Proactive or reactive? Experimental analysis	1
of procedural preferences for redistribution	2
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Abstract

Everyday life produces many inequalities that both the disadvan-	9
taged and advantaged parties may be willing to reduce. Even in case	10
of a general agreement on the level of redistribution, there need not	11
be one on the procedure. We use a real-effort task to generate income	12
inequality in pairs of participants and permit either the dictator or	13
recipient to initiate a transfer in the context of a modified dictator	14
game.	15

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We find that all recipients accept dictator transfers but not all	16
are willing to solicit for one, especially if other opportunities for re-	17
distribution are available. The dictators punish such solicitations by	18
lowering the transfer amount even if the recipients had their hand	19
forced. This punishment is not anticipated by the recipients, though.	20
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JEL Codes: D31, D64, D91.	23

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1 Introduction

The Internal Revenue Service for the U.S. federal government estimates that more than a million of low to medium income households do not claim their tax refunds from the Earned Income Tax Credit (EITC) program¹. Perhaps the most obvious explanation is that the recipients are not informed. However, as Bhargava & Manoli (2015) show, about half of eligible households are in fact aware of their entitlement to EITC social benefits.

While it is conceivable that a considerable fraction of eligible and informed ³¹ individuals simply do not desire to reduce inequality, notwithstanding them ³² being at a disadvantage, we suspect that both recipients and contributors ³³ to the social security system care not only about the level of redistribution ³⁴ but also about the way of achieving it. In particular, one may experience ³⁵ disutility from having to actively 'acquire' social benefits rather than having ³⁶ an opportunity to 'receive' them. ³⁷

¹https://www.eitc.irs.gov/eitc-central/statistics-for-tax-returns-with-eitc/statistics-for-tax-returns-with-eitc

This disutility can have both personal and social origins and has been 38 discussed in the social welfare literature (Bhargava & Manoli, 2015; Li & 39 Walker, 2017; Friedrichsen et al., 2018). Our conjecture is that people would 40 appear less accepting of income inequality were they offered financial aid 41 instead of being required to initiate the redistribution process themselves. 42 Or to put it differently, we suspect that one's preference over the level of 43 redistribution may be separable from one's preference over the redistribution 44 procedure. 45

This distinction goes beyond the financial context of course. In certain 46 knowledge transfer scenarios, knowledge seekers are known to be held back 47 by the prospect of 'losing face' or being viewed as incompetent (Hoffmann, 48 2008; Haas & Cummings, 2015). Although various psychological barriers 49 have been suggested among factors impeding successful knowledge transfers 50 within organizations, little is known as far as how these barriers relate to 51 the act of transferring the knowledge as opposed to the act of initiating the 52 transfer itself. 53

It would also be illuminating to know how providers respond to various ⁵⁴ redistribution protocols. Some may not like being asked to share in fact. ⁵⁵ Existing research shows that dictators avoid environments with social pressure to share (Lazear *et al.*, 2012; Greiner *et al.*, 2012) or effectively punish ⁵⁷ recipients requesting high transfers (Yamamori *et al.*, 2008; Andreoni & Rao, ⁵⁸ 2011). In the knowledge transfer context, some providers have been observed ⁵⁹ to hide information from their 'annoying' colleagues (Webster *et al.*, 2008). ⁶⁰

As such, both the recipient and provider can have preferences over the ⁶¹ redistribution procedure that are distinct from their preferences over the ⁶² level of redistribution. An important consequence of this distinction is that ⁶³ the parties may appear to 'disagree' on the appropriate level of redistribution ⁶⁴ due to a mismatch between their attitudes towards a particular redistribution ⁶⁵ procedure. ⁶⁶

We test this proposition in a controlled laboratory experiment. First, ⁶⁷ we create income inequality by making the participants compete in a realeffort task. Then, we let them play a modified dictator game, where the ⁶⁹ winner is assigned dictatorship, and manipulate the ability of the recipient ⁷⁰ to initiate the monetary transfer. We also provide the recipients with an ⁷¹ explicit choice as far as being able to initiate the redistribution and elicit ⁷² their beliefs regarding the expected transfer. ⁷³

