Experimental Instruction of Additional Experiment 2

You are now taking part in an economics experiment. If you read the following instructions carefully, depending on your decisions, you can earn some more money in addition to the 10 Yuan, which is a show-up fee and you can keep in any case. The entire amount of money that you earn with your decisions will be added up and paid to you at the end of the experiment. These instructions are solely for your private information. You are not allowed to communicate during the experiment. Violation of this rule will lead to the exclusion from the experiment and all payments. If you have questions, please raise your hand. A member of the experimenter team will come to you and answer them in private.

We will not speak of Chinese Yuan during the experiment, but rather of MU (Monetary Units). Your whole income will first be calculated in MU. At the end of the experiment, the total amount of points you earned will be converted to Chinese Yuan at the following rate:

100 MU=40 Yuan

We describe the exact experiment process below.

The decision situation

You will learn how the experiment will be conducted later. We first introduce you to the basic decision situation. At the end of the description of the decision situation, you will find control questions to help you understand the decision situation.

You will be a member of a group consisting of 4 members. The other three members are computer players, not real people. The computer players will play the game according to pre-set instructions. Your decisions will have no effect on how computer players play. Each group member, i.e., you and three computer players, has to decide on the allocation of 20 MU. You can put these 20 MU into your private account or invest them fully or partially into a group project. Each MU that you do not invest into the project will automatically remain in your private account. The computer players will pick the decisions of the other three players in this experiment conducted earlier. The computer will pick their decisions randomly and separately (so each computer player will make its own random decision). You are the only real person in the group, and only you will receive any money.

Your income from the private account:

You will earn one MU for each MU you put into your private account. For example, if you put 20 MU into your private account (and therefore do not invest into the project), your income will amount to exactly 20 MU out of your private account. If you put 6 MU into your private account, your income from this account will be 6 MU. No one except you earns something from your private account.

Your income from the project:

Each group member will profit equally from the amount you invest into the project. On the other hand, you will also get a payoff from the other group members' investments. The income for each group member will be determined as follows:

Income from the project = sum of all contributions × 0.5

If, for example, the sum of all contributions to the project is 60 MU, then you and the other members of your group each earn 60 × 0.5 = 30 MU out of the project. If four members of the group contribute a total of 10 MU to the project, you and the other members of your group each earn 10 × 0.5 = 5 MU out of the project.

Total income:

Your total income is the sum of your income from your private account and that from the project:

Total income=Income from your private account (= 20 – contribution to the project) + *Income from the project* (= 0.5 × sum of all contributions to the project)

Remember, the other group members are just computer players. You are the only real person in the group, and only you will receive any money. Your earnings will be calculated as described above, i.e., by adding the income from the private account to the income from the group project.

Nobody but the experimenter after the experiment will know what your contribution schedule here was, and even then, your decisions are anonymous. No other players will ever know of your decisions.

Control questions:

Please answer the following control questions. They will help you to gain an understanding of the calculation of your income, which varies with your decision about how you distribute your 20 MU. Please answer all the questions and write down your calculations (in MU).

(1) Assume that neither you nor any other group member contributes anything to the group project.

Question 1: What is your total income? ____

Question 2: What is the total income of each of your three group members? ____

(2) Assume that you and the other three group members each contribute 20 MU to the group project.

Question 3: What is your total income? ____

Question 4: What is the total income of each of your three group members? ____

(3) Assume that the other three group members contribute a total of 30 MU to the group project.

Question 5: What is your total income if in addition to that, you contribute 0 MU? ___

Question 6: What is your total income if in addition to that, you contribute 10 MU?___

Question 7: What is your total income if in addition to that, you contribute 20 MU?___

(4) Assume that you contribute 10 MU to the group project.

Question 8: What is your total income if in addition to that, the other three group members contribute a total of 10 MU to the group project?____

Question 9: What is your total income if in addition to that, the other three group members contribute a total of 30 MU to the group project?____

Question 10: What is your total income if in addition to that, the other three group members contribute a total of 50 MU to the group project?____

Part I Decision

The decisions you make in this part of the experiment are based on the general setup described above. In this part, each group member has to make two types of decisions which, in the following, we will refer to as contribution of type I and contribution of type II.

