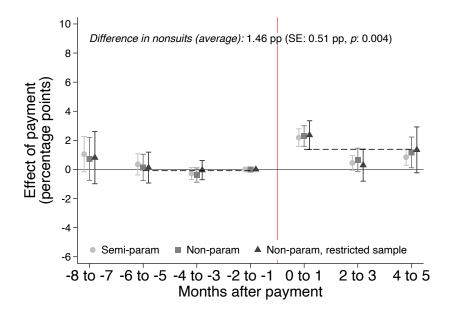
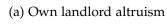
# **Online Supplement**

# A Supplementary Figures

Figure S1: ERAP Effect on Non-Suits

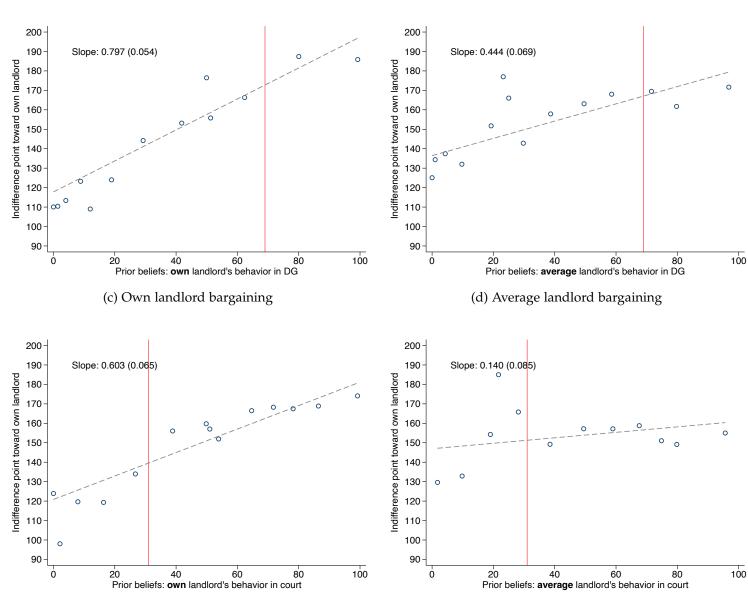


Note: This figure shows the effect of Memphis/Shelby County's ERAP on non-suits (explicit withdrawals from the court system) using the primary design (Equation 101).



1

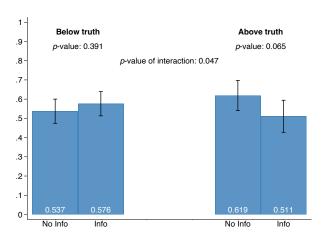
# (b) Average landlord altruism



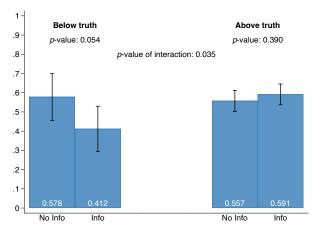
Note: This figure shows binned scatterplots of tenant prior beliefs (horizontal axis) and tenant behavior toward their own landlord in the Dictator Game (vertical axis). Panels A and B show prior beliefs about own and average altruism. Panels C and D show prior beliefs about own and average bargaining behavior. The red vertical line indicates the truth about the average.

Figure S3: Information is More Effective among Tenants with Strong Relationships

(a) Altruism treatment



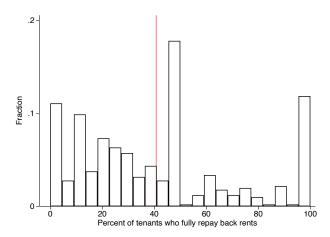
(b) Bargaining treatment



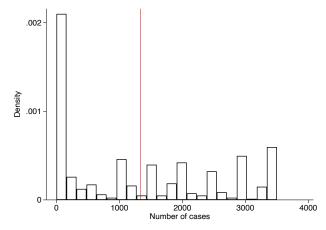
Note: Panels A and B present versions of Figure 4C and D, limiting only to tenants with high degrees of altruism toward their own landlords. In particular, we keep the tenants who prefer (*x* self, *x* landlord) to (2*x* self, 0 landlord).

Figure S4: Beliefs about Eviction: Memphis Sample

(a) Beliefs about Percent of Tenants who Repay Money Judgments

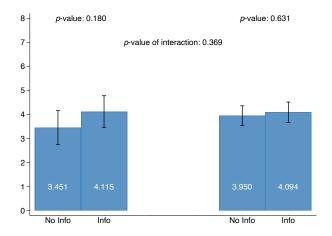


(b) Beliefs about Number of Cases Processed in Eviction Court



Note: Panels A and B present beliefs about the eviction process, elicited among the Memphis sample. The vertical lines represent means. The true values are 6 (Panel A) and 54 (Panel B).

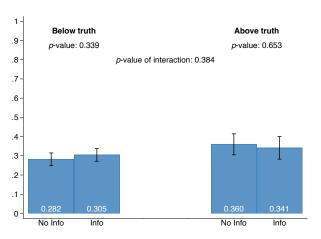
Figure S5: Treatment Effect of Bargaining on WTP for Information about Altruism



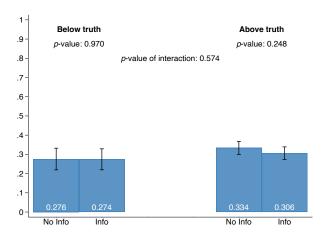
Note: This figure shows intent-to-treat effects of the bargaining information treatment among tenants on willingness to pay for information about the share of landlords who had the highest possible indifference point in the DG, in the landlord sample. The max WTP that could be consistently reported was \$8.

Figure S6: Treatment Effect of Information on Repayment Rate in Payment Plan

# (a) Altruism treatment



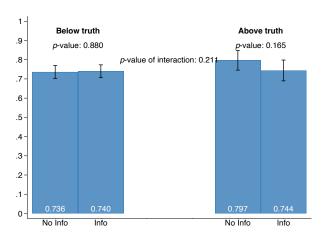
### (b) Bargaining treatment



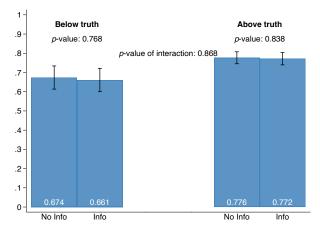
This figure shows intent-to-treat effects of the bargaining and altruism information treatments among tenants on offered repayment rates in the payment plan. The repayment shares are 0 if they do not want a payment plan but were offered the chance to form one.

