

**To trust or not to trust:
The dynamics of social interaction in psychosis**

A.K.J. Fett et al.

Supplementary Material

Supplementary Material 1. Translation of the originally Dutch instructions for the experiment

Instructions decision making experiment

Welcome to the decision making experiment. It is very important for this experiment that you fully understand the instructions. Please read this information carefully. If you have a question, please do not hesitate to ask us. Simply raise your hand and we will come to you to answer your question.

You can earn money during this experiment. How much you will earn depends on your decisions, the decisions of the other participants and chance. Below we explain this in detail.

It is very important for this study that you refrain from talking to or communicating with the other participants while the experiment is ongoing. We therefore ask you to be quiet during the whole experiment. Please, also switch off your mobile phone. Thank you very much for your cooperation.

The meeting today comprises the decision making experiment and the completion of several questionnaires. It will take approximately 1½ hours.

The decision making experiment consists of 3 parts. Every part consists out of 5 or 10 decision making rounds. During each part of the experiment the computers of the participants will be connected to pairs of two. There are two roles. In every pair, one person gets assigned role A and one person gets assigned role B.

The experiment will work as follows:

1. A and B receive a start endowment of 10 Euro at the beginning of every round.
2. A then has to decide how much of his/her start endowment he/she wants to send to B.
3. The money that is send by A is tripled during the transfer to B. B receives three times the amount that has been sent by A.
4. B then has to decide how much of the received amount (thus exclusive of the start endowment of 10 Euro) he/she wants to return to A.
5. The earnings of A and B will be saved by the computer at the end of each round.

Then, the next round starts. This round works in exactly the same way.

Calculation of the earnings in each round:

Earning A = 10 Euro – amount sent to B + amount received from B.

Earning B = 10 Euro + 3 x amount sent by A – amount sent to A.

NOTE: A and B stay connected to each other during all rounds of one part of the experiment. Your earnings in one round are dependent on your own decisions, as well as the decisions of the participant you are connected to. In every part of the experiment we will connect your computer to another participant. At the end of the experiment the earning of a randomly selected round will be anonymously paid to you in cash.

Next to the computer you will find a declaration form. Please, complete the form and hand it in to the experimenter. You are allowed to make notes during the experiment. Paper and a pen are provided on your desk. Please ask us if anything is unclear and we will come to you to explain the experiment in detail.

Good luck!

Supplementary Material 2. Questionnaire about the Trust Game

Questionnaire about the experiment

It is important for the experiment that you fully understand the instructions. We therefore, would like to ask you to answer the following questions. This is not a test; it simply helps us to see whether the procedure of the experiment is clear to all the participants.

Please, raise your hand once you have completed all of the questions and one of the experimenters will come to your desk to discuss your answers with you.

Example:

Earning A = 10 Euro – amount sent to B + amount received from B.

Earning B = 10 Euro + 3 x amount sent by A – amount sent to A.

1. A sends 6 Euro to B. How many Euros will B receive?

Answer: $6 \times 3 = 18$

2. A sends 5 Euro to B and B sends 10 Euro back to A. What are the earnings of A and B during this round?

Answer: Earning A: $10 - 5 + 10 = 15$ Euro

Answer: Earning B: $10 + (3 \times 5) - 10 = 15$ Euro

Note: Answers were not part of the original comprehension questions.

Question 1:

Which start endowment has a participant with role A at the beginning of each round?

Answer: Euro

Answer is 10

Question 2:

Which start endowment has a participant with role B at the beginning of each round?

(Note: B cannot send this money to A at any time during the game)

Answer: Euro

Answer is 10

Question 3a:

A send 3 Euro to B. How much money does B receive?

Answer: Euro

Answer is 9

Question 3b:

A sends 8 Euro to B. How much money does B receive?

Answer: Euro

Answer is 24

Question 4a:

A sends 6 Euro to B. How much money can B minimally/maximally send back to A?

Answer: minimal.....Euro

Answer is: 0 Euro

Answer: maximal.....Euro

Answer is: 18 Euro

Question 4b:

A sends 0 Euro to B. How much money can B minimally/maximally send back to A?

Answer: minimal.....Euro

Answer is: 0 Euro

Answer: maximal.....Euro

Answer is: 0 Euro

Question 5a:

A sends 9 Euro to B and B decides to return 17 Euro to A.
What are the earnings of A and B during this round?

Answer: Earning A Euro

Answer is: 18 Euro

Answer: Earning B Euro

Answer is: 20 Euro

Question 5b:

A sends 4 Euro to B and B decides to return 1 Euro to A. What are the earnings of A and B during this round?

Answer: Earning A Euro

Answer is: 7 Euro

Answer: Earning B Euro

Answer is: 21 Euro

Question 6:

How do we determine you earnings?

At the end of the experiment:

- a) a randomly chosen round of the experiment is selected and the earnings from the selected round are paid.
- b) one round is chosen randomly within each part of the experiment and the sum of the earnings of these rounds is paid.
- c) the sum of the earnings of all rounds are paid.
- d) the mean earning of all rounds is paid.

- a
- b
- c
- d

Answer is: A

Question 7:

You will be connected to a different participant during each round within one part of the experiment.

- True
- False

Answer is: False

Question 8:

At the beginning of a new part of the experiment you will be connected to a different participant than in the previous part.

- True
- False

Answer is: True

Supplementary Material 3. Additional information on the trustee sample

The current sample included 176 students who participated as trustees. This group consisted of 27.43 % males. The mean age was 23.04 years (SD = 7.7).

Table 1 | Means and standard deviations of the trustee repayments by experimental group and condition

		Control	Relative	Patient
Condition		N = 35	N = 24	N = 29
		M (SD)	M (SD)	M (SD)
Baseline	Euro	10.77 (7.34)	7.46 (6.12)	7.71(5.79)
Cooperative Context	Euro	11.87 (6.43)	10.83 (6.43)	8.54 (6.20)
Feedback	Euro	11.87 (7.62)	10.77 (6.99)	8.94 (6.82)