Our main focus is on the relation between one's willingness to initiate a 74 transfer and willingness to accept a transfer initiated by someone else. Or 75 to put it differently, we want to investigate if one's preferences over the level 76 of redistribution are separable from one's preferences over the redistribution 77 procedure. 78

We find that both players differentiate between the redistribution proce-79 dures. Most recipients accept the transfer and are willing to initiate it if that 80 is the only opportunity for redistribution yet a considerable fraction shy away 81 from doing so if other options are available. The dictators share significantly 82 more with reactive recipients even if it is not up to the recipient, which is 83 in line with the dictators seeking to justify their self-centered interests. De-84 spite the observed differences in redistribution outcomes, the recipients do 85 not expect the dictators to be affected by our manipulation. 86

The rest of this paper is organized as follows. Section 2 provides an ⁸⁷

overview of the related literature. Section 3 describes the experimental design. Section 4 presents the results. Section 5 concludes.

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2 Related Literature

Experimental literature on other-regarding preferences shows that people⁹¹ generally dislike income inequality (Fehr & Schmidt, 1999; Ockenfels & Bolton,⁹² 2000) and the desire to reduce it is often used as an explanation for sharing⁹³ with a stranger in the dictator game (see Engel (2011) for a meta study).⁹⁴ Interestingly, however, people do not seek to reduce inequality brought about⁹⁵ by effort (Cherry *et al.*, 2002) or as a result of a fair competition (Fershtman⁹⁶ *et al.*, 2012).⁹⁷

We suggest that one's preferences for redistribution can be affected not only by the source of inequality but also by the properties of the associated redistribution process. As perhaps the most important such property, we distinguish between the dictator and recipient being the first mover as far as bringing about the transfer between the two.

Traditionally, the recipient is considered as either a passive or active *sec*-103 ond mover (dictator or ultimatum games, respectively) where it is the dicta-104 tor who initiates the redistribution process if at all. In contrast, many real 105 life scenarios require the recipient to be the one to apply for redistribution. 106 Even though the recipient usually cannot determine the transfer amount, 107 one tends to act as a *first* mover. Our conjecture is that the general attitude 108 towards redistribution (and consequently, the amount transferred) may be 109 affected by which party gets to *initiate* the process. 110

A typical way of enabling the recipient to initiate the redistribution pro-111 cess is by way of communicating with the dictator. In dictator games with 112 pre-play communication, the recipient can either speak freely (Greiner et al., 113 2012) or send basic numerical requests indicating the desired transfer amount 114 (Yamamori *et al.*, 2008; Andreoni & Rao, 2011). This literature shows that 115 communication can have both positive and negative effects on the resulting 116 level of redistribution. More importantly, the transfer amount appears to be 117 influenced both by *what* is communicated (e.g., requested amount) and by 118 *how* it is communicated (e.g., one- or two-way communication). 119

Although studies of pre-play communication provide important insights, ¹²⁰ there is more to learn about the recipient role as far as actually initiating ¹²¹ the transfer. In a typical setting, the redistribution process is still very much ¹²² under the control of the dictator despite the possibility for communication. In ¹²³ addition, it is not trivial to draw general conclusions in light of considerable ¹²⁴ variation in message realization (e.g., particular wording used) and recipient's ¹²⁵ aptitude to use the communication opportunity strategically. ¹²⁶

As such, we construct situations where the recipient can initiate the redistribution process without communicating anything of substance to the dictator². As a *first* mover in our setup, the recipient can choose whether or not to initiate a transfer and only if that happens to be the case, can the dictator determine the amount. This design enables the recipient to initiate the redistribution process while ruling out potential confounding effects of any particular feature of a given communication protocol.

²Strictly speaking, there may be signaling between the two depending on the game but there is no communicating, e.g., the desired transfer amount.