Figure S7: Treatment Effect of Information on Hypothetical WTP to Move

# (a) Altruism treatment



### (b) Bargaining treatment



This figure shows intent-to-treat effects of the altruism and bargaining information treatments on tenants' willingness to accept \$1000 versus move. This question was asked of all tenants.

Table S1: Behavior in Dictator Game: Only Tenants After March 30

	(1)	(2)	(3) Highly	(4) Highly
	Hostile	Indifference point	hostile	altruistic
A. Landlord sample $(N = 371)$				
1. Own Tenant $N = 234$	0.154***	171.5***	0.090***	0.688***
	(0.024)	(4.2)	(0.019)	(0.030)
	[0.000]	[0.000]	[0.000]	[0.000]
2. Random Tenant $N = 137$	0.066***	182.5***	0.036**	0.693***
	(0.021)	(4.0)	(0.016)	(0.040)
	[0.002]	[0.000]	[0.025]	[0.000]
3. Random Landlord $N = 371$	0.119***	174.3***	0.038***	0.623***
	(0.017)	(2.8)	(0.010)	(0.025)
	[0.000]	[0.000]	[0.000]	[0.000]
4. Own Tenant – Random Tenant (Row 1 – Row 2)	0.088***	-11.0*	0.053**	-0.005
	(0.032)	(5.8)	(0.025)	(0.050)
	[0.006]	[0.060]	[0.031]	[0.914]
5. Random Tenant – Random Landlord (Row 2 – Row 3)	-0.053** (0.024) [0.028]	8.2** (4.0) [0.042]	-0.001 (0.017) [0.941]	0.071** (0.036) [0.048]
6. Own Tenant – Random Landlord (Row 1 – Row 3)	0.035	-2.8	0.052***	0.065**
	(0.024)	(4.0)	(0.017)	(0.030)
	[0.150]	[0.485]	[0.003]	[0.030]
B. Tenant sample ( $N=1,102$ )				
7. Own Landlord $N = 742$	0.249***	152.4***	0.132***	0.523***
	(0.016)	(2.7)	(0.012)	(0.018)
	[0.000]	[0.000]	[0.000]	[0.000]
8. Random Landlord $N = 360$	0.225***	156.9***	0.106***	0.561***
	(0.022)	(3.7)	(0.016)	(0.026)
	[0.000]	[0.000]	[0.000]	[0.000]
9. Random Tenant $N = 1,102$	0.131***	172.6***	0.059***	0.631***
	(0.010)	(1.8)	(0.007)	(0.015)
	[0.000]	[0.000]	[0.000]	[0.000]
10. Own Landlord – Random Landlord (Row 7 – Row 8)	0.024 (0.027) [0.371]	-4.5 (4.6) [0.325]	0.027 (0.020) [0.194]	-0.038 (0.032) [0.232]
11. Random Landlord – Random Tenant (Row 8 – Row 9)	0.094*** (0.023) [0.000]	-15.7*** (3.8) [0.000]	0.047*** (0.017) [0.006]	-0.070*** (0.025) [0.006]
12. Own Landlord – Random Tenant (Row 7 – Row 9)	0.119*** (0.017) [0.000]	-20.2*** (2.7) [0.000]	0.073*** (0.012) [0.000]	-0.108*** (0.017) [0.000]

Note: See notes to Table A15 for description of our altruism and hostility measures. Parentheses show robust standard errors. Brackets show p-values. \* p < 0.1, \*\*\* p < 0.05, \*\*\*\* p < 0.01. This table is identical to Table A15 except Panel B only includes tenants who participate after all changes to DG wording. All tenant participants in Panel B see language that stresses anonymity in the context of the DG, and see a confirmation check about anonymity. Panel A is the same as in Table A15.

# **B** Survey Instruments

## **B.1** Landlord Survey

We present screenshots of the elicitations in the landlord survey.

#### **B.1.1** Consent

## Figure S8: Consent

You have been asked to participate in a research study conducted by Charlie Rafkin, A.B., and Evan Soltas, M.Phil, from the Economics Department at the Massachusetts Institute of Technology (M.I.T.).

You were selected as a possible participant in this study because you are a landlord/property manager who applied (or began applying) for assistance through Shelby County's Emergency Rental and Utilities Assistance Program (ERA), or your tenant applied (or began applying) for assistance through the ERA.

Your participation in this research is voluntary and you can withdraw at any time.

- Purpose: to understand landlords' and property managers' perspectives about the ERA program and decisions to evict tenants.
- Study Procedures: If you complete the survey, you will receive \$20 as an Amazon gift card. You may receive another gift card in a bonus payment once the survey closes if you answer certain questions accurately, you are chosen to win a gift card, or if another participant chooses to share a gift card they win with you. One participant who completes the survey will also be randomly selected to win an additional \$500 Amazon gift card. The survey should take about 10 minutes.
- Risks & Potential Discomfort: risks are minimal. Data may be linked to tenants' or landlord/property managers' applications and outcomes. Completely anonymized data with no personal information will be made publicly available for other researchers. The survey may ask questions that are uncomfortable, for example about eviction.

When the results of the research are published or discussed in conferences, no information will be included that would reveal your identity. Data will be stored on secured servers at MIT. Your data may be linked to other data collected by the ERA program or shared with MIT; for instance, your responses could be linked with data from third-party agencies that contain information including but not limited to financial, health, or labor outcomes (e.g., credit-bureau records), or welfare program receipt. The fully identified dataset may be shared with authorized officials at Memphis/Shelby County or the federal government who are responsible for the ERA program. Anonymized data may be shared publicly online or on a research repository.

If you have any questions or concerns about the research, please feel free to contact Charlie Rafkin at (312) 533-8205 or crafkin@mit.edu.

You are not waiving any legal claims, rights or remedies because of your participation in this research study. If you feel you have been treated unfairly, or you have questions regarding your rights as a research subject, you may contact the Committee on the Use of Humans as Experimental Subjects at MIT at couhes@mit.edu.

- I agree to participate in this study.
- O I do not agree to participate in this study.

### **B.1.2** Demographics

Figure S9: Name

What is your name?	
First name	
Last name	

Figure S10: Occupation



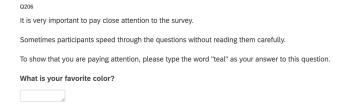
Figure S11: Demographics 1



Figure S12: Demographics 2



Figure S13: Attention check



### **B.1.3** Dictator Game

We now present the Dictator Games. As noted in the text, we randomize whether the participant played against their own or a random tenant. The order of the elicitations (landlord versus tenant) was also randomized. In the elicitations themselves, we randomize the ordering of the MPLs (i.e., which bundle was elicited first).

