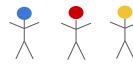
|P|! = 6 orders





via orders

(players before "yellow" player)





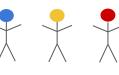


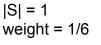


$$|S| = 2$$

weight = 1/6



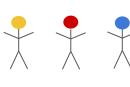












|S| = 0

|S| = 0

weight = 1/6

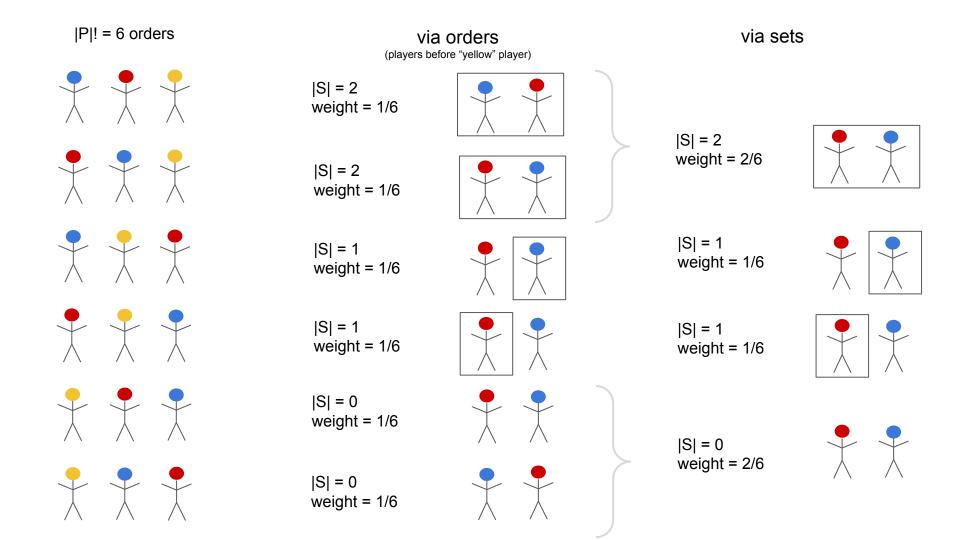