To this end, when the recipient rejects an unknown transfer or decides not ¹³⁴ to initiate one in our setup, there are no adverse payoff consequences for the ¹³⁵ dictator. This is in contrast to impunity games (Güth & Huck, 1997; Kritikos ¹³⁶ & Tan, 2016) or ultimatum games with unknown offers (Gehrig *et al.*, 2007; ¹³⁷ Güth & Kirchkamp, 2012) where the overall pie size shrinks whenever the ¹³⁸ recipient exercises their veto power. ¹³⁹

In a separate treatment, we provide the recipient with an explicit choice ¹⁴⁰ between two redistribution protocols: (i) where one can initiate the redistribution process as the *first* mover; and (ii) where one can accept an unknown ¹⁴² transfer as the *second* mover. We thus contribute to a broader literature on ¹⁴³ procedural preferences (Sen, 1995; Frey *et al.*, 2004; Frey & Stutzer, 2005) ¹⁴⁴ where the key proposition is that people derive utility not only from outcomes ¹⁴⁵ but also from procedures that bring those about. ¹⁴⁶

3 Experimental Design

The experiment is comprised of two parts: a real-effort task and a variation ¹⁴⁸ of the dictator game. The instructions for the second part are only given to ¹⁴⁹ the participants upon completion of the real-effort task (see Supplementary ¹⁵⁰ Information). ¹⁵¹

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In the first part of the experiment, the participants are randomly matched ¹⁵² in pairs to compete in the slider task (Gill & Prowse, 2012). They have four ¹⁵³ minutes to place as many sliders as possible exactly in the middle of their ¹⁵⁴ respective tracks and the better performing contestant receives 10 EUR while ¹⁵⁵ the other receives 5 EUR. The participants are informed about the outcome ¹⁵⁶ of the competition but not about the absolute performance scores³.

The motivation behind the competition in the form of a real-effort task ¹⁵⁸ is twofold. First, income is earned and not given for free in real life. Second, ¹⁵⁹ winning a fair competition grants entitlement and as such, allows for some ¹⁶⁰ moral ambiguity as far as one's attitude towards the resulting inequality ¹⁶¹ (Kandul & Nikolaychuk, 2023). ¹⁶²

In the second part, both participants have an opportunity to reduce the 163 inequality in a number of ways. Each is a variation of the dictator game and 164 constitutes a separate treatment condition (see Fig. 1). 165

Fig. 1 Overview of experimental conditions. Each condition preceded by a slider task; dictator transfer denoted as t, recipient actions denoted as $\{accept; reject; random\}$, final payoffs in parentheses (dictator; recipient)



Treatment $PASSIVE^{FORCED}$ is similar to the ultimatum game in that the 166 dictator can send any amount between 0 and 5 EUR to the recipient who 167

³Ties broken randomly.

in turn, can either accept or reject the transfer. In our setup, however, the ¹⁶⁸ recipient makes this choice without knowing the actual amount and rejecting ¹⁶⁹ the transfer renders it invalid without any adverse payoff consequences for ¹⁷⁰ the dictator⁴. ¹⁷¹

In treatment ACTIVE^{FORCED}, it is the recipient who is to initiate the redistribution process. The dictator is informed about this choice and can decide how much to transfer only if the recipient wants it. Another way to describe this treatment would be to say that the recipient can decide whether or not they would like to play a standard dictator game.

In treatment CHOICE, the recipient can self-select into either of the two 177 conditions (hereafter referred to as 'PASSIVE^{CHOICE}' and 'ACTIVE^{CHOICE}') or 178 leave that decision to chance (hereafter referred to as 'RANDOM^{CHOICE}'). The 179 dictator is not informed about the recipient's decision. Once the resulting 180 condition has been determined, the game proceeds accordingly. 181

Before the payoffs are realized, we elicit the recipients' beliefs about the expected transfer by asking them to guess the average amount sent by all dictators in their experimental session (not incentivized).

4 Results

The experiment was conducted with 188 participants at the economics laboratory of the Friedrich Schiller University Jena. It was programmed in z-Tree (Fischbacher, 2007) and the recruitment was done with the help of ORSEE

⁴This feature keeps our setup efficiency neutral, makes this treatment condition more comparable with the others and also distinguishes it from impunity games, where rejecting the transfer reduces the payoff of the dictator (Güth & Huck, 1997).