Note that e://Field/nameforgame resolves to either the tenant's name, listed on their ERAP application (probability: 2/3), or "a tenant chosen at random." Similarly, e://Field/nameforgamelong resolves to "your tenant e://Field/TenantName" or "a Memphis/Shelby County tenant chosen at random, among tenants whose landlords participate."

# Figure S14: Introduction

At least 10 participants in the survey will be randomly selected to receive an additional Amazon gift card.

If you win one of the gift cards, you may be able to share it with \$(e://Field/nameforgame). Or, you may be able to share it with another Memphis/Shelby County landlord, property manager, or their legal representation (whoever answered the survey). We'll call them "landlords" for short.

Whether you can share the gift card with a tenant or landlord will be determined randomly.

# Figure S15: Instructions: DG versus Tenants

5 survey participants will be randomly selected to get as much as \$20 in an Amazon gift card that can be shared with a tenant.

So, if you win the gift card, you can choose to split it with \${e://Field/nameforgamelong}. Or you can choose not to share it.

We will ask you a series of questions about how you would like to divide up the gift card. We will randomly choose one of the possible questions about how to split the gift card. Using your answers, we will determine how you want to divide it.

Your answers to the following questions will determine what happens if you are chosen to win the gift card. However, your responses will not influence your chances of winning. Whether or not you win is completely random.

It is always in your best interest to answer the questions truthfully.

# Figure S16: Example MPL: DG versus Tenants

Would you prefer to get \$9 and \${e://Field/nameforgame} gets \$0, or you get \$10 and \${e://Field/nameforgame} also gets \$10?

I get \$9 and they get \$0

I get \$10 and they get \$10

Which would you prefer?

O

# Figure S17: Instructions: DG versus Landlords

5 survey participants will be randomly selected to get as much as \$20 in an Amazon gift card that can be shared with a randomly chosen Memphis/Shelby County landlord who participates in the survey.

This other landlord will be chosen randomly from other survey participants. So, if you win the gift card, you can choose to split it with another landlord. Or you can choose not to share it.

We will ask you a series of questions about how you would like to divide up the gift card. We will randomly choose one of the possible questions about how to split the gift card. Using your answers, we will determine how you want to divide it.

Your answers to the following questions will determine what happens if you are chosen to win the gift card. However, your responses will **not** influence your chances of winning. Whether or not you win is completely random.

It is always in your best interest to answer the questions truthfully.

### Figure S18: Example MPL: DG versus Landlords

Would you prefer to get \$9 and the other landlord gets \$0, or you get \$10 and the other landlord also gets \$10?					
	I get \$9 and they get \$0	I get \$10 and they get \$10			
Which would you prefer?	0	0			

We randomize the order (landlords versus tenants). We also randomized whether the bundle (\$10,\$10) or (\$s,\$0) was presented first. After (9,0), the MPL iterated between different options for  $s \in \{1,2,\ldots,20\}$ .

### **B.1.4** Received ERAP Offer?

We then ask participants if they have received an ERAP offer.

Figure S19: Received Offer?



Figure S20: Accepted Offer?



Figure S21: Why Declined 1?

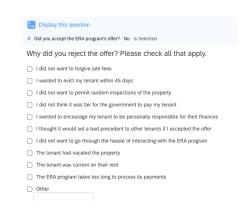


Figure S22: Why Declined 2?

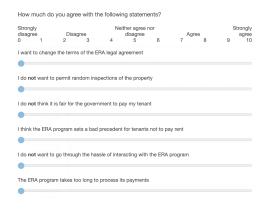
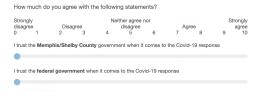


Figure S23: Trust in Govt?



### **B.1.5** Prior Beliefs and Information

Note: In several screenshots, the tenant name populates as empty for these tests. The tenant name correctly populates in the data based on the links to ERAP.

We begin by providing incentives:

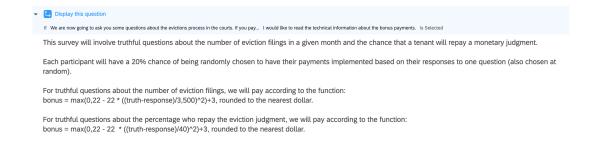
Figure S24: Incentives 1

We are now going to ask you some questions about the evictions process in the courts. If you pay close attention and provide honest answers, you may earn an  $additional\ bonus\ payment\ of\ \textbf{up\ to\ \$25}\ for\ accurate\ responses,\ which\ will\ be\ delivered\ in\ the\ coming\ weeks.$ You always maximize your payment if you answer questions truthfully. What would you like to do next?

O I am ready to move on to the questions.

I would like to read the technical information about the bonus payments.

Figure S25: Incentives 2



We then give definitions of filings and judgments:

Figure S26: Filings Background Information

Some of the questions may ask about different legal terms associated with evictions.

An eviction filling is when a landlord or property owner applies to the court to evict a tenant.

Figure S27: Judgments Background Information

An eviction **judgment** is when the court rules that the tenant may be evicted. After a court judgment for possession of the property, the landlord may obtain a Writ of Possession, which permits the tenant to be evicted.

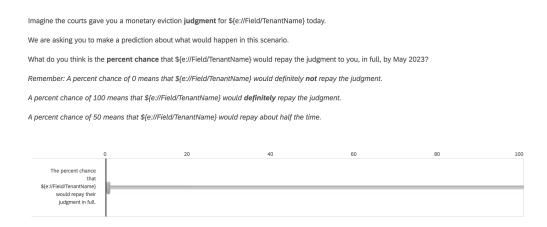
Figure S28: Monetary Judgment Background Information

If the court grants a judgment for possession of the property, it may also grant a monetary judgment for the amount of rent owed, court costs, and attorney fees.

In practice, it is the landlord's burden to collect money from the tenant. That is sometimes difficult.

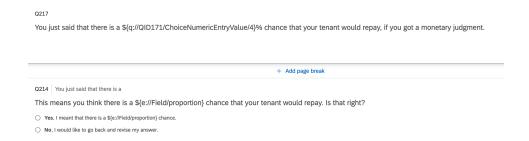
We then randomize elicitations between asking about own and average repayment rates. Own repayments were elicited as follows:

Figure S29: Own Repayment



We included the following confirmation check, where proportion would reduce to the "least common odds" consistent with the presentation. For instance, 50% would reduce to "1 in 2".