For the contribution of type I, you need to fill in a table in which you indicate for all possible average contributions of your group members (computers), how many of your 20 MU you want to contribute to the group project.

For the contribution of type II, you need to indicate how many of your 20 MU you want to contribute to the group project.

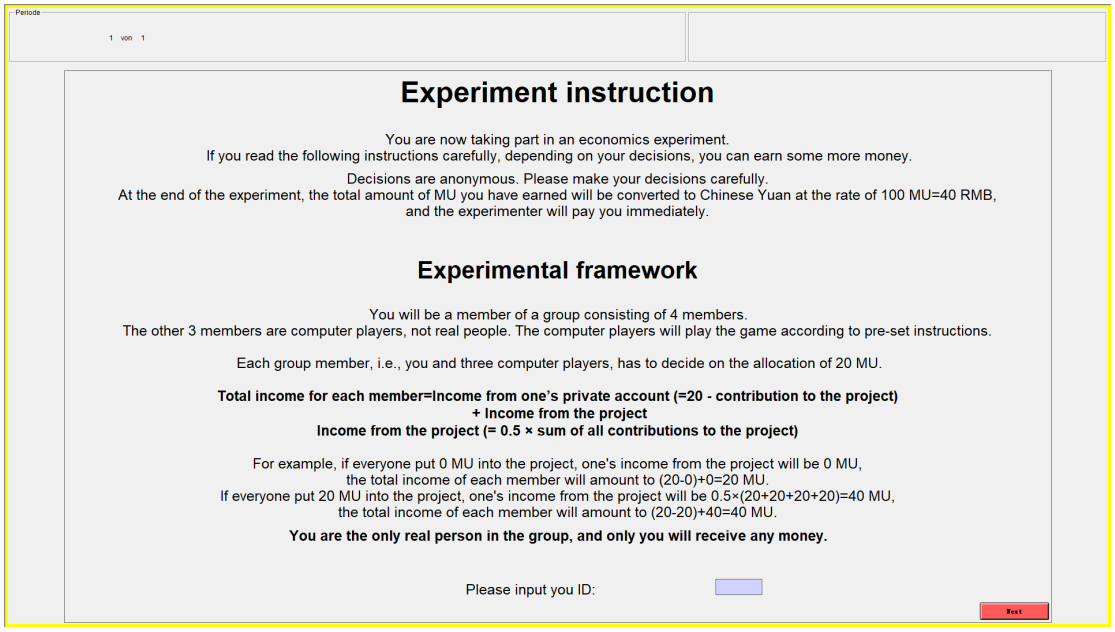
Part II Decision

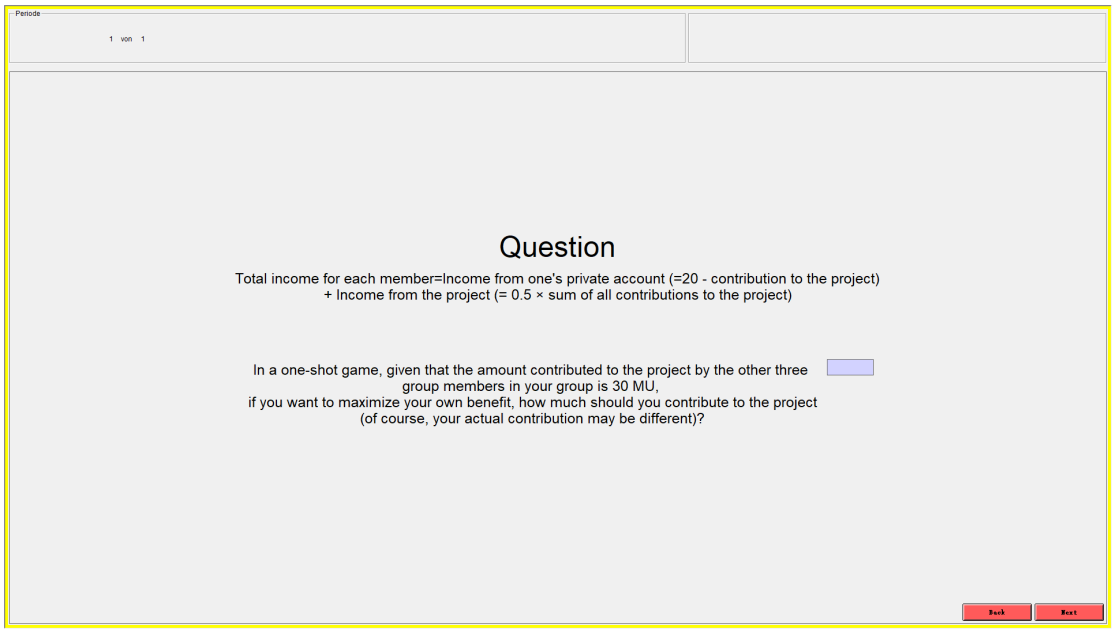
In what follows, we describe several scenarios based on a previous experiment.