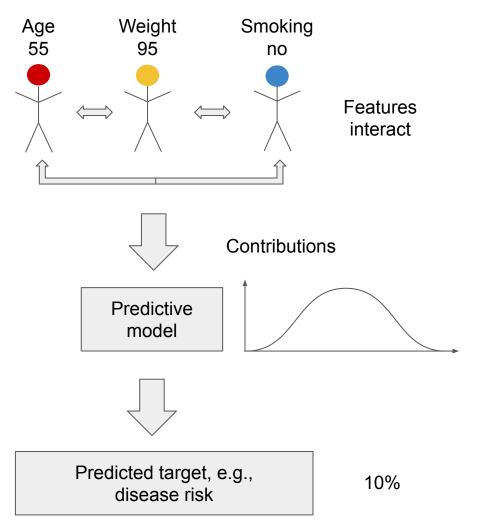


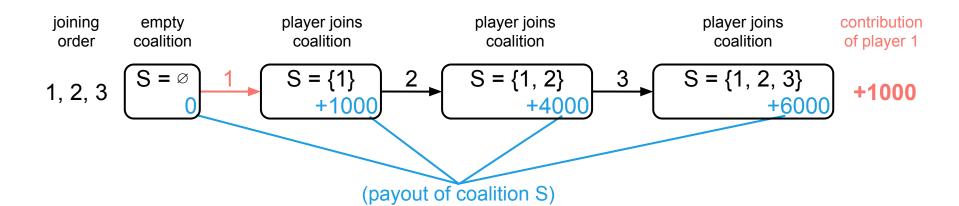


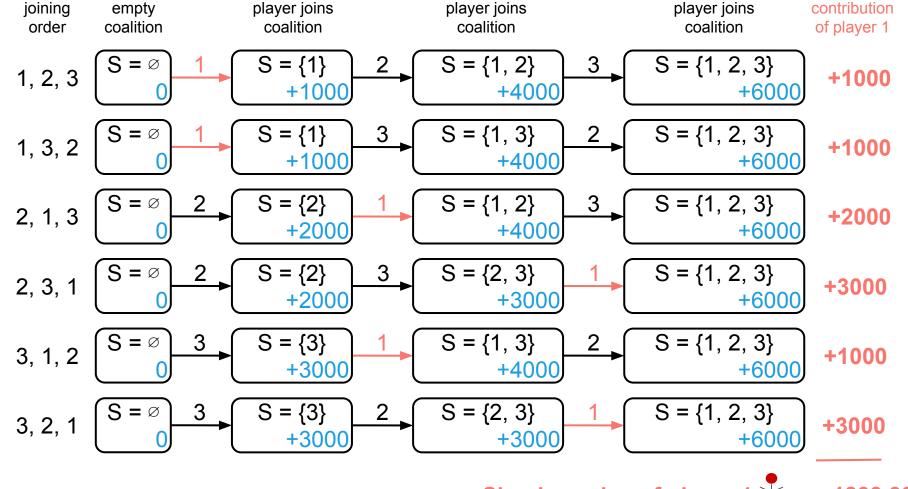
$$|S| = 0$$

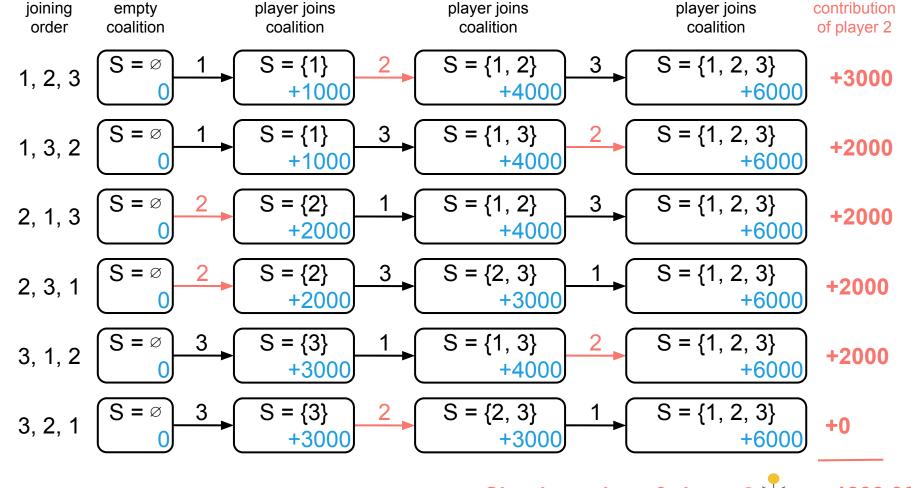
weight = 1/6



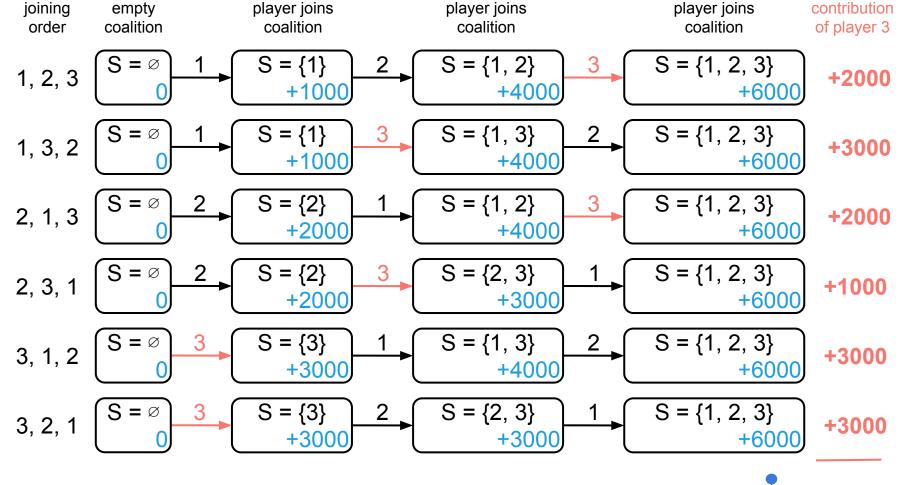






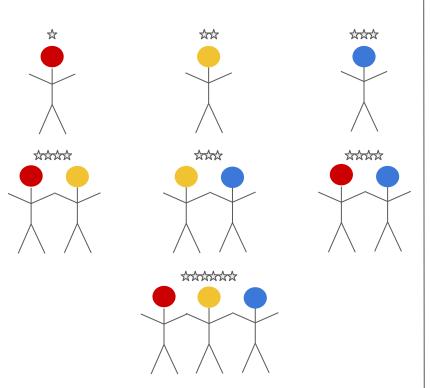


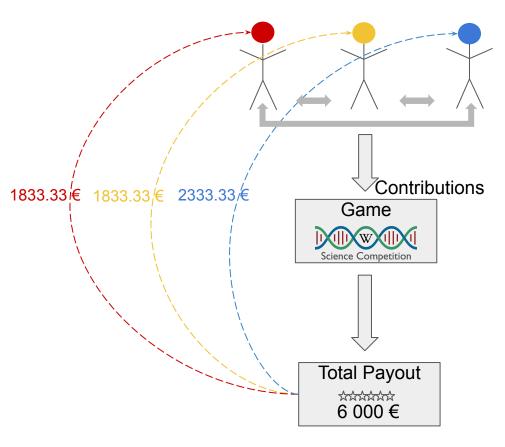