(Greiner, 2015).

The participants interacted with each other using computer terminals ¹⁹⁰ preserving their anonymity and no repeat participation was allowed. There ¹⁹¹ were 12 sessions in total, under 30 minutes each, and the average payment ¹⁹² was 7.5 EUR. The collected sample includes 80 females and 25 Business ¹⁹³ Administration and Economics majors. The average age is 26.5 years (SD ¹⁹⁴ 6.4) and the average laboratory experience is 3.1 experiments (SD 1.5). ¹⁹⁵

We first analyze the behavior of the recipients and then compare the 196 dictator transfers across the treatment conditions. The general results are 197 summarized in Table 1.

Treatment condition	Recipient decision in CHOICE	Number of pairs	Transfer accepted or initiated	Expected transfer in EUR, mean (s.e.)	Observed transfer in EUR, mean (s.e.)
$\mathbf{PASSIVE}^{\mathbf{FORCED}}$		37	37	1.04(0.16)	0.85(0.17)
$\operatorname{ACTIVE}^{\operatorname{FORCED}}$		31	29	1.03(0.20)	$0.52 \ (0.16)$
$PASSIVE^{CHOICE}$	5	8^{\dagger}	8	$0.95 \ (0.44)^{\ddagger}$	0.62(0.34)
$\operatorname{ACTIVE}^{\operatorname{CHOICE}}$	15	18^{\dagger}	18	0.93(0.21)	0.32(0.16)
RANDOM ^{CHOICE}	6				

 Table 1 General results

[†] including the realized assignments from RANDOM^{CHOICE};

[‡] pooled with RANDOM^{CHOICE}.

4.1 Recipient behavior and expectations

As one can see, every single one recipient accepted the transfer (37 out of 200 37 in PASSIVE^{FORCED} and 8 out of 8 in PASSIVE^{CHOICE}), which leads to the first 201 result. 202

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On the other hand, not all recipients were willing to initiate the redistri- $_{205}$ bution process. Out of 31 recipients in treatment ACTIVE^{FORCED}, 2 decided $_{206}$ not to play the dictator game, and only 15 out of 26 self-selected into the $_{207}$ ACTIVE^{CHOICE} condition in treatment CHOICE . $_{208}$

Result 2 Not all recipients are willing to initiate the redistribution $process^5$ 209

In addition, there is a difference between effectively being forced to initiate ²¹⁰ the transfer in treatment ACTIVE^{FORCED} and deciding to solicit for one by self-²¹¹ selecting into condition ACTIVE^{CHOICE} as the difference between the associated ²¹² fractions (i.e., 29/31 versus 15/26) is statistically significant at the 1% level ²¹³ (two-tailed p = 0.004; binomial test of proportions). ²¹⁴

Result 3 Recipients are less willing to solicit for a transfer if other opportunities for redistribution are available 216

Altogether, these three results confirm our conjecture that preferences ²¹⁷ over the level or redistribution are separable from preferences over the redistribution procedure. ²¹⁹

From this point onward, we consider the recipient self-selection into conditions PASSIVE^{CHOICE} and RANDOM^{CHOICE} to reflect various degrees of *not* willing to solicit for a transfer and as such, pool the associated data together.

We then proceed to investigate if the recipients expect to receive the 223 same amount irrespective of the condition they find themselves in. This is 224

⁵Due to the nature of the hypothesis, a test statistic is trivial here.

particularly interesting in treatment CHOICE where the recipients are allowed ²²⁵ to self-select into a particular condition if they so desire. Fig. 2 provides an ²²⁶ overview of the recipient expectations regarding the average dictator transfer ²²⁷ by treatment condition. ²²⁸

Fig. 2 Distribution of the recipient expectations regarding the average dictator transfer by treatment condition. Median value indicated by the bold horizontal line, interquartile range indicated by the box height, most extreme data point within 150% of the interquartile range indicated by the whisker. Data from PASSIVE^{CHOICE} and RANDOM^{CHOICE} pooled together



