Supplementary Information

Table S1 and S2 shows results from the trust game that was played after the main task (see methods section). As shown in Table S1, there was no significant difference in extended trust between group members in the reset and shadow treatment compared to the control treatment. Descriptively, however, participants in the reset treatment transferred around 1 unit more to their receiver compared to the control treatment. As Table S2 shows, we did not observe significant differences in reciprocity (i.e., backtransfers in the trust game) across conditions. We should note that participants were told that they are paired with one other group member of the previous task. However, they did not know which participant and also not which role this participant had (i.e., defender vs. attacker or in-group vs. out-group member). Future studies could therefore test whether a conflict episode influences trust when participants actually know who they interact with (e.g., former perpetrator vs. victim).

Table S1. Trust decisions.

Regression modeling average trust between group members as a function of treatment.

Coefficient	estimate est. (std. error)	p-value
intercept (treatment = control)	5.163 (0.348)	<0.001
reset	0.938 (0.493)	0.062
shadow	0.325 (0.493)	0.512

Table S2. Reciprocity decisions.

Regression modeling average reciprocity of trust between group members as a function of treatment.

Coefficient	estimate est. (std. error)	p-value
intercept (treatment = control)	6.022 (0.335)	<0.001
reset	-0.045 (0.474)	0.925
shadow	0.141 (0.474)	0.768

The figures below show screenshots from the instructions and the decision interface, as shown on the computers of participants (with exemplary input).

Figure S1-S5: Instructions of the attacker-defender game.
 Figure S6-S8: Comprehension checks of the attacker-defender game.
 Figure S9-S10: Decision screens of the attacker-defender game.
 Figure S11-S16: Instructions of the public-goods game.
 Figure S17-S21: Comprehension checks of the public-goods game.
 Figure S22-S29: Decision screens of the public-goods game.

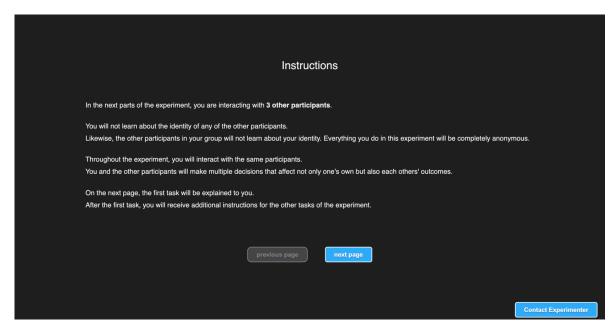


Figure S1. Attacker-defender game instructions (page 1).

Shadow of Conflict - 3 -

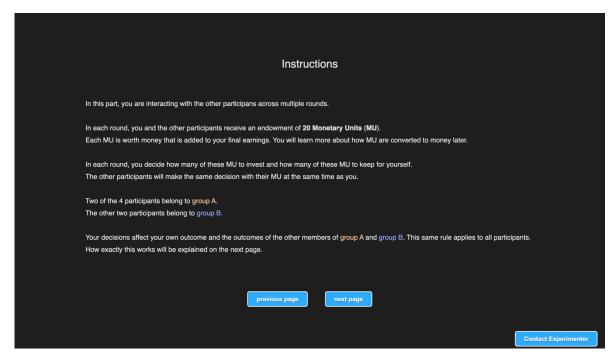


Figure S2. Attacker-defender game instructions (page 2).



Figure S3. Attacker-defender game instructions (page 3).

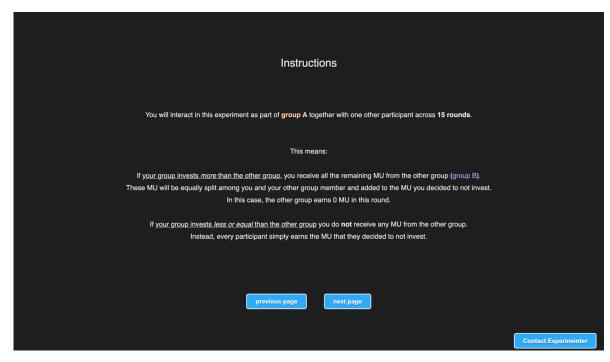


Figure S4. Attacker-defender game instructions (attacker role, page 4).

