

Online-Appendix A. Instructions

The original instructions were in German (available upon request). Below, we provide a translation and indicate the differences between treatments with text in italics. The text in bold was bold in the original instructions. Part two of the instructions was an on-screen questionnaire on demographics.

Please read these instructions carefully. If you don't understand something, please show it by raising your hand. We will then come to you and answer your questions privately.

Please do not communicate with other participants during the experiment.

The instructions are identical for all participants.

You will make your decisions on the computer.

All decisions remain anonymous. This means that you will not learn the identity of other participants and no participant will learn your identity.

The experiment consists of two parts. The two parts are independent of each other. This means that your decisions in the first part will not affect your earnings in the second part and vice versa. At the beginning of each part you will receive detailed instructions, for part one on paper, for part two on your computer screen.

In each part of the experiment you will earn money. How exactly you will earn money is described in the instructions.

Your earnings in this experiment (i.e., the sum of your earnings from both parts) will be paid to you privately and in cash at the end of the experiment.

For your punctual appearance and regardless of your decisions in the experiment, you will receive a participation bonus of 5 euros.

Part 1

Your task

Ten boxes will appear on your computer screen. Contained within them are the numbers 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. The numbers are hidden in the boxes and the order of the boxes is random. That means, you won't know which number is hidden in which box. Once you click on a box, you will see the number it contains.

You are supposed to click on the box of your choice to see the number inside. You will then be asked what number you saw. **Your task is to decide what number you want to report.** No other participant will know what number you saw. You will also not know what numbers the other participants saw. Part one consists of this single decision.

Two roles for participants

Each participant will be randomly assigned to a role A or B. Each participant A will also be randomly matched to *one participant B./two participants B; we will call them B1 and B2./five participants B; we will call them B1, B2, B3, B4 and B5.* You will make your decision without knowing whether you have role A or role B. After you have made your decision, you will be informed about your role.

Earnings

Participant A's decision determines the earnings of both Participant A and *participant B/the two participants B/the five participants B that is/are matched to A.* The table below shows the earnings Participant A and Participant B will each receive, depending on the number that Participant A reported.

Treatment ONE

A reported	1	2	3	4	5	6	7	8	9	10
A gets	1 €	2 €	3 €	4 €	5 €	6 €	7 €	8 €	9 €	10 €
B gets	10 €	9 €	8 €	7 €	6 €	5 €	4 €	3 €	2 €	1 €

Treatment TWO

A reported	1	2	3	4	5	6	7	8	9	10
A gets	1 €	2 €	3 €	4 €	5 €	6 €	7 €	8 €	9 €	10 €
B1 gets	10 €	9 €	8 €	7 €	6 €	5 €	4 €	3 €	2 €	1 €
B2 gets	10 €	9 €	8 €	7 €	6 €	5 €	4 €	3 €	2 €	1 €

Treatment TWOsplit

A reported	1	2	3	4	5	6	7	8	9	10
A gets	1 €	2 €	3 €	4 €	5 €	6 €	7 €	8 €	9 €	10 €
B1 gets	5 €	4.5 €	4 €	3.5 €	3 €	2.5 €	2 €	1.5 €	1 €	0.5 €
B2 gets	5 €	4.5 €	4 €	3.5 €	3 €	2.5 €	2 €	1.5 €	1 €	0.5 €

Treatment FIVE

A reported	1	2	3	4	5	6	7	8	9	10
A gets	1 €	2 €	3 €	4 €	5 €	6 €	7 €	8 €	9 €	10 €
B1 gets	10 €	9 €	8 €	7 €	6 €	5 €	4 €	3 €	2 €	1 €
B2 gets	10 €	9 €	8 €	7 €	6 €	5 €	4 €	3 €	2 €	1 €
B3 gets	10 €	9 €	8 €	7 €	6 €	5 €	4 €	3 €	2 €	1 €
B4 gets	10 €	9 €	8 €	7 €	6 €	5 €	4 €	3 €	2 €	1 €
B5 gets	10 €	9 €	8 €	7 €	6 €	5 €	4 €	3 €	2 €	1 €

