

# Experimental instructions

## Ambiguity with sharing info treatment (translated from Japanese)

Thank you for your participation. In this game, you will make simple decisions. By making decisions, you will have opportunities to earn money. Any money earned during this game is yours to keep. Therefore, it is important that you read these instructions carefully. Please do not communicate with other participants during the experiment.

In this game, you are part of a group of five members. Throughout several rounds, you will make decisions as one of the members of this group. The group members are randomly shuffled every round, so you will not know in advance who will be in your group. In short, you will be randomly reassigned to a new group of five members in each round.

During each round of the game, you and your group members will make a decision to choose between “Yellow” or “Blue.” You will not know which option the others have chosen. On your computer screen, you can find the options of “Yellow” and “Blue.” Please click the option after you decide between “Yellow” or “Blue.”

Your earnings (points) for each round are the total of “Individual payoff” and “Group payoff.” “Individual payoff” is determined solely by your own decision. If you choose “Yellow,” your individual payoff becomes 60 points. On the other hand, if you choose “Blue,” your individual payoff becomes 0 points.

“Group payoff” depends on the choices of “Yellow” and “Blue” made by all group members of the group and by the value of  $X$ , which is randomly chosen. Group payoff is determined as follows:

Table 1: Group payoff if ‘ $X$ ’ = 1

Number of ‘Yellow’ choices in your group	0	1	2	3	4	5
Group payoff	185	185	0	0	0	0

Table 2: Group payoff if ‘ $X$ ’ = 2

Number of ‘Yellow’ choices in your group	0	1	2	3	4	5
Group payoff	185	185	185	0	0	0

Table 3: Group payoff if 'X' = 3

Number of 'Yellow' choices in your group	0	1	2	3	4	5
Group payoff	185	185	185	185	0	0

X takes on a value of either 1, 2 or 3, which will be randomly chosen for each round. However, the probabilities of  $X = 1$ , 2 or 3 selection are unknown.

Your earnings will be the total of the individual payoff and the group payoff from each round. If you choose "Yellow," your payoffs will be 60 (individual earning) plus the group payoff. If you choose "Blue," your payoffs will be the same as the group payoff.

Before you choose "yellow" or "blue" for each round, you conjecture whether the value of X would be 1, 2 or 3. Then you input your conjecture on the computer before you choose "yellow" or "blue." After inputting your conjectures, the facilitator will randomly sort the X conjectures of all participants in the experiment. Therefore, you cannot know who submitted each conjecture during each round. Then, the conjectures will be announced and displayed to all on a common screen at the laboratory. After the display, you will make your own choice ("yellow" or "blue") for this round and then X will be randomly chosen.

After everyone has made their decisions in each round, the results will be displayed on the computer screen. You can see the value of X, how many members in your group chose "Yellow," and your total earnings in the round. When you confirm the results, please record the displayed results on your record sheet.

You will continue this decision making process until the facilitator announces the end. At the end of this game, you will be paid the total of your earnings from all the rounds. Your total earnings will be converted to cash at the rate of 1.3 yen per point.

**THANK YOU**