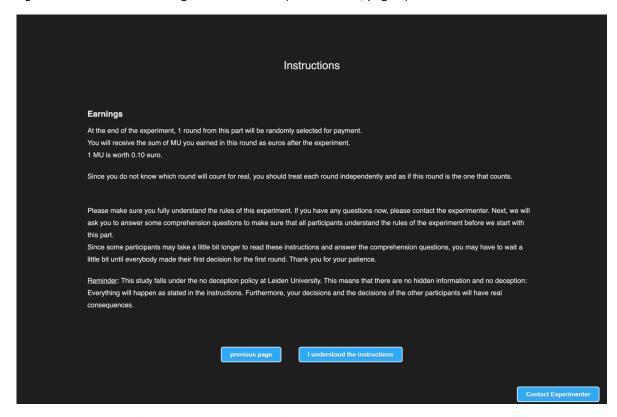


Figure S5. Attacker-defender game instructions (page 5).

Question 1. How much I earn in this experiment depends partly on my own behaviour. ② correct Question 2. How much I earn in this experiment may depend on the behaviour of the other participants. ③ correct Question 3. This part of the experiment consists of 15 rounds. ③ correct Question 4. I am part of group A. ③ correct ④ incorrect	In order to make sure that all participants understand the rules of the experiment, we ask you to answer several comprehension questions. You we also be able to start with the study if you answer all of the questions correctly. If you have any questions, please do not hesitate to contact the experimenter. page 1/3	will
Question 3. This part of the experiment consists of 15 rounds. correct fincorrect Question 4. I am part of group A.		
© correct ● incorrect Question 4. I am part of group A.		
submit	● correct • incorrect	

Figure S6. Attacker-defender game - comprehension questions (page 1). Correct answers highlighted.

In order to make sure that all participants understand the rules of the experiment, we ask you to answer several comprehension questions. You be able to start with the study if you answer all of the questions correctly. If you have any questions, please do not hesitate to contact the experimenter.	u will
page 2/3	
Consider the following hypothetical round of the experiment:	
Group member 1 from group A invests 14 MU and keeps 6 MU.	
Group member 2 from group A invests 9 MU and keeps 11 MU.	
Group member 1 from group B invests 4 MU and keeps 16 MU. Group member 2 from group B invests 10 MU and keeps 10 MU.	
Hence, group A invests 23 MU in total. Hence, group B invests 14 MU in total.	
Question 5. How many MU would group member 1 from group A earn in this example?	
• 0 • 6 • 13 • 19	
Question 6. How many MU would group member 2 from group A earn in this example?	
• 0 • 11 • 13 • 24	
Question 7. How many MU would group member 1 from group B earn in this example?	
○ 0	
Question 8. How many MU would group member 2 from group B earn in this example?	
○ 0	
submit	
	Contact Experimenter

Figure S7. Attacker-defender game - comprehension questions (page 2). Correct answers highlighted.

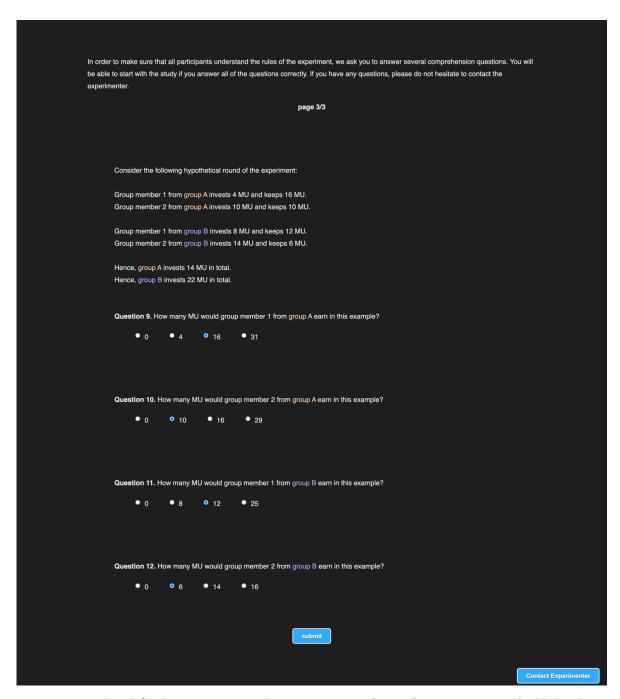


Figure S8. Attacker-defender game - comprehension questions (page 3). Correct answers highlighted.