If we compare the expectations of those recipients who self-select into 229 the active condition against the others (i.e., various degrees of *not* willing to 230 solicit for a transfer), then both groups expect to receive virtually the same: 231 0.93 and 0.95 (EUR) on average in ACTIVE^{CHOICE} and (PASSIVE/RANDOM)^{CHOICE} 232 respectively (two-tailed p = 0.526; Mann-Whitney U test). This finding 233 is further reinforced when we compare the recipient expectations between 234 treatments ACTIVE^{FORCED} and PASSIVE^{FORCED}. Here, too, both groups expect 235 to receive virtually the same: 1.03 and 1.04 (EUR) on average, respectively 236 (two-tailed p = 0.758; Mann-Whitney U test). We therefore conclude that 237 the recipients do no expect the dictator to make the redistribution level contingent on the procedure and that their own preferences over the procedure are reflective of the underlying psychological costs. 240

Result 4 Recipients expect the same level of redistribution irrespective of the 241 procedure 242

The psychological motivation of the recipient preferences over the redistribution procedure is further supported by their answers in the postexperimental questionnaire where those who decided not to solicit for a transfer frequently made explicit references to 'begging' and 'dishonorable behavior'.

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4.2 Dictator behavior

Now, let us analyze the behavior of the dictators. As one can see in Fig. 3, 249 the dictators tend to make lower transfers to those recipients who solicit for 250 one. For example 3 out of 8 dictators make positive transfers in condition 251 PASSIVE^{CHOICE} while only 4 out 18 follow suit in condition ACTIVE^{CHOICE}. The 252 same pattern holds as far as treatments PASSIVE^{FORCED} and ACTIVE^{FORCED} 253 where the choice of the redistribution procedure is not even up to the recipient 254 and yet positive transfers are sent by 19 out of 37 and 9 out of 31 dictators, 255 respectively. 256

The average transfer is 0.52 in ACTIVE^{FORCED} versus 0.85 in PASSIVE^{FORCED} 257 and 0.32 in ACTIVE^{CHOICE} versus 0.62 (EUR) in PASSIVE^{CHOICE}, which indicates 258 that the dictators effectively penalize the very act of soliciting for a transfer 259 even if that is the only way to bring about redistribution. This difference 260



Fig. 3 Empirical distribution function of the dictator transfer by experimental condition

is statistically significant at the 10% level (two-tailed p = 0.078; Mann-²⁶¹ Whitney U test) in the first case, where the treatment condition is determined ²⁶² exogenously, as well as at the 5% level (two-tailed p = 0.029; Mann-Whitney ²⁶³ U test) overall when we pool the data from the exogenous treatments and ²⁶⁴ treatment CHOICE. ²⁶⁵

Result 5 Dictators share less if the redistribution process is initiated by the ²⁶⁶ recipient even if the recipient is forced to do so ²⁶⁷

There is no statistical difference in the average transfer between conditions ACTIVE^{FORCED} and ACTIVE^{CHOICE} (two-tailed p = 0.513; Mann-Whitney ²⁶⁹ U test), nor between conditions PASSIVE^{FORCED} and PASSIVE^{CHOICE} (two-tailed ²⁷⁰ p = 0.522; Mann-Whitney U test), which indicates that the dictators effectively disregard whether it was the recipient's decision to become the first ²⁷² mover or whether their hand was forced⁶. ²⁷³

 $^{^6\}mathrm{This}$ also motivates our pooling of the data leading to Result 5.

Result 6 Dictators do not take into account the recipient's degree of responsibility as far as having to initiate the redistribution process 275

Both results are consistent with the dictators interpreting the very act of ²⁷⁶ soliciting for a transfer in a self-serving manner (Dana *et al.*, 2007), which ²⁷⁷ is rather unfortunate in light of the psychological costs of doing so on the ²⁷⁸ recipient side. It is also noteworthy that the recipients are not privy to this ²⁷⁹ reaction as indicated by their expectations earlier. ²⁸⁰

5 Conclusion

We use a fair competition based on real effort to generate income inequality ²⁸² within pairs of participants. We then rely on the basic mechanic of the ²⁸³ dictator game to allow for welfare redistribution and manipulate the ability ²⁸⁴ of the recipient to initiate said redistribution. ²⁸⁵