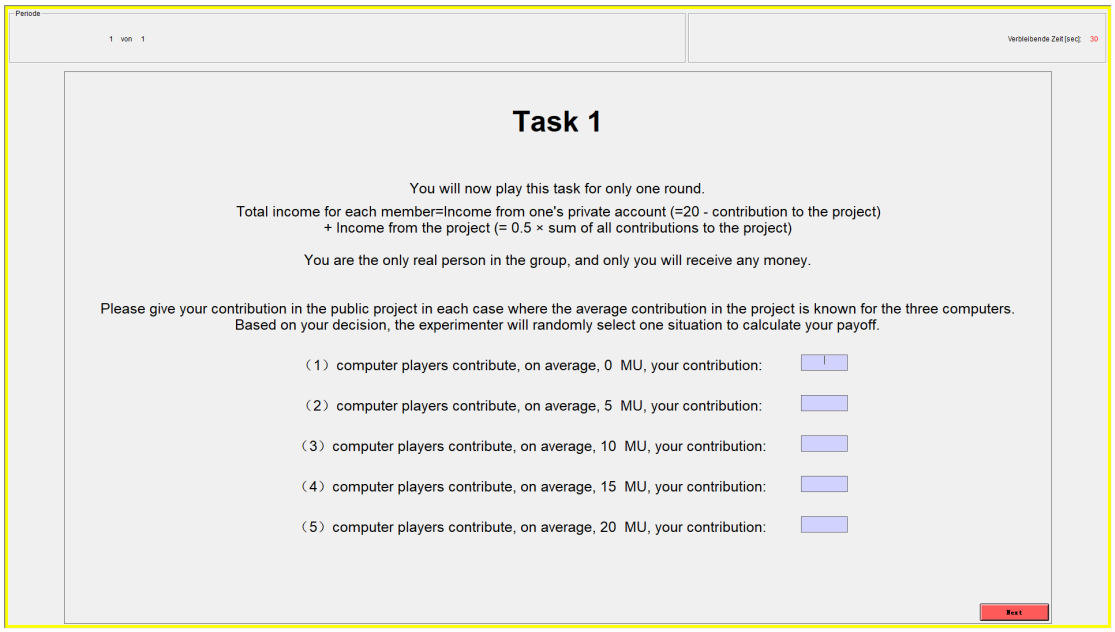
The experiment involved real stakes and participants' decisions were actually implemented.