Shadow of Conflict - 9 -

Round 1/15	
You have 20 MU this round.	
You are part of group A.	
Please decide how you want to allocate your MU.	
invest: 6 MU	
MU MU	
keep: 14 MU	
accept & submit	
	Contact Experimenter

Figure S9. Attacker-defender game - decision screen with exemplary input.

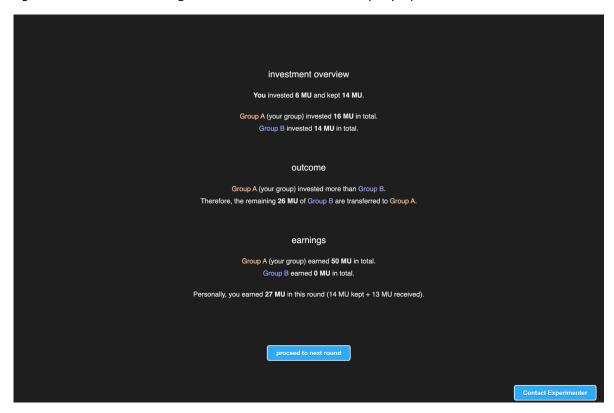


Figure S10. Attacker-defender game - exemplary feedback screen.

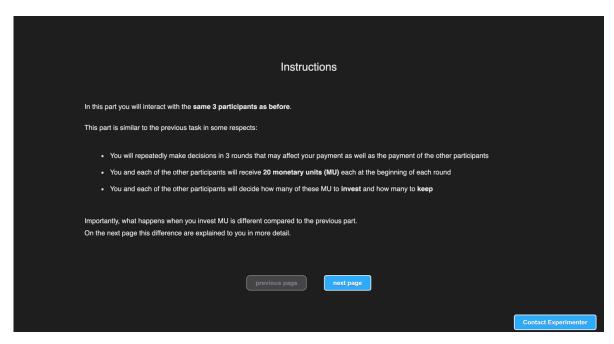


Figure S11. Public goods game instructions (page 1).

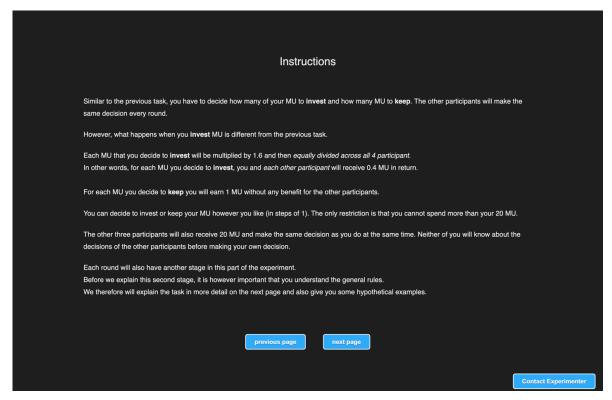


Figure S12. Public goods game instructions (page 2).

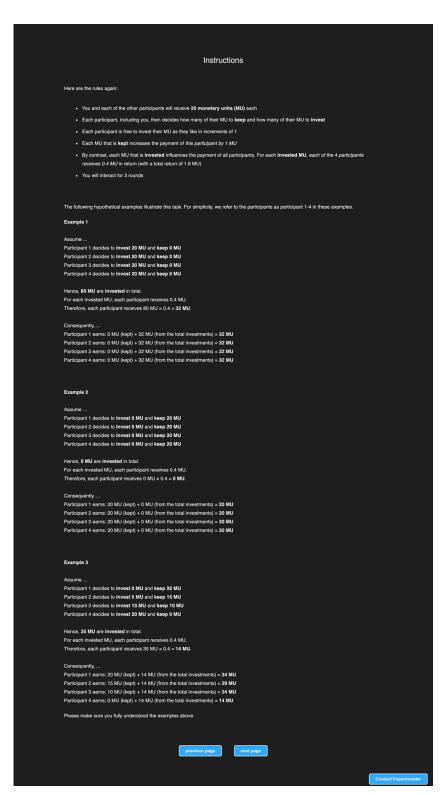


Figure S13. Public goods game instructions (page 3).