Treatment FIVEsplit

A reported	1	2	3	4	5	6	7	8	9	10
A gets	1 €	2 €	3 €	4 €	5 €	6 €	7 €	8 €	9 €	10 €
B1 gets	2 €	1.8 €	1.6 €	1.4 €	1.2 €	1 €	0.8 €	0.6 €	0.4 €	0.2 €
B2 gets	2 €	1.8 €	1.6 €	1.4 €	1.2 €	1 €	0.8 €	0.6 €	0.4 €	0.2 €
B3 gets	2 €	1.8 €	1.6 €	1.4 €	1.2 €	1 €	0.8 €	0.6 €	0.4 €	0.2 €
B4 gets	2 €	1.8 €	1.6 €	1.4 €	1.2 €	1 €	0.8 €	0.6 €	0.4 €	0.2 €
B5 gets	2 €	1.8 €	1.6 €	1.4 €	1.2 €	1 €	0.8 €	0.6 €	0.4 €	0.2 €

In other words, suppose participant A reported $\mathbf{X}$. Then participant A's earnings are equal to $\mathbf{X}$ €. *Participant B/Each participant B* with whom A is matched gets $(11-\mathbf{X})$ €/ $(11-\mathbf{X})/2$ €/ $(11-\mathbf{X})/5$ €.

Finally, you will be informed about your role and your earnings. Then part one will end.

The sequence of events in part one at a glance:

1. Click on a box, see the number inside.
2. Decide what number you want to report.
3. Learn your role and your payoff.

Control questions

The following questions are to ensure that you have understood the instructions correctly. As soon as you have answered them, please raise your hand. We will then come to you, check your answers and ask you to correct any incorrect answers. Once all participants have answered the control questions correctly, the experiment will begin.

Question 1: Suppose Participant A reports the number 8. Please determine:

- the payoff of participant A: ___ euros
- the payoff of *participant/each participant* B, who is matched to participant A: ___ euros

Question 2: What payoff does participant A receive if participant *B/B1*, who is matched to him, has reported a 2?

- a. A's payoff is equal to the number that A has reported. This number is not known here, so it is unclear what payoff A will receive.
- b. The payoff of A is 2.

Question 3: Which of the following numbers determines the payoffs of participant A and *participant/participants* B?

- a. The number that participant A saw in the box;
- b. The number that participant A reported;
- c. The number that participant *B/B1* saw in the box;
- d. The number that participant *B/B2* reported.

Part 2

Please answer the following questions. You will be paid 1.5 euros.

Your sex: [male / female]

Your age: [positive natural number]

Your field of study: [Economics / Business studies / Social sciences / Psychology / Humanities / Legal sciences / Natural sciences / other]

How often have you participated in experiments? [never / once / 2 to 5 times / more than 5 times]

How many other participants in this experiment (in this room) do you know personally? [0 / ... / 24]

Would you say that most of the time you are trying to be helpful or just pursuing your own interests? [helpful / pursuing own interests, 6-point scale]

It is important to me to tell the truth [fully agree / do not agree at all, 6-point scale]

Equality is important to me [fully agree / do not agree at all, 6-point scale]

Not wasting resources is important to me [fully agree / do not agree at all, 6-point scale]

I think it's okay to enrich myself at the expense of others [fully agree / do not agree at all, 6-point scale]

What considerations led to your decision in Part 1? [freeform text field]

Online-Appendix B. Robustness check

	Dependent variable: Size of over-report $\in \{1, \dots, 9\}$		
	(1)	(2)	(3)
Two receivers	0.462 (0.295)	0.019 (0.322)	0.096 (0.348)
Five receivers	0.641* (0.291)	0.129 (0.324)	0.048 (0.353)
Split		0.928*** (0.256)	1.068** (0.352)
Two receivers $\times$ Split			-0.290 (0.500)
Observations	280	280	280
Postestimation Wald tests to compare treatments:			
H_0 : Two $\geq$ One			$p = 0.609$
H_0 : Five $\geq$ One			$p = 0.554$
H_0 : Five $\geq$ Two			$p = 0.448$
H_0 : Two split $\leq$ One			$p < 0.001$
H_0 : Five split $\leq$ One			$p < 0.001$
H_0 : Five split $\leq$ Two split			$p = 0.237$

Standard errors in parantheses. Estimation by ordered logit regression. Reference categories are One receiver and Five receivers $\times$ Split. Only over-reports are considered. Controlled for gender of the participants. † , *, ** and *** denote significance at the 10%, 5%, 1% and 0.1% level, respectively.