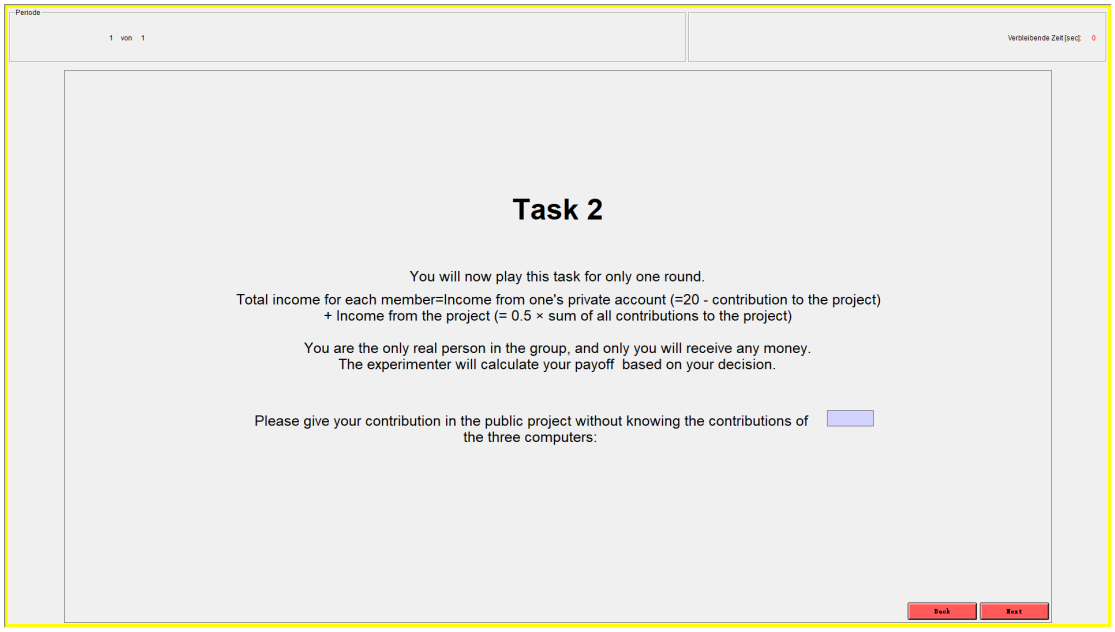
In the experiment, the participant made decisions like you did in Part I Decision.
For example, when the other three computer members contribute 0 MU to the group project, one might choose to contribute 0 MU to the group project.
There are three types of questions that you need to answer.
(1) Based on the scenario described above, please answer how much you think one should contribute.
(2) This experiment has already been played. We have data about what participants in previous experiments did. Please guess what you believe the most frequent decision the participants made in previous experiments about how much to contribute to the group project. At the end of the experiment, one of the possible scenarios would be selected at random. You will earn 10 MU if your guess is correct or if it is one unit above or below the correct answer.
(3) We have asked all participants in previous experiments what they believe should be done. Please guess what you believe is the most frequent answer that the participants in previous experiments give about what they believe should be done. At the end of the experiment, one of the possible scenarios would be selected at random. You will earn 10MU if your guess is correct or if it is one unit above or below the correct answer.