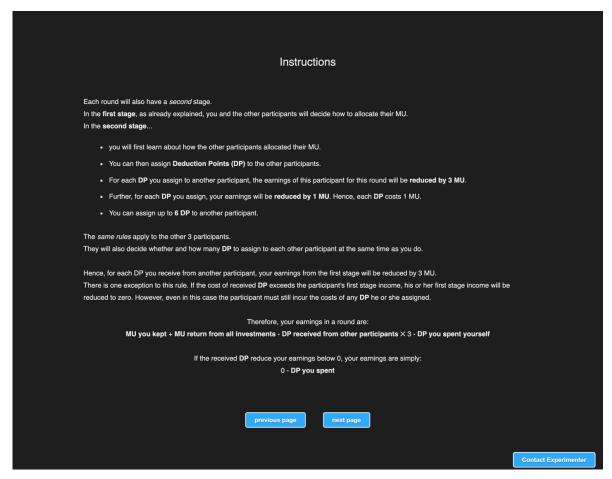
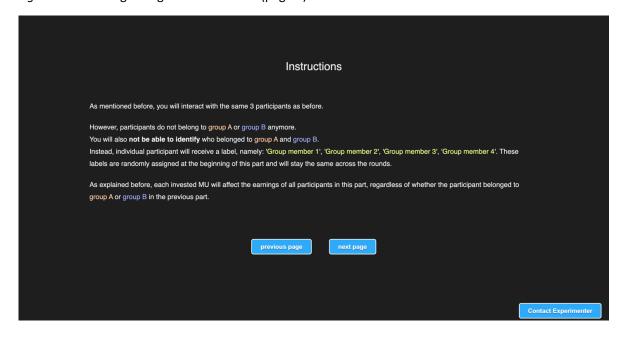


Figure S14. Public goods game instructions (page 4).



Shadow of Conflict - 13 -

Figure S15. Public goods game instructions (page 4 of the reset treatment).

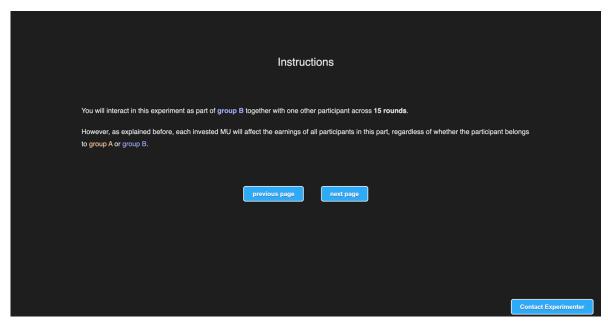


Figure S16. Public goods game instructions (page 4 of the shadow treatment).

Shadow of Conflict - 14 -

In order to make sure that all participants understand the rules of the experiment, we ask you to answer several comprehension questions. You be able to start with the study if you answer all of the questions correctly. If you have any questions, please do not hesitate to contact the experimenter. page 1/5	ı will
page 1/3	
Question 1. How much I earn in this experiment depends partly on my own behavior.	
o correct o incorrect	
Question 2. How much I earn in this experiment may depend on the behavior of the other participants.	
© correct ● incorrect	
Question 3. For each MU that a participants decides to keep, only this participant will receive 1 MU.	
● correct ● incorrect	
Question 4. For each MU that a participant decides to invest, every participant will receive 0.4 MU in return.	
● correct ● incorrect	
submit	
	Contact Experimenter

Figure S17. Public goods game - comprehension questions (page 1). Correct answers highlighted.



Figure S18. Public goods game - comprehension questions (page 2). Correct answers highlighted.

