Introduction Experimental Procedure Result Appendix

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A Collapse of Kindness? Repetition Effects in Laboratory Experiments.

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- Subjects typically recruited via subject pools (In Leipzig: http://lex.sozphil.uni-leipzig.de/)
- Research question: Does the behaviour of subjects that participate repeatedly in experiments in one lab change over time? → repetition effects
- If yes, how can we explain this change in behaviour?

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 - Increasingly "rational" behaviour in symmetric games with pure equilibria (similar to iterated games)

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- Berger & Baumeister (2017):
 - 1. cognitive learning processes between two experimental sessions, even if they are months apart
 - 2. strong evidence for "social learning" of conditional cooperators: bad experiences turn cooperators to defectors in a PD, but ...

Open Questions

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- ... a sizeable amount of cooperators "turn heel" without having experienced defection by alter.
- This effect seems to occur in addition to cognitive and/or social learning processes,
- A change of preferences occurs.
- We term this effect the "Collapse of Kindness"
- Can we reproduce this effect?

Design and Treatment

	May/June	October/November	January/February
	2016	2016	2017
G1	O_1	O_2	(O ₃)
G2	O_1		O_2

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- Anonymity treatment in 4 Levels: low, typical, high, online

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- Focus on Dictator Game
 - "Beliefs" and strategic considerations are irrelevant, game is as simple as it gets
 - Equilibrium: A ("Dictator") makes smallest possible offer
 - Suitable as a direct measurement of "Kindness"
 - Showup-Fee: 2.50 Euro, Endowment of Dictator: 10 Euro

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- Order of played games was randomized, as was the game and role to be payed off
- Concluding questionaire: demographics, motivation, trust scale, risk scale, patience, etc.

- · Teilnehmer A erhält 10,00 Euro von der Studienleitung.
- . Teilnehmer A teilt diesen Betrag zwischen sich und Teilnehmer B auf.
- Dabei kann Teilnehmer A dem Teilnehmer B einen Betrag zwischen 0,00 und 10,00 Euro zuteilen.
- · Teilnehmer B erhält den zugeteilten Betrag.
- · Teilnehmer A erhält den Rest.

Hier ein Beispielvideo:



Sie bearbeiten diese Aufgabe als Teilnehmer A. Ihnen wird dabei ein Studienteilnehmer anonym zugelost.

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Hier ein Beispielvideo:



Sie bearbeiten diese Aufgabe als Teilnehmer A. Ihnen wird dabei ein Studienteilnehmer anonym zugelost.

Sie sind Teilnehmer A. Bitte teilen Sie die 10,00 Euro auf. Welchen Betrag teilen Sie Teilnehmer B zu? 0,00 Euro 1,00 Euro 2,00 Euro 3,00 Euro 4,00 Euro 5,00 Euro 6,00 Euro 7,00 Euro 8,00 Euro 9,00 Euro 10,00 Euro

Selection Effects

Repetition Effects: Description and Causes

Who returned?

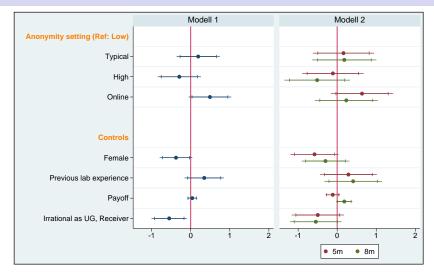
■ In *O*₁: 484 subjects

■ G1, O₂: 116

■ G2, O₂: 106

■ 46% of all subjects returned, relatively even split into both groups

Logit, DV: Returned to repeated experiment (yes, no)



Additional controls: payoff game & role, first game played, field of study

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Repetition Effects: Description and Causes

Selection Effects: Miscellanea...

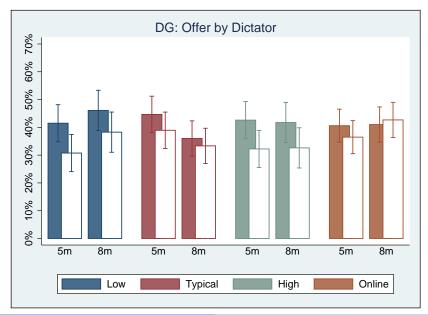
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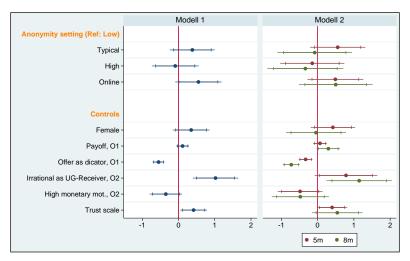
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- field of study: stem-students return more often, aspiring social scientists less often



OLS, DV: Difference in Decisions between both Observations



Additional controls: payoff game & role in O1, field of study

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- No influence: risk attidude, scientific motivation, field of study, test score, total time needed(difference), further demographics, experimenter (fortunately!)
- less "irrational" subjects in repeated experiments (between and within!, holds true for bonus observation O_3)
- Total time needed decreases from initially 13 min to about 9-10 min after one repetition (no further reduction in O_3)