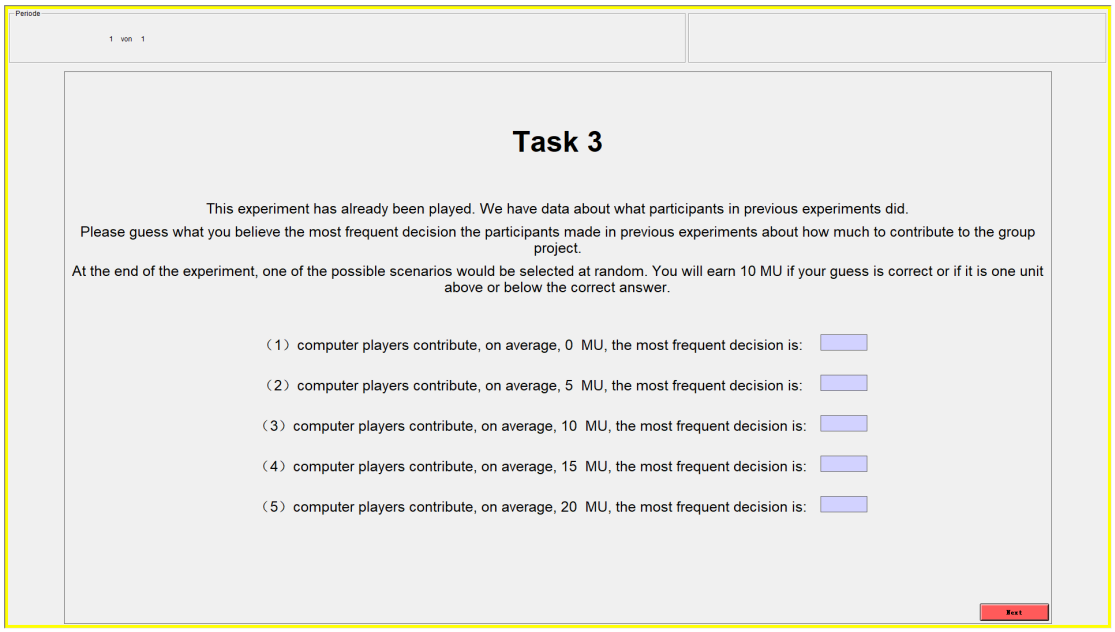
Screenshots of Additional Experiment 2

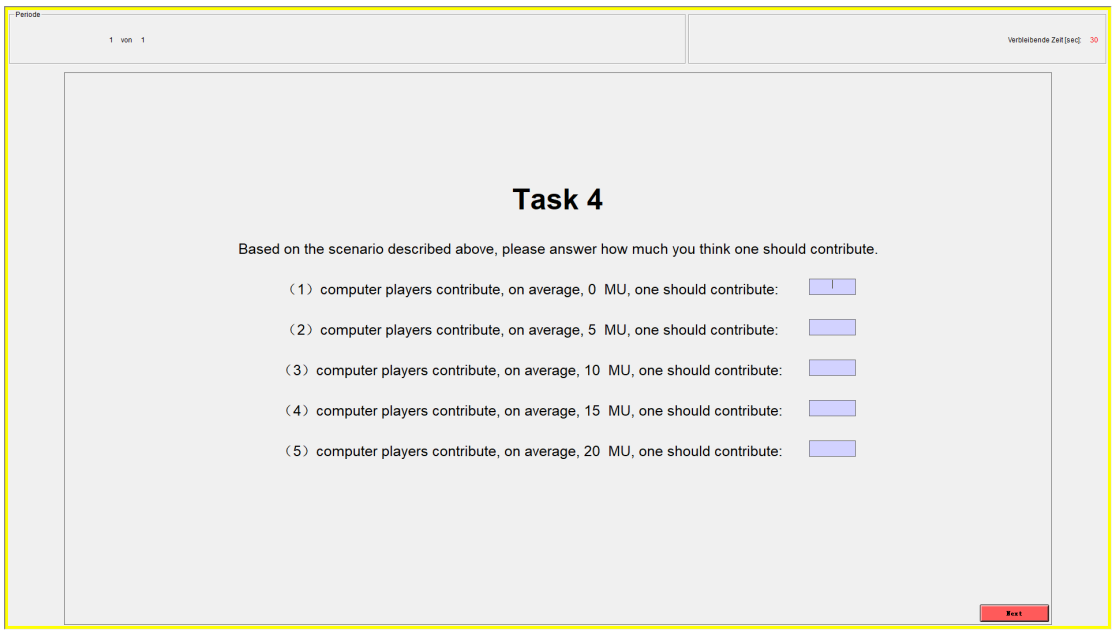


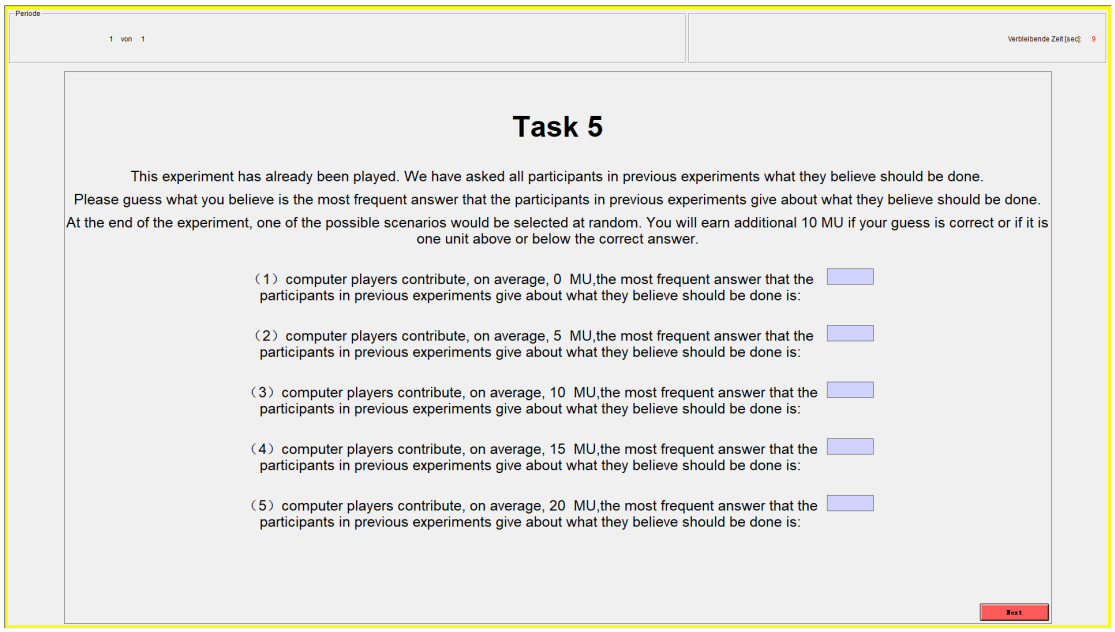


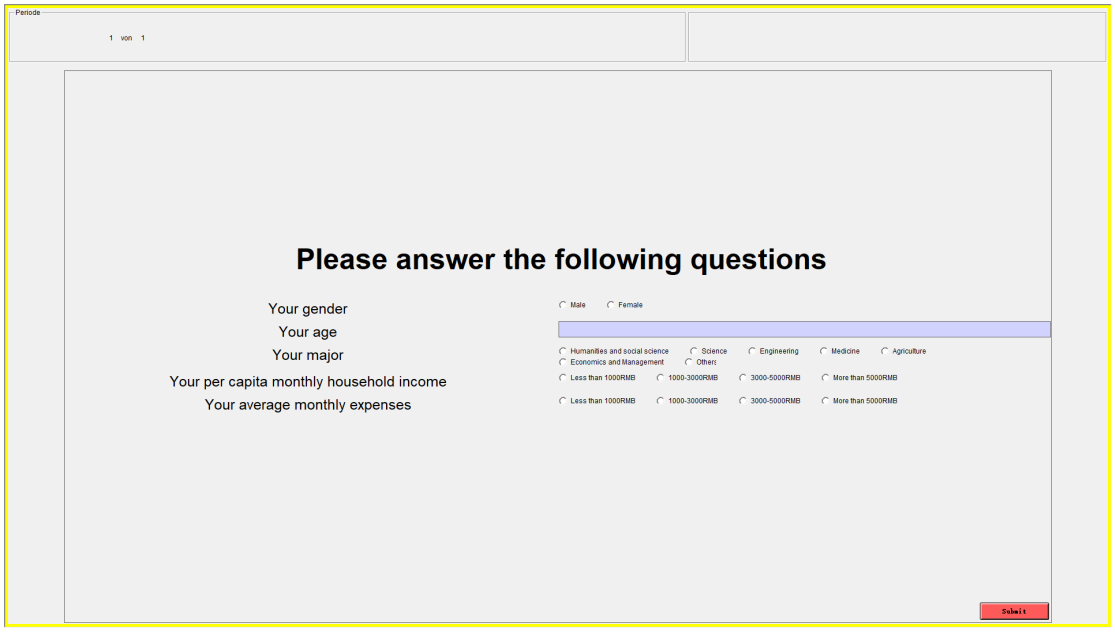

Periode
1 von 1
Verbleibende Zeit [sec]: 30
Task 1
You will now play this task for only one round.
Total income for each member=Income from one's private account (=20 - contribution to the project)
+ Income from the project (= 0.5 × sum of all contributions to the project)
You are the only real person in the group, and only you will receive any money.
Please give your contribution in the public project in each case where the average contribution in the project is known for the three computers.
Based on your decision, the experimenter will randomly select one situation to calculate your payoff.
（1）computer players contribute, on average, 0 MU, your contribution:
（2）computer players contribute, on average, 5 MU, your contribution:
（3）computer players contribute, on average, 10 MU, your contribution:
（4）computer players contribute, on average, 15 MU, your contribution:
（5）computer players contribute, on average, 20 MU, your contribution:
Next


Periode
1 von 1
Verbleibende Zeit [sec]: 0
Task 2
You will now play this task for only one round.
Total income for each member=Income from one's private account (=20 - contribution to the project)
+ Income from the project (= 0.5 × sum of all contributions to the project)
You are the only real person in the group, and only you will receive any money.
The experimenter will calculate your payoff based on your decision.