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We find evidence of psychological costs of initiating the redistribution ²⁸⁶ process on the recipient side. Even though all of our participants are willing ²⁸⁷ to accept the transfer and most do solicit for one if that is the only opportunity for redistribution, about 42% shy away from doing so if other options ²⁸⁹ are available. Numerous anecdotes from the post-experimental questionnaire ²⁹⁰ suggest that a considerable fraction of the recipients are not comfortable with ²⁹¹ what they refer to as 'begging' or 'dishonorable behavior'. ²⁹²

These results resonate with earlier experiments on pre-play communication in dictator games. For example, Yamamori *et al.* (2008) show that some recipients choose not to send any requests to the dictator, Greiner *et al.* 295 (2012) document that barely anyone mentions money in a free-form chat 296 with the dictator, Langenbach (2016) observes rather low willingness to pay ²⁹⁷ for the very opportunity to communicate with the dictator. In so far as the ²⁹⁸ society as a whole cares about the psychological costs of its members (and ²⁹⁹ consequently, their behavioral repercussions), our findings add to the discussion by raising awareness about forcing anyone to ask for help and showing ³⁰¹ the importance of alternative options. ³⁰²

We also document an unfortunate 'disagreement' between the two parties 303 as far the interpretation of the proactiveness of the recipient. When given the 304 choice over the redistribution scenarios, the recipients do not anticipate their 305 decision to affect the transfer amount and so their preferences are anything 306 but strategic. The dictators, however, effectively penalize their proactiveness 307 even if there are no other possibilities for redistribution. Perhaps, the dicta-308 tors tend to have incorrect beliefs regarding the motivation of the recipient. 309 Or perhaps, the dictators are merely looking for a way to justify their own 310 self-centered interest, something along the lines of 'punishing the greed' as 311 shown in Yamamori *et al.* (2008) and Andreoni & Rao (2011). 312

Regardless of the underlying mechanism, our findings have important pol-313 icy implications. The very logistics of aid provision can have a considerable 314 effect on the level provided. More specifically, it is not in the interest of the 315 recipient to (have to) be the prime mover and therefore, an equity seeking 316 social planner should design institutions accordingly. For example, many 317 charities offer basic support like food or clothes without prior registration. 318 Perhaps, benefactors would end up donating more if they were approached 319 by a third party instead of the recipient. Perhaps, it is even the benefactor 320 who should be actively looking for an opportunity to donate. 321

6 Statements and Declarations

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References

Andreoni, J. & Rao, J.M. (2011). The power of asking: How communication	327
affects selfishness, empathy, and altruism. Journal of Public Economics,	328
95(7-8), pp. 513–520.	329
Bhargava, S. & Manoli, D. (2015). Psychological frictions and the incomplete	330
take-up of social benefits: Evidence from an irs field experiment. American	331
Economic Review, 105(11), pp. 3489–3529.	332
Cherry, T., Frykblom, P. & Shogren, J. (2002). Hardnose the dictator. The	333
American Economic Review, 92(4), pp. 1218–1221.	334
Dana, J., Weber, R. & Kuang, J. (2007). Exploiting moral wiggle room:	335
experiments demonstrating an illusory preference for fairness. <i>Economic</i>	336
<i>Theory</i> , $33(1)$, pp. 67–80.	337
Engel, C. (2011). Dictator games: a meta study. <i>Experimental Economics</i> ,	338
14(4), pp. 583–610.	339
Fehr, E. & Schmidt, K.M. (1999). A theory of fairness, competition, and	340
cooperation. Quarterly Journal of Economics, $114(3)$, pp. 817–868.	341
Fershtman, C., Gneezy, U. & List, J.A. (2012). Equity aversion: Social norms	342