Conclusion & Discussion

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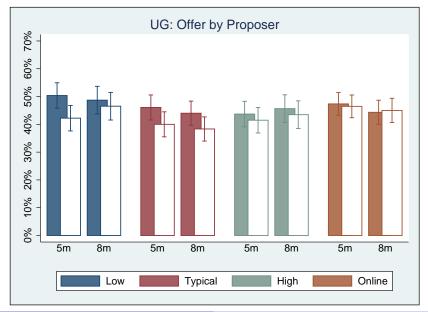
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- Do not interpret marginals from laboratory experiments!
- Control for "game rats"

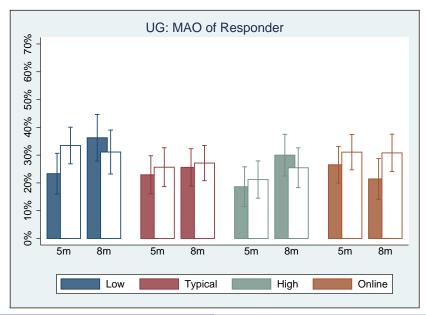
Selection Effects
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Thank you for your attention!

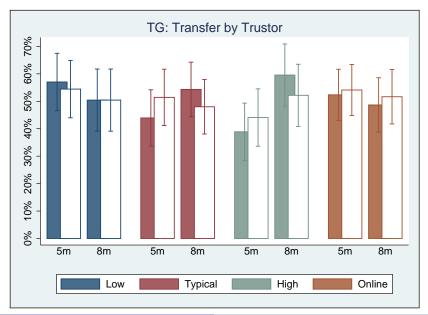
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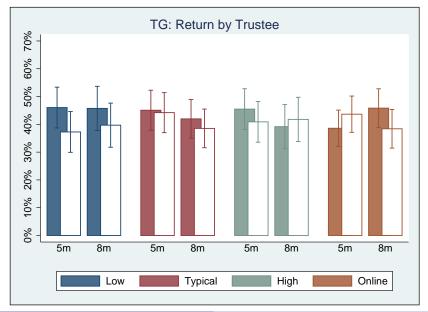
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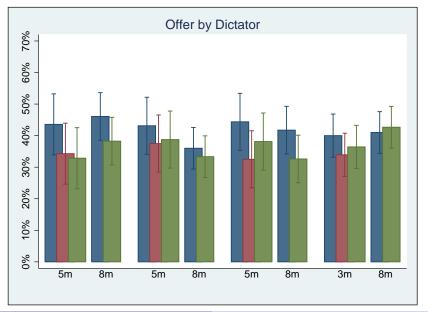


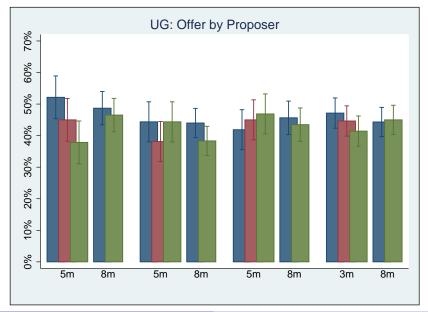
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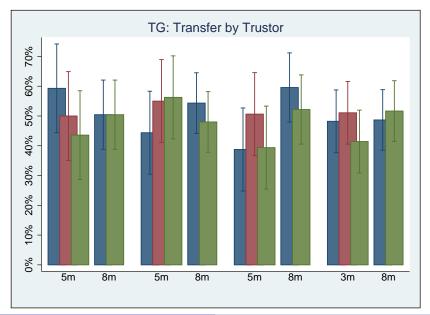


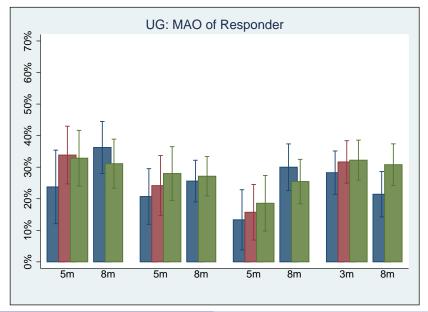
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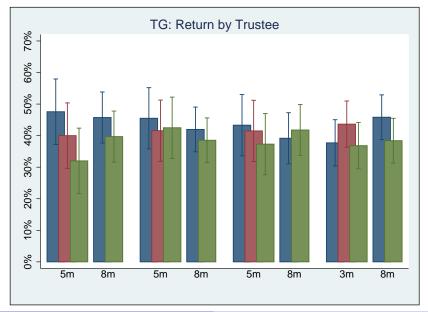




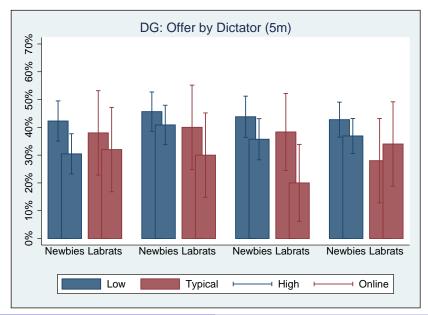








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