Please give your contribution in the public project without knowing the contributions of the three computers:
Back
Next


Periode
1 von 1
Task 3
This experiment has already been played. We have data about what participants in previous experiments did.
Please guess what you believe the most frequent decision the participants made in previous experiments about how much to contribute to the group project.
At the end of the experiment, one of the possible scenarios would be selected at random. You will earn 10 MU if your guess is correct or if it is one unit above or below the correct answer.
（1）computer players contribute, on average, 0 MU, the most frequent decision is:
（2）computer players contribute, on average, 5 MU, the most frequent decision is:
（3）computer players contribute, on average, 10 MU, the most frequent decision is:
（4）computer players contribute, on average, 15 MU, the most frequent decision is:
（5）computer players contribute, on average, 20 MU, the most frequent decision is:
Next


Periode
1 von 1
Verbleibende Zeit [sec]: 30
Task 4
Based on the scenario described above, please answer how much you think one should contribute.
（1）computer players contribute, on average, 0 MU, one should contribute:
（2）computer players contribute, on average, 5 MU, one should contribute:
（3）computer players contribute, on average, 10 MU, one should contribute:
（4）computer players contribute, on average, 15 MU, one should contribute:
（5）computer players contribute, on average, 20 MU, one should contribute:
Next


Periode
1 von 1
Verbleibende Zeit [sec]: 9
Task 5
This experiment has already been played. We have asked all participants in previous experiments what they believe should be done.