Table 6: Ordered logit regressions on the size of over-reports.

Online-Appendix C. Frequency of reported numbers by observed numbers in treatments ONE, TWO, & FIVE

ONE		Reported number									
		1	2	3	4	5	6	7	8	9	10
Observed number	1	2	0	1	0	0	3	2	0	0	5
	2	0	2	0	0	2	2	1	0	0	4
	3	0	0	3	0	0	3	1	0	0	4
	4	0	0	0	4	0	2	2	0	0	3
	5	0	0	0	0	1	1	4	1	0	5
	6	1	0	0	0	0	3	4	0	1	3
	7	0	0	0	0	3	1	3	0	0	4
	8	0	0	0	0	1	2	0	4	0	4
	9	0	0	0	0	1	4	1	0	4	2
	10	0	0	0	0	0	2	1	0	0	7

TWO		Reported number									
		1	2	3	4	5	6	7	8	9	10
Observed number	1	3	0	0	0	3	2	1	1	0	2
	2	0	2	0	1	1	1	0	0	0	6
	3	0	0	3	0	2	1	1	1	0	3
	4	0	0	0	4	2	1	0	1	0	4
	5	0	0	0	0	4	1	0	2	1	4
	6	0	0	0	0	2	5	1	1	0	3
	7	1	0	0	0	0	1	6	0	1	3
	8	1	1	0	0	0	1	0	8	0	1
	9	0	0	0	1	1	1	1	0	6	2
	10	1	0	0	0	1	2	0	0	0	7

FIVE		Reported number									
		1	2	3	4	5	6	7	8	9	10
Observed number	1	2	0	0	0	1	2	2	2	0	4
	2	1	3	1	0	2	2	0	0	0	3
	3	1	0	4	1	0	1	0	1	0	3
	4	3	0	0	3	1	2	0	0	0	3
	5	0	0	1	0	4	1	1	2	0	3
	6	0	0	0	0	2	6	1	1	1	1
	7	0	0	1	0	0	1	6	0	0	4
	8	0	0	0	1	0	2	0	5	0	4
	9	1	0	0	0	0	2	0	0	7	3
	10	1	0	0	0	0	1	0	0	0	9

Frequency of reported numbers by observed numbers in treatments ONE, TWOsplit, & FIVEsplit

ONE		Reported number									
		1	2	3	4	5	6	7	8	9	10
Observed number	1	2	0	1	0	0	3	2	0	0	5
	2	0	2	0	0	2	2	1	0	0	4
	3	0	0	3	0	0	3	1	0	0	4
	4	0	0	0	4	0	2	2	0	0	3
	5	0	0	0	0	1	1	4	1	0	5
	6	1	0	0	0	0	3	4	0	1	3
	7	0	0	0	0	3	1	3	0	0	4
	8	0	0	0	0	1	2	0	4	0	4
	9	0	0	0	0	1	4	1	0	4	2
	10	0	0	0	0	0	2	1	0	0	7

TWOsplit		Reported number									
		1	2	3	4	5	6	7	8	9	10
Observed number	1	1	0	0	1	3	0	1	0	0	7
	2	1	3	0	1	0	0	0	1	2	4
	3	0	0	2	0	1	0	1	0	1	6
	4	0	0	0	5	1	1	1	0	0	4
	5	1	0	0	2	4	0	0	0	0	4
	6	0	0	0	2	1	5	0	0	1	3
	7	0	0	0	1	1	1	8	0	0	1
	8	0	0	0	0	2	1	0	5	1	3
	9	0	0	0	1	0	1	0	0	6	4
	10	0	0	0	0	0	0	0	2	0	8

FIVEsplit		Reported number									
		1	2	3	4	5	6	7	8	9	10
Observed number	1	5	0	0	0	1	1	0	0	1	5
	2	0	6	0	0	0	0	0	1	1	4
	3	0	1	1	0	1	1	0	0	0	7
	4	0	1	1	2	0	1	0	0	1	6
	5	0	1	0	0	2	0	1	0	0	8
	6	0	0	0	0	0	7	0	1	0	4
	7	0	1	0	0	1	1	5	0	0	4
	8	0	0	0	1	1	0	0	6	0	4
	9	1	1	0	0	0	1	0	0	7	3
	10	0	1	0	1	1	0	0	0	0	8