Figure S30: Own Repayment: Confirmation



If participants clicked "no," they would not be allowed to advance until they confirmed that they agreed with the least common odds that corresponds to the percentage.

We also elicited uncertainty, which we do not use except in select balance tables. lowcert and highcert were the numbers 5 pp below or above the main elicitation (capped at 0 and 100).

Figure S31: Uncertainty



We elicited beliefs about the average tenant, which included a visualization, a similar confirmation check, and uncertainty (where lowuncert and highuncert also were 5 pp below or above

the main elicitation):

Figure S32: Average Repayment

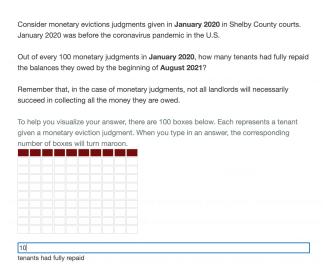


Figure S33: Average Repayment: Confirmation

You just said that out of every 100 monetary judgments made in January 2020, \$(q://QID245/ChoiceTextEntryValue} tenants had fully repaid by August 2021. To confirm, this means that \$\frac{q:}{\text{QID245/ChoiceTextEntryValue}}\text{% of tenants had fully repaid.}

Is that answer right?

- $\bigcirc \ \ \textbf{Yes, I meant that $$\{q: I/QID245/ChoiceTextEntryValue\}\% of tenants had fully repaid}$
- O No, I would like to go back and revise my answer.

Figure S34: Average Repayment: Uncertainty

You just said that out of every 100 monetary judgments made in January 2020, \${q://QID245/ChoiceTextEntryValue} tenants had fully repaid by August 2021. To confirm, this means that \${q://QID245/ChoiceTextEntryValue}% of tenants had fully repaid.

Is that answer right?

- Yes, I meant that \${q://QID245/ChoiceTextEntryValue}% of tenants had fully repaid
- O No, I would like to go back and revise my answer.

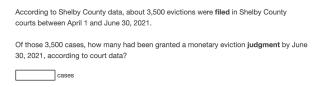
We also elicited two secondary beliefs prior to providing information:

Figure S35: Days

Imagine you **filed** an eviction for today. How many days do you expect it to take for the court to grant an eviction **judgment**?

17

Figure S36: Cases



We then provided information to a random treatment group:

Figure S37: Information Treatment

Did you know?

Of all monetary eviction judgments rendered in Shelby County Courts in January 2020, about 6 out of 100 cases had fully repaid their balances by the beginning of August 2021. (Source: analysis of data provided by Legal Services Corporation.)

You previously said that you thought that \${q://QID245/ChoiceTextEntryValue} out of 100 had fully repaid their balances by August 2021.

Among the treatment group, we asked if they would like to update their average belief:

Figure S38: Update Direction

Imagine you evicted \${e://Field/TenantName} today and received a monetary judgment by the courts.

Previously, you expected the percent chance that \${e://Field/TenantName} would repay this balance was \${q:://QID171/ChoiceNumericEntryValue/4}%.

You just read that 6 out of 100 tenants, or 6 percent, fully repaid their balances.

Given this information, do you think your previous guess that \${e://Field/TenantName} has a \${q:://QID171/ChoiceNumericEntryValue/4}% chance of repaying their balance is too high, too low, or is still correct?

My previous answer is too high

My previous answer is too low

My previous answer is still correct

If they wanted to update, parties had to report a belief update that is consistent with their update direction:

Figure S39: Update Magnitude

Imagine the courts gave you an eviction judgment for today.

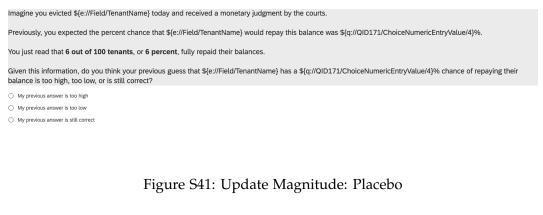
You said that your previous guess that has a 25 percent chance of repaying the judgment was too low.

Given the new information, what do you think is the percent chance they would repay the judgment by May 2023?

percent

We then elicited placebo beliefs:

Figure S40: Update Direction: Placebo



You said that your previous guess of 233 was **too low**.

Given the new information, how many days would you expect it to take for the court to grant an eviction **judgment** for ?

days

#### **B.1.6** Belief Outcomes

We then ask participants if they would like ERAP to send a *agreement* to them to resolve the tenant's back rents. We focus less on this outcome because it does not apply to landlords who have already received this agreement.

Figure S42: Want Offer?



We then ask participants if they want to receive informational materials about ERAP.

Figure S43: Want Materials?

Would you like the program to send you a packet of informational materials about the Emergency Rent and Utilities Assistance Program? We will share your response with the City/County and implementing partners.

If the program sends you materials, you can then distribute the materials to your tenants, if you wish.

Yes, I would like the program to send me a packet of informational materials.

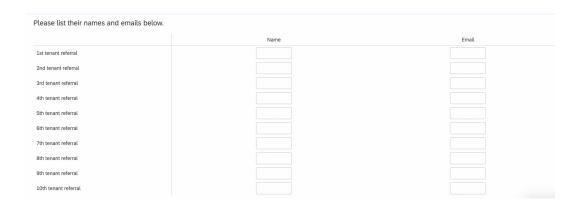
No, I do not want the program to send me a packet of informational materials.

We then ask participants if they want to refer tenants:

Figure S44: Referrals

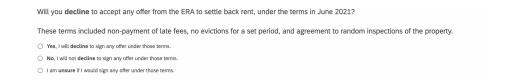


Figure S45: Referrals: Names



We then ask participants if they will decline to accept any offer:

Figure S46: Decline to Accept Any



Note that this particular question changed wording to be clearer. We pool these for the one appendix table where it is used (Table A12). The original version (deprecated after September 1, or used for 20% of the sample) was:

Figure S47: Decline to Accept (Original)



We ask landlords whether they would like us to notify their tenant if chances to re-apply for the ERAP become available.

Figure S48: Notify

Would you like us to notify \${e://Field/TenantName} about opportunities to apply for additional funds from the Emergency Rent and Utilities Assistance Program? We will share your response with the City/County and implementing partners.

- O Yes, please notify them.
- O No, please do not notify them

## **B.1.7** Landlord Cost Proxy

In the next set of questions, we ask landlords whether they would accept a discount on rental payments to retain the tenant. We use this question to form a cost proxy (Appendix D) for Section 5

Figure S49: Introduction

In some previous arrangements with landlords and tenants facing eviction, the City/County paid back rent arrearages at a 20% discount.