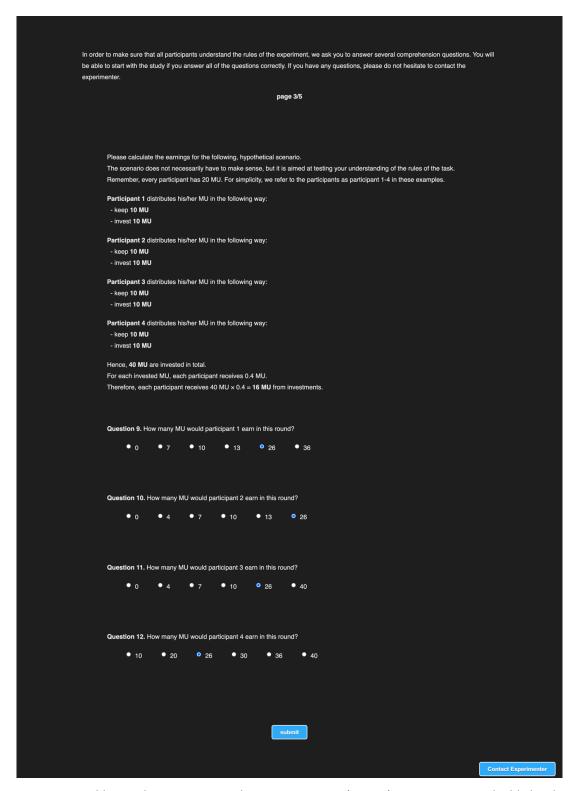


Figure S19. Public goods game - comprehension questions (page 3). Correct answers highlighted.

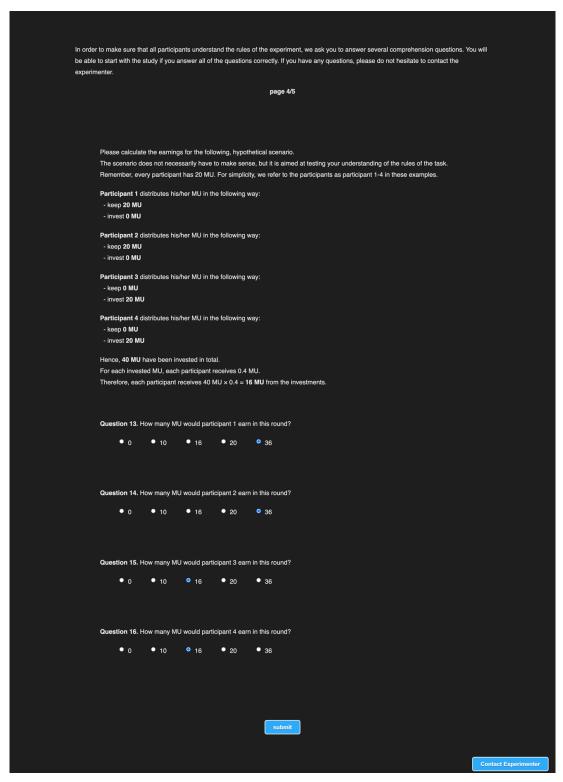


Figure S20. Public goods game - comprehension questions (page 4). Correct answers highlighted.

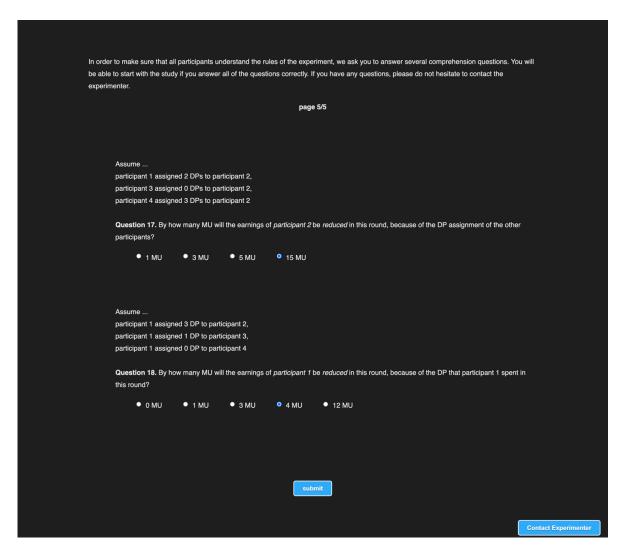


Figure S21. Public goods game - comprehension questions (page 5). Correct answers highlighted.