326

and the desire to be ahead. American Economic Journal: Microeconomics,	343
4(4), pp. 131–44.	344
Fischbacher, U. (2007). z-tree: Zurich toolbox for ready-made economic ex-	345
periments. Experimental Economics, $10(2)$, pp. 171–178.	346
Frey, B., Benz, M. & Stutzer, A. (2004). Introducing Procedural Utility: Not	347
Only What, but Also How Matters. Journal of Institutional and Theoretical	348
<i>Economics (JITE)</i> , 160(3), pp. 377–401.	349
Frey, B.S. & Stutzer, A. (2005). Beyond outcomes: measuring procedural	350
utility. Oxford Economic Papers, 57(1), pp. 90–111.	351
Friedrichsen, J., König, T. & Schmacker, R. (2018). Social image concerns	352
and welfare take-up. Journal of Public Economics, 168, pp. 174–192.	353
Gehrig, T., Güth, W., Levati, V., Levinsky, R., Ockenfels, A., Uske, T.	354
& Weiland, T. (2007). Buying a pig in a poke: An experimental study	355
of unconditional veto power. Journal of Economic Psychology, $28(6)$, pp.	356
692 - 703.	357
Gill, D. & Prowse, V. (2012). A structural analysis of disappointment aver-	358
sion in a real effort competition. American Economic Review, $102(1)$, pp.	359
469-503.	360
Greiner, B. (2015). Subject pool recruitment procedures: organizing experi-	361
ments with orsee. Journal of the Economic Science Association, $1(1)$, pp.	362
114-125.	363
Greiner, B., Güth, W. & Zultan, R. (2012). Social communication and dis-	364
crimination: a video experiment. Experimental Economics, $15(3)$, pp. 398–	365
417.	366

- Güth, W. & Huck, S. (1997). From ultimatum bargaining to dictatorship: An 367 experimental study of four games varying in veto power. Metroeconomica, 368 48(3), pp. 262–299. 369 Güth, W. & Kirchkamp, O. (2012). Will you accept without knowing what? 370 the yes-no game in the newspaper and in the lab. Experimental Economics, 371 15(4), pp. 656–666. 372 Haas, M. & Cummings, J. (2015). Journal of International Business Studies, 373 46, pp. 36–62. 374 Hoffmann, A. (2008). Building a framework for actions and roles in organiza-375 tional knowledge transfer, in (M. Ackerman, R. Dieng-Kuntz, C. Simone 376 & V. Wulf, eds.), Knowledge Management In Action, pp. 67–79, Boston, 377 MA: Springer US. 378 Kandul, S. & Nikolaychuk, O. (2023). I win it's fair, you win it's not. selective 379 heeding of merit in ambiguous settings. PLOS ONE, 18(1), pp. 1–11. 380 Kritikos, A.S. & Tan, J.H. (2016). Influence in the face of impunity. Eco-381 nomics Letters, 141, pp. 119–121. 382 Langenbach, P. (2016). The values of ex-ant and ex-post communication in 383 dictator games. Max Planck Institute for Research on Collective Goods, 384 Working paper 2014/7; revised version: April 2016. 385 Lazear, E.P., Malmendier, U. & Weber, R.A. (2012). Sorting in Experiments 386 with Application to Social Preferences. American Economic Journal: Ap-387 plied Economics, 4(1), pp. 136–63. 388 Li, M. & Walker, R. (2017). Shame, stigma and the take-up of social assis-389
 - 19

tance: Insights from rural china. International Journal of Social Welfare,

Ockenfels, A. & Bolton, G.E. (2000). ERC: A Theory of Equity, Reciprocity,	392
and Competition. American Economic Review, American Economic Asso-	393
$ciation, \ 90(1), \ pp. \ 166-193.$	394
Sen, A. (1995). Rationality and social choice. American Economic Review,	395
$85(1), { m pp.} 1 ext{}24.$	396
Webster, J., Brown, G., Zweig, D., Connelly, C., Brodt, S. & Sitkin, S. (2008).	397
Beyond knowledge sharing: Withholding knowledge at work. Research in	398
Personnel and Human Resources Management, 27, pp. 1–37.	399
Yamamori, T., Kato, K., Kawagoe, T. & Matsui, A. (2008). Voice matters	400
in a dictator game. Experimental Economics, 11(4), pp. 336–343.	401