Shapley value of player 2 +1833.33

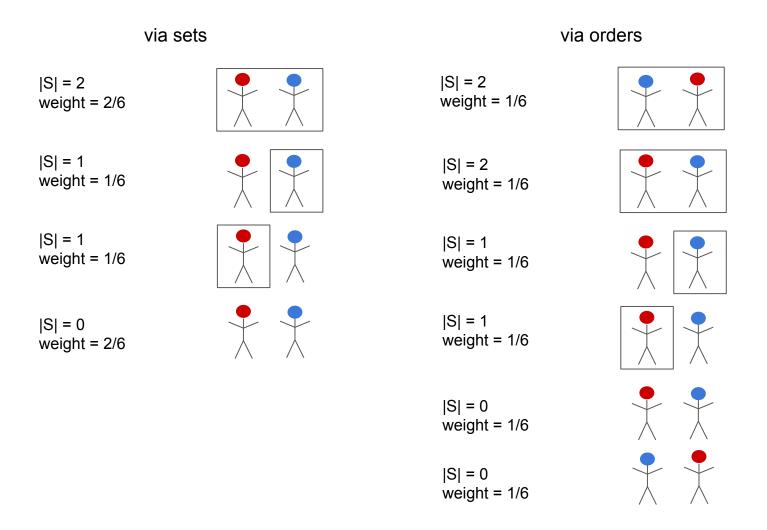


Shapley value of player 3 : +2333.33

Players interact (payouts ☆ do not add up)

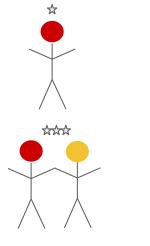




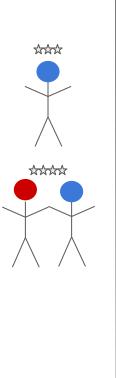


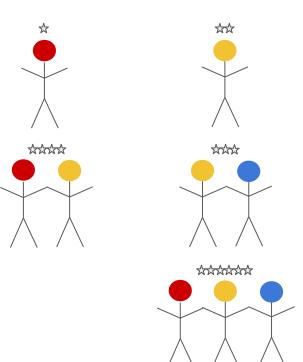
Players do not interact

(payouts ☆ add up in each coalition)

