



Public Goods Game

<http://www.people.virginia.edu/~cah2k/publicctr.pdf>

Instructions

This is a simple card game. Each of you will be given four cards, two of these cards are red (hearts or diamonds), and two of these cards are black (clubs or spades). All of your cards will be the same number.

The exercise will consist of a number of rounds. When a round begins, I will come to each of you in order, and you will play *two* of your four cards by placing these two cards face down on top of the stack in my hand.

Your earnings in £s are determined by what you do with your red cards. In each of the first five rounds, for each red card that you keep you will earn £4 for the round, and for each black card that you keep you will earn nothing. Red cards that are placed on the stack affect everyone's earnings in the following manner.

I will count up the total number of red cards in the stack, and everyone will earn this number of £s. Thus if ALL 26 red cards were played, everyone would earn £26. Black cards placed on the stack have no effect on the count. When the cards are counted, I will not reveal who made which decisions. I will return your own cards to you at the end of the round by coming to each of you in reverse order and giving you the top two cards, face down, off the stack in my hand.

To summarise, your earnings for the round will be calculated as follows:

$\text{Earnings} = \text{£}4 \text{ times the number of red cards you kept} + \text{£}1 \text{ times the total number of red cards I collect.}$

After round 5, I will announce a change in the earnings for each red card you keep. Even though the value of red cards kept will change, red cards placed on the stack will always earn £1 for each person. I will announce another change after round 10 and we will complete another 5 rounds.

Earnings Record Sheet your name: _____

Round	No. of red cards kept	£ per red cards kept	Earnings for cards kept	£1 × (total no. of red cards in stack)	Your total earnings this round	Cumulative earnings
1						
2						
3						
4						
5						
In the remaining rounds, money per red card kept = £2						
6						
7						
8						
9						
10						
Break						
11						
12						
13						
14						
15						