For instance, if a tenant owed \$1,000 to the landlord, the government paid \$800 on the condition that the landlord forgive \$200 (since \$200 is 20% of 1,000)

Figure S50: Example

The City/County may expand the Emergency Rent and Utilities Assistance program to pay up to three months of future rent. This future rent program may pay future rent with no discount, as with the back rent program.

For instance, imagine your tenant's rent is \$800 per month, so 3 months of rent cost \$2,400. The total payment you would receive from the city for 3 months would be \$2,400 to cover those months of rent in full. This agreement would be non-negotiable. Under the period covered by future rent, no evictions of the tenant could be filed.

If the program paid future rent with no discount, would you accept the payments of future rent to \${e://Field/TenantName}?

Figure S51: Elicitation: Example 1

The City/County may expand the Emergency Rent and Utilities Assistance program to pay up to three months of future rent. This future rent program may pay future rent at a discount of 5%.

For instance, imagine your tenant's rent is \$800 per month, so 3 months of rent cost \$2,400.

Then, with a 5% discount, the total payment you would receive from the city for 3 months would be \$2,280 to cover those months of rent in full. The landlord would be expected to cover the remaining balance of \$120. This agreement would be non-negotiable. Under the period covered by future rent, no evictions of the tenant could be filed.

If the program paid future rent at a 5% discount, would you accept the payments of future rent for \${e://Field/TenantName}?

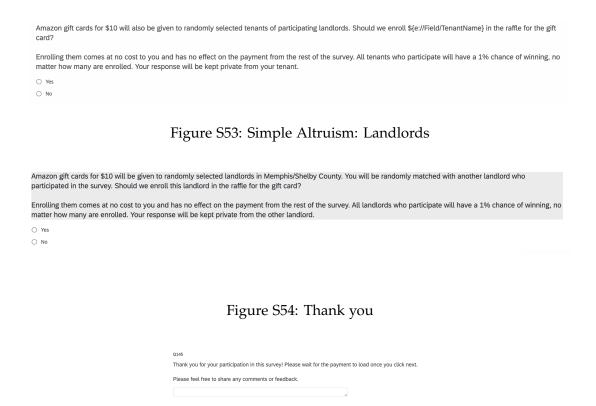
- O Yes, I would accept the future rent at this discount
- No, I would not accept the future rent at this discount

We iterate on the discount to find the shadow price at which the landlord would accept the back rent. We randomize whether the landlord's rate can be  $\{0, 0.1, 0.3, 0.5\}$  or whether the landlord sees the rate  $\{0.05, 0.2, 0.4, 0.6\}$ .

## **B.1.8** Simple Altruism Measure

We also obtain a simple altruism measure (Appendix C):

Figure S52: Simple Altruism: Tenants



# **B.2** Memphis Sample Surveys

Note that the Memphis and National Surveys are almost identical, except the Memphis survey includes several belief elicitations and a few wording differences to emphasize that the group is in Memphis. Otherwise, the logic is similar to (select parts) of the landlord survey.

#### **B.2.1** Consent

# Figure S55: Consent

You have been asked to participate in a research study conducted by Charlie Rafkin, A.B., and Evan Soltas, M.Phil, from the Economics Department at the Massachusetts Institute of Technology (M.I.T.).

You were selected as a possible participant in this study via Lucid's sampling services.

Your participation in this research is voluntary and you can withdraw at any time.

- Purpose: to understand behaviors with respect to random landlords or tenants and beliefs about eviction.

- Study Procedures: if you complete the survey, you will be paid by Lucid or its affiliates. You may receive another gift card in a bonus payment, depending on your responses in the following activities that asky out of wide a gift card between you and a random individual and beliefs about the eviction process. To send you the gift card, we will ask for your email address; it is voluntary to provide this information, but if you do not, we cannot send the gift card if you are selected to win it. The survey should take about 5-10 minutes.

- Risks & Potential Discomfort: risks are minimal. You will be asked about your eviction history as a tenant. You will be asked about your eviction history as a tenant. You will be asked about your eviction history as a tenant you will be asked personally identifiable information, for instance about your email address. Lucid will provide some demographic variables, e.g. your age or ZIP code, and the combination of these variables could possibly be used to identify you.

When the results of the research are published or discussed in conferences, no information will be included that would reveal your identity. When the results of the research are published or discussed in conferences, no information will be included that would reveal your identity. Data will be stored on secured servers at MIT. Anonymized data may be shared publicly online or on a research restory. If you have ny questions or concerns about the research, please feel free to contact Chartie Rafkin at (312) 533-8205 or crafkin@mit.edu. You are not waiving any legal claims, rights or remedies because of your participation in this research study. If you feel you have been treated unfairly, or you have questions regarding your rights as a research subject, you may contact the Committee on the Use of Humans as Experimental Subjects at MIT at couhes@mit.edu.

- I agree to participate in this study.
- O I do not agree to participate in this study

### **B.2.2** Gift Card Information

# Figure S56: DG Instructions

You have a 1% chance of being randomly selected to receive an additional Amazon gift card.

If you win a gift card, you may be able to share it with a tenant in Memphis or Shelby County, Tennessee who applied (or started applying or whose landlord applied) for the City/County's Emergency Rental and Utilities Assistance Program (ERAP).

Or, you may be able to share it with another Memphis/Shelby County landlord, property manager, or their legal representation whose tenant was associated with the program. We'll call them "landlords" for short.

The ERAP is for low-income households who are having trouble paying their rent, possibly due to the COVID-19 pandemic.

Whether you can share the gift card with a tenant or landlord will be determined randomly. There is a 50% chance that, if you win the gift card, you will be able to share it with a tenant. There is a 50% chance that you will be able to share it with a landlord

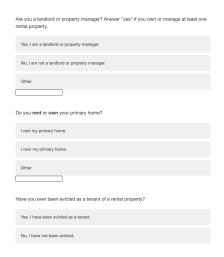
#### **B.2.3** Attention Check

# Figure S57: Attention Check

It is very important to pay close attention to the survey. Sometimes participants speed through the questions without reading them carefully. To show that you are paying attention, please type the word "teal" as your answer to this question. What is your favorite color?