Please guess what you believe is the most frequent answer that the participants in previous experiments give about what they believe should be done.
At the end of the experiment, one of the possible scenarios would be selected at random. You will earn additional 10 MU if your guess is correct or if it is one unit above or below the correct answer.
（1）computer players contribute, on average, 0 MU,the most frequent answer that the participants in previous experiments give about what they believe should be done is:
（2）computer players contribute, on average, 5 MU,the most frequent answer that the participants in previous experiments give about what they believe should be done is:
（3）computer players contribute, on average, 10 MU,the most frequent answer that the participants in previous experiments give about what they believe should be done is:
（4）computer players contribute, on average, 15 MU,the most frequent answer that the participants in previous experiments give about what they believe should be done is:
（5）computer players contribute, on average, 20 MU,the most frequent answer that the participants in previous experiments give about what they believe should be done is:
Next


Periode
1 von 1
Please answer the following questions
Your gender
Your age
Your major
Your per capita monthly household income
Your average monthly expenses
Male
Female
Humanities and social science
Science
Engineering
Medicine
Agriculture
Economics and Management
Others
Less than 1000RMB
1000-3000RMB
3000-5000RMB
More than 5000RMB
Less than 1000RMB
1000-3000RMB
3000-5000RMB
More than 5000RMB
Submit