Shadow of Conflict - 19 -

Round 1/15	
You have 20 MU this round.	
Please decide how you want to allocate your MU.	
invest: 5 MU	
keep: 15 MU	
accept & submit	
	Contact Experimenter

Figure S22. Public goods game - decision screen with exemplary input (reset treatment).

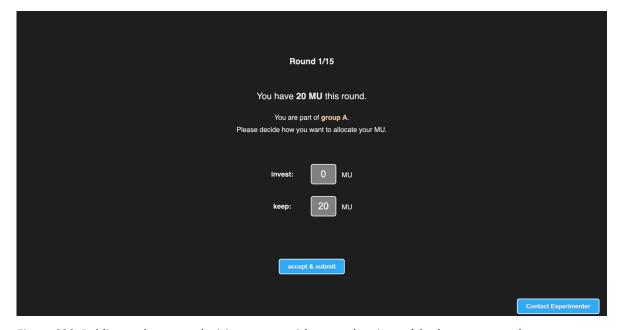


Figure S23. Public goods game - decision screen with exemplary input (shadow treatment).

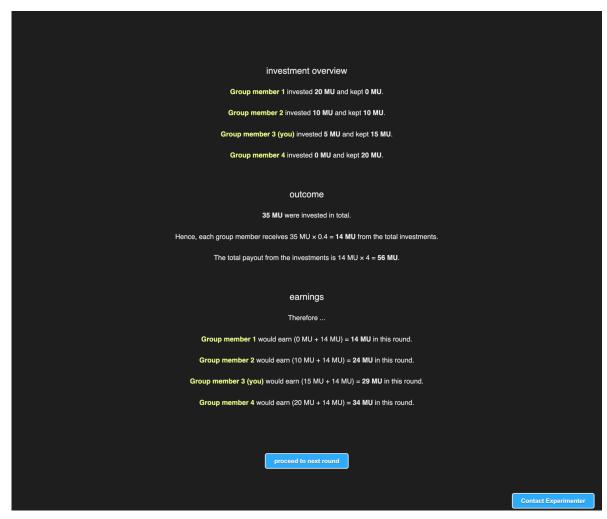


Figure S24. Public goods game - exemplary feedback screen (reset treatment).

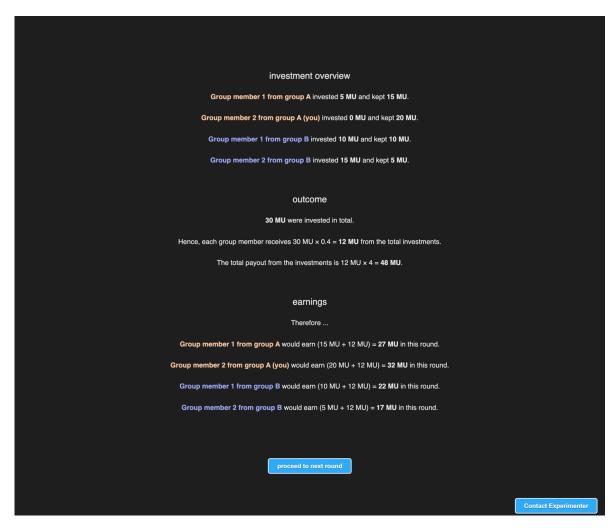


Figure S25. Public goods game - exemplary feedback screen (shadow treatment).

investment overview	
Group member 1 invested 20 MU and kept 0 MU.	
Group member 2 invested 10 MU and kept 10 MU.	
Group member 3 (you) invested 5 MU and kept 15 MU.	
Group member 4 invested 0 MU and kept 20 MU.	
You can now assign Deduction Points (DP) to other group members.	
Remember, for each DP you assign, the payoff of this group member is reduced by 3 MU .	
For each DP you assign to another group member, you have to pay 1 MU.	
You can assign up to 6 DP to each other group member.	
Assign Deduction Points for group member 1: 0 DP	
Assign Deduction Points for group member 1:	
Assign Deduction Points for group member 2 :	
Assign Deduction Points for group member 4: DP	
accept & submit	
	Contact Experimenter