# **B.2.4** Demographics

Figure S58: Demographics



### **B.2.5** Dictator Game

Figure S59: DG Instructions: Tenant Opponent

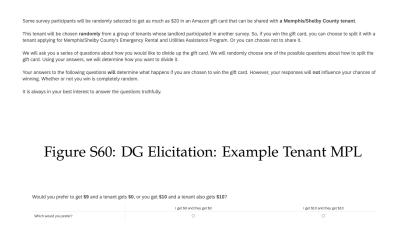


Figure S61: DG Elicitation: Landlord Opponent

Some survey participants will be randomly selected to get as much as \$20 in an Amazon gift card that can be shared with a landlord whose tenant applied for the Memphis/Shelby County Emergency Rental and Utilities Assistance Program (or who applied on behalf of their tenand).

This landlord will be chosen randomly from participants in another survey. So, if you win the gift card, you can choose to split it with another landlord. Or you can choose not to share it.

We will ask you a series of questions about how you would like to divide up the gift card. We will randomly choose one of the possible questions about how to split the gift card. Using your answers, we will determine how you want to divide it.

Your answers to the following questions will determine what happens if you are chosen to win the gift card. However, your responses will not influence your chances of winning. Whether or not you win is completely random.

It is always in your best interest to answer the questions truthfully.

Figure S62: DG Elicitation: Landlord Example



# **B.2.6** Prior Beliefs

Figure S63: Incentives

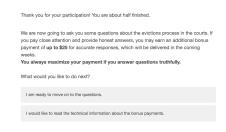


Figure S64: Incentives 2

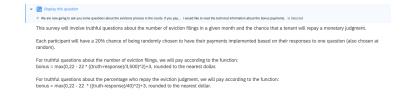


Figure S65: Filings Background Information

Some of the questions may ask about different legal terms associated with evictions. The following terms apply to evictions in Shelby County, Tennessee (the county where Memphis, Tennessee is located).

An eviction filling is when a landlord or property owner applies to the court to evict a tenant.

Figure S66: Judgments Background Information

An eviction judgment is when the court rules that the tenant may be evicted. After a court judgment for possession of the property, the landlord may obtain a Writ of

Figure S67: Money Judgment Background Information

If the court grants a judgment for possession of the property, it may also grant a monetary judgment for the amount of rent owed, court costs, and attorney fees.

In practice, it is the landlord's burden to collect money from the tenant. That is sometimes difficult.

Figure S68: Beliefs: Elicitation about Average

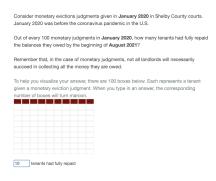


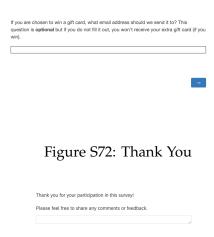
Figure S69: Beliefs Confirmation



Figure S70: Beliefs Uncertainty



Figure S71: Email

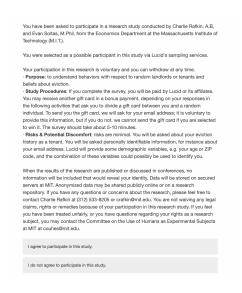


# **B.3** National Survey

Note that the Memphis and National Surveys are almost identical, except the Memphis survey includes several belief elicitations and a few wording differences to emphasize that recipients are in Memphis. Otherwise, the logic is similar to (select parts) of the landlord survey.

#### **B.3.1** Consent

Figure S73: Consent



### **B.3.2** Gift Card Information

Figure S74

You have a 1% chance of being randomly selected to receive an additional Amazon gift card.

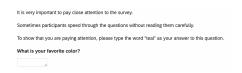
If you win a gift card, you may be able to share it with a tenant in Memphis or Shelby Country, Tennessee who applied for started applying or whose landlord applied for the City/Country's Emergency Rental and Utilities Assistance Program (ERAP).

Or, you may be able to share it with another Memphis/Shelby County landlord, property manager, or their legal representation whose tenant was associated with the program. Well call them 'Inadiodrs' for short anidodrs' for short anidodrs' for short with a letter and the COVID-19 pandemic.

Whether you can share the gift card with a tenant or landlord will be determined randomly. There is a 50% chance that, if you win the gift card, you will be able to share it with a tenant. There is a 50% chance that, if you will be able to share it with a tenant. There is a 50% chance that, if you will be able to share it with a tenant. There is a 50% chance that, if you will be able to share it with a tenant. There is a 50% chance that, if you will be able to share it with a tenant.

# **B.3.3** Attention Check

Figure S75: Attention Check



# **B.4** Demographics

Figure S76: Demographics

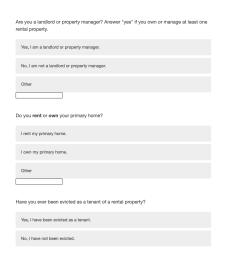


Figure S77: Dictator Game: Tenant Instructions



Figure S78: Dictator Game: Tenant Elicitation



Figure S79: Dictator Game: Landlord Instructions



Figure S80: Dictator Game: Landlord Elicitation



# **B.4.1** End of Survey

Figure S81: Email

If you are chosen to win a gift card, what email address should we send it to? This question is **optional** but if you do not fill it out, you won't receive your extra gift card (if you win).

Figure S82: Thank You



# **B.5** Tenant Survey

We present the elicitations for the tenant survey. Elicitations flagged with an asterisk \* were added or updated on March 27, 2023 (see Experiment Details appendix).

#### **B.6** Consent

Figure S83: Consent



# **B.7** Demographics

Note: We include many questions about tenants' backgrounds for internal data collection and evaluation on behalf of the Memphis/Shelby County government. They were not in the analysis and did not enter the preregistration.

Figure S84: Attention Check 1



Figure S85: Name



Figure S86: Marital Status



Figure S87: Confirmation They Are a Tenant



Figure S88: Age



Figure S89: Gender



Figure S90: Race



Figure S91: Hispanic



Figure S92: Educational Attainment



Figure S93: Ever Evicted



Figure S94: Ever Overdue



Figure S95: Rent



Figure S96: Ever Payment Plan



Figure S97: Formal Eviction



Figure S98: Household Size



Figure S99: Employed

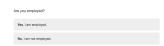


Figure S100: Household Income



Figure S101: Previously Employed



Figure S102: Previous Income



Figure S103: Current Address



[Note: here were two questions that asked for the tenant's new address using a point-and-click Maps tool. Screenshots not available, as the Maps API plugin we used is no longer operational.]

Figure S104: Why Move?



Figure S105: Previous Rent



Figure S106: Like New Residence Better?



Figure S107: Why Do You Like New Residence Better?



Figure S108: Stay in Shelter



Figure S109: Landlord Name



Note: The landlord name above is what populates for landlord name as e://Field/landlordname in subsequent elicitations. We ask this question before any laboratory experiment. We ask it, even though we know the tenant's previous landlord from ERAP, since many tenants move in between applying for ERAP and taking the survey.

Figure S110: Landlord Email



Figure S111: Landlord Phone Number



Figure S112: Landlord Identity



Figure S113: Threatened with Eviction?



Figure S114: Real Estate Company



# **B.7.1** Auxiliary Measures of Affect toward Landlords

In the following questions, we collect auxiliary measures of affect toward landlords that we use as validation checks.

Figure S115: Communication with Landlord



Figure S116: Relationship with Landlord



Figure S117: (Falk et al., 2018) Questions 1



Figure S118: Falk et al. (2018) Questions 2



Figure S119: Landlord Free Response

Do you have any thoughts about \$(e://Field/landlordname) that you want to share? These reflections will be kept private from them but may be used anonymously for research purposes.

Figure S120: Paid



Figure S121: Type of Payment



Figure S122: Attitudes about ERAP

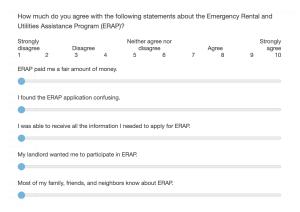


Figure S123: How Learn About ERAP



Figure S124: Like About ERAP



Figure S125: Not Like About ERAP



Figure S126: Other Types of Assistance in Memphis



Figure S127: Direct Payment



Figure S128: How Spend Direct Payment



Figure S129: How Did ERAP Affect Your Life



Figure S130: Back Rents



Figure S131: Attention Check 2



#### **B.7.2** Dictator Game

We now present the Dictator Games. As noted in the text, we randomize whether the participant played against their own or a random landlord. The order of the elicitations (landlord versus tenant) was also randomized. In the elicitations themselves, we randomize the ordering of the MPLs (i.e., which bundle was elicited first).

Several global variables would populate in these questions based on randomization:

- e://Field/altdefault20 is the stakes for the DG, which we randomized between \$20, \$200, and \$2,000. Similarly, e://Field/altdefault10 is the corresponding value \$10, \$100, or \$1,000, and so on. Thus, the example DG resonance screenshotted below ask about the bundle (9x,0) versus (10x,10x) for  $x \in \{10,100,1000\}$ .
- e://Field/nameforgamelong is either "your landlord [landlordname]" or "a Memphis/Shelby Coutny landlord chosen at random, among landlords whose tenants participate."
- e://Field/PrivateLL is a reminder to tenants that "If you win and it is shared with the landlord, the gift card will not be associated with your name and won't count as rent." Note that this was shown *only* if the tenant played the game against their own landlord.

Figure S132: Overall Instructions

At least 10 participants in the survey will be randomly selected to receive an additional Amazon gift card.

If you win one of the gift cards, you may be able to share it with \$[e://Field/nameforgame]. Or, you may be able to share it with another tenant who answered the survey.

Whether you can share the gift card with a tenant or landlord will be determined randomly.

# Figure S133: Tenant Instructions

One or more survey participants will be randomly selected to get as much as \$\${e://Field/altdefault20} in an Amazon gift card that can be shared with a randomly chosen Memphis/Shelby County tenant who participates in the survey.

This other tenant will be chosen randomly from other survey participants. So, if you win the gift card, you can choose to split it with another tenant. Or you can choose not to share it.

Please note that this gift card would be allocated from separate research money and NOT the ERAP funds for tenants.

We will ask you a series of questions about how you would like to divide up the gift card. We will randomly choose one of the possible questions about how to split the gift card. Using your answers, we will determine how you want to divide it.

Your answers to the following questions will determine what happens if you are chosen to win the gift card. However, your responses will **not** influence your chances of winning. Whether or not you win is completely random.

It is always in your best interest to answer the questions truthfully.

Your response will be not be shared with the tenant.

# Figure S134: Tenant Example

gets S\$(e://Field/altdefault10)?

I get S\$(e://Field/altdefault0) and they get 50

I get S\$(e://Field/altdefault0) and they get 50

I get S\$(e://Field/altdefault0) and they get 50

I get S\$(e://Field/altdefault10)

Which would you prefer?

# Figure S135: Landlord Instructions

One or more survey participants will be randomly selected to get as much as \$\$(e://Field/lattdefault20) in an Amazon gift card that can be shared with a landlord.

So, if you win the gift card, you can choose to split it with \$(e://Field/nameforgamelong). Or you can choose not to share it.

Please note that this gift card would be allocated from separate research money and NOT the ERAP funds for tenants.

We will ask you a series of questions about how you would like to divide up the gift card. We will randomly choose one of the possible questions about how to split the gift card. Sing your answers, we will determine how you want to divide it.

Your answers to the following questions will determine what happens if you are chosen to win the gift card. However, your responses will not influence your chances of winning. Whether or not you win is completely random.

It is always in your best interest to answer the questions truthfully.

Your response will be not be shared with the landlord. \$(e://Field/PrivateLL)

# Figure S136: Confirmation Check

This is to confirm you understand.

Will your response about how to treat the gift card be shared with the landlord?

Yes, my response will be shared.

No, my response will not be shared.

Figure S137: Confirmation Check: If Understand



Figure S138: Confirmation Check: If Incorrect



Figure S139: Landlord Example



Figure S140: Pause

You are about a third of the way through the survey! Once you complete the survey, you will be paid \$20 in a gift card.

## **B.7.3** Original Dictator Game Instructions

As discussed in the text, we implemented several changes to the Tenant Survey Dictator Games on March 27, 2022.

- We randomized stakes.
- We reiterated privacy.
- We emphasize that funding would come from separate research funds.

Additionally, between March 27 and 30, we added language that reiterated that the payments to the own landlord would not count as rent.

The original instructions used before March 27 are below:

Figure S141: Original DG Instructions: Tenant

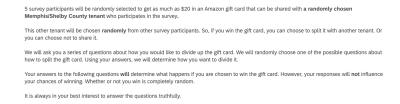


Figure S142: Original DG Instructions: Landlord

Survey participants will be randomly selected to get as much as \$20 in an Amazon gift card that can be shared with a Landlord.

So, if you win the gift card, you can choose to split it with \$(e://Field/nameforgamelong). Or you can choose not to share it.

We will ask you a series of questions about how you would like to divide up the gift card. We will randomly choose one of the possible questions about how to split the gift card. Using your answers, we will determine how you want to divide it.

Your answers to the following questions will determine what happens if you are chosen to win the gift card. However, your responses will **not** influence your chances of winning. Whether or not you win is completely random.

It is always in your best interest to answer the questions truthfully.

#### **B.7.4** Prior Beliefs

We now present the prior belief elicitations. As in the landlord experiment, we ask confirmation questions that reduce a percentage to an "odds" (e.g., 75% would reduce to "3 in 4"). These odds are stored in variables e://Field/proportion and e://Field/proportion\_file based on responses to the prior question.

Figure S143: Incentives

If you pay close attention and provide honest answers, you may earn an additional bonus payment of up to \$25 for accurate responses, which will be delivered in the coming weeks. You always maximize your payment if you answer questions accurately. What would you like to do next?

O I am ready to move on to the questions.

O I would like to read the technical information about the bonus payments.

Figure S144: Incentives Details

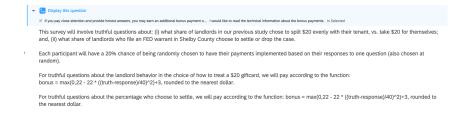


Figure S145: DG Beliefs: Explanation

You just did an activity where you chose whether to share a gift-card with another person (a landlord or a tenant).

We did the same task with landlords whose tenants applied for the program a few months ago.

The landlords could choose to split money between them and their own tenant. We are going to ask you some questions about what you think landlords chose to do.

Figure S146: DG Beliefs: Average

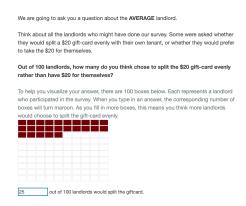


Figure S147: DG Beliefs: Average Confirmation

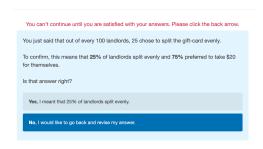


Figure S148: DG Beliefs: Average Uncertainty



Figure S149: DG Beliefs: Own

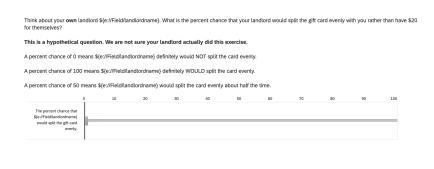


Figure S150: DG Beliefs: Transition Screen

You just said that there is a \${q://QID100/ChoiceNumericEntryValue/1}% chance that your landlord would split the giftcard evenly.

Figure S151: DG Beliefs: Confirmation

This means you think there is a \${e!/Field/proportion} chance that your landlord would split the gift-card. Is that right?

Yes, I meant that there is a \${e://Field/proportion} chance.

No, I would like to go back and revise my answer.

Figure S152: DG Beliefs: Uncertainty

How sure are you that there is there is a \$(e://Field/proportion) chance that your landlord would split the gift-card?

Very unsure

Somewhat unsure

Nother sure nor unsure

Somewhat sure

Very sure

Figure S153: Landlord Filing Beliefs: Explanation

Think of landlords who FILE an eviction to take their tenants to court. (This is more technically known as fiting an "FED warrant.") This does not mean they have the formal authority to evict a tenant.

First the case has to go through court.

Once they take their tenants to court, landlords sometimes drop the case before getting the formal authority to evict. We will refer to withdrawing, settling, or dropping the case as "settling or dropping" the case.

Landlords may settle or drop the case to bargain or negotiate with their tenants.

We are going to ask you some questions about how likely this is to occur.

Figure S154: Landlord Filing Beliefs: Average

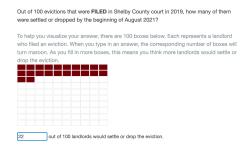


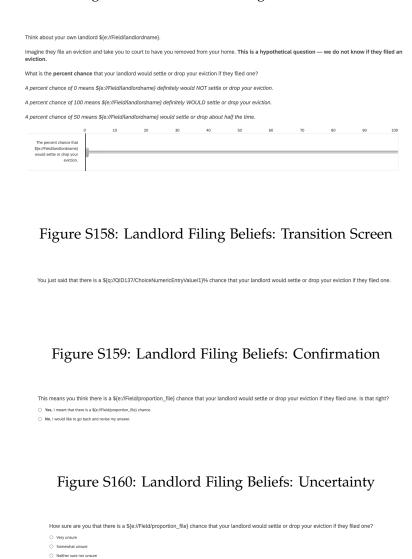
Figure S155: Landlord Filing Beliefs: Average Confirmation



Figure S156: Landlord Filing Beliefs: Average Uncertainty



Figure S157: Landlord Filing Beliefs: Own



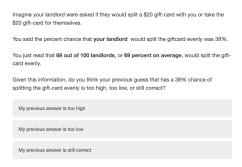
#### **B.7.5** Information Treatments

First we show the information treatment for the DG. Note that the information was randomized.

Figure S161: Information: DG

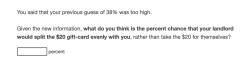


Figure S162: DG: Binary Update



[After the words "your landlord," the landlord name would populate.]

Figure S163: DG: Update

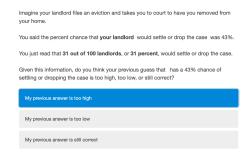


The information provided needed to be consistent with the direction of the belief update.

Figure S164: Information: Filing



Figure S165: Filing: Binary Update



# [After the words "your landlord," the landlord name would populate.]

Figure S166: Filing: Update



The information provided needed to be consistent with the direction of the belief update.

## **B.7.6** Payment Plan Outcome

Figure S167: Introduction

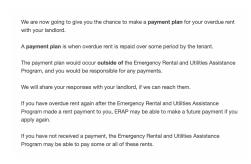


Figure S168: Introduction 2

Either way, we are going to ask if you would like to make a payment plan for how you would pay overdue rent.

Note that some of the overdue rent, like late fees, may not able to be paid by the program.

So, think about how you would make a payment plan for all of your overdue rents. If ERAP pays some or all of them in the future, then you can adjust.

Remember, every landlord is different. So, please think about what is best in your case.

Figure S169: Reminder of Probabilities

Remember, you said there was a \$[e:||Field/altpost]% chance your landlord would evenly split a \$20 gift-card with you You said there was a \$[e:||Field/bargpost]% chance your landlord would settle or drop an eviction case after filing one.

Figure S170: Want Payment Plan?

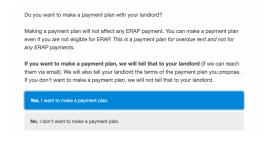


Figure S171: Want Payment Plan: Confirmation