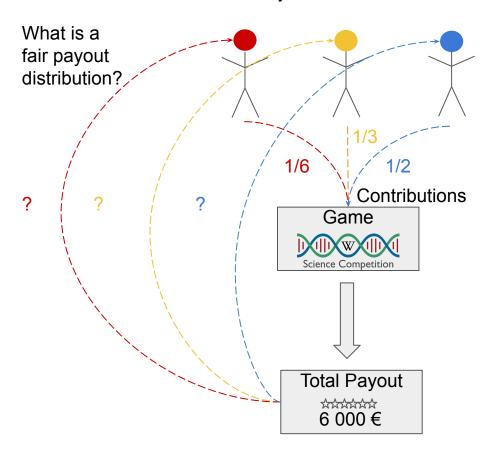


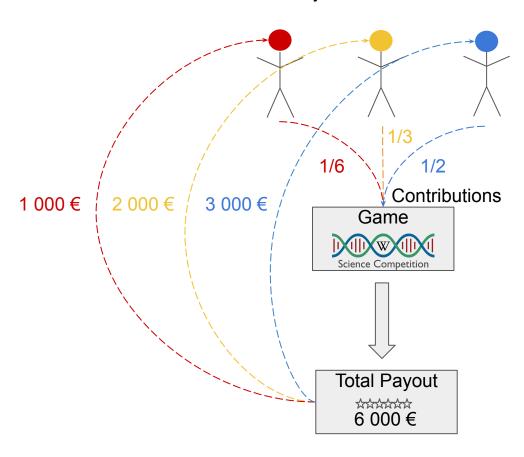


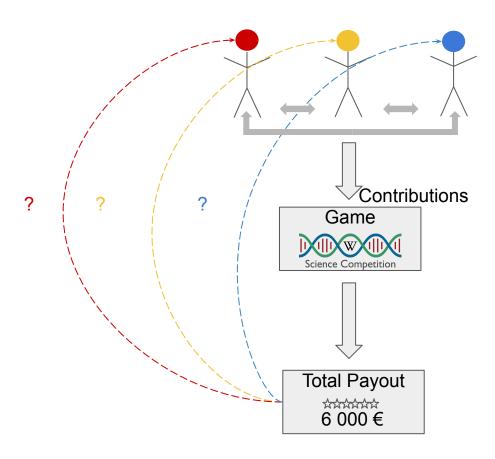


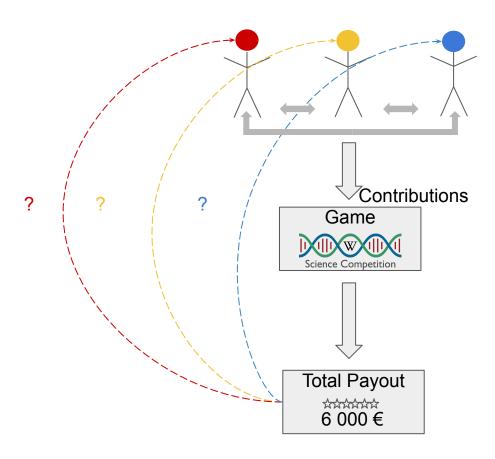


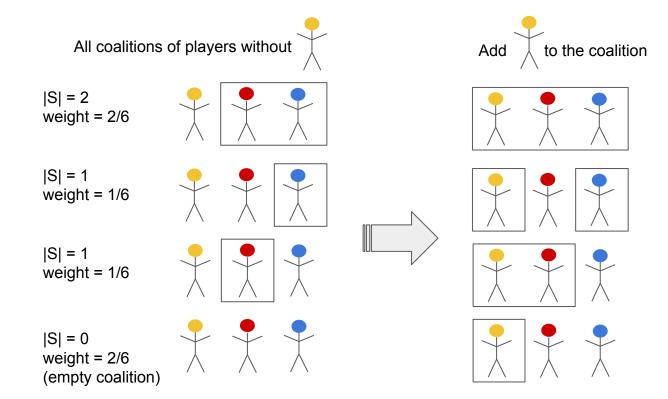












- Compute total payout of each coalition
- ullet Compute difference in total payout for each coalition with and without player ot imes
- Sum up weighted differences in total payout