Figure S26. Public goods game - punishment decision screen with exemplary input (reset treatment).

investment overview	
Group member 1 from group A invested 5 MU and kept 15 MU.	
Group member 2 from group A (you) invested 0 MU and kept 20 MU.	
Group member 1 from group B invested 10 MU and kept 10 MU.	
Group member 2 from group B invested 15 MU and kept 5 MU.	
You can now assign Deduction Points (DP) to other group members.	
Remember, for each DP you assign, the payoff of this group member is reduced by 3 MU . For each DP you assign to another group member, you have to pay 1 MU .	
You can assign up to 6 DP to each other group member.	
Assign Deduction Points for group member 1 from group A: O DP	
Assign Deduction Points for group member 1 from group B: O DP	
Assign Deduction Points for group member 2 from group B:	
accept & submit	
	Contact Experimenter

Figure S27. Public goods game - punishment decision screen with exemplary input (shadow treatment).

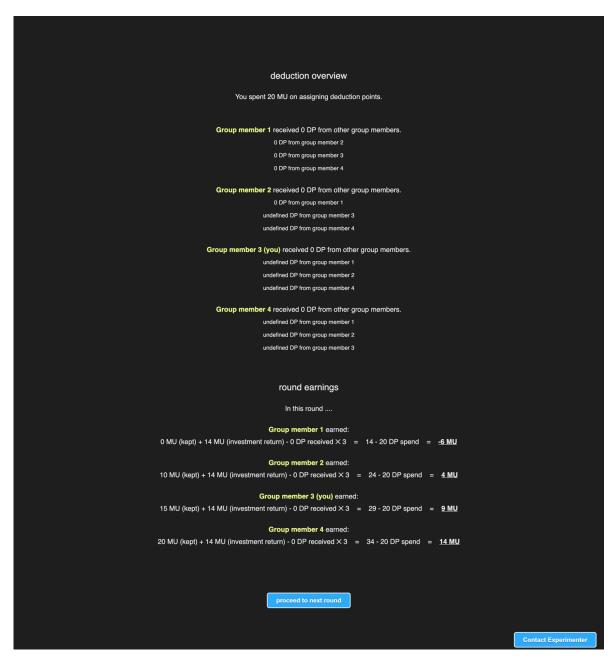


Figure S28. Public goods game - exemplary punishment feedback screen (reset treatment).

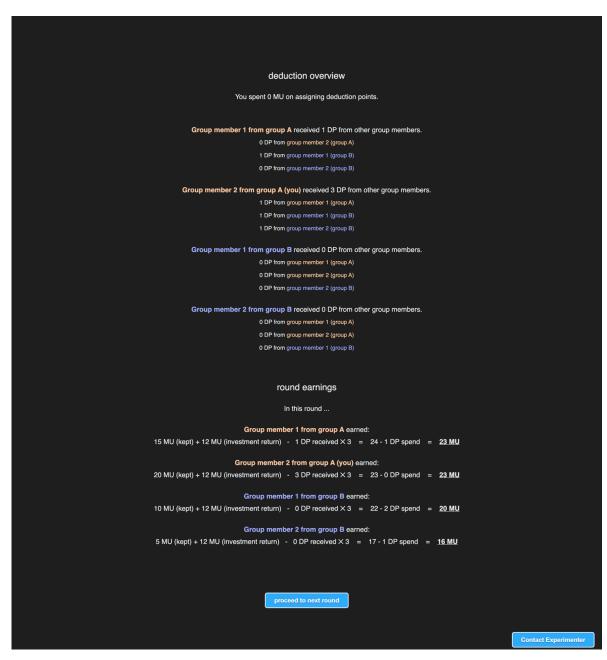


Figure S29. Public goods game - exemplary punishment feedback screen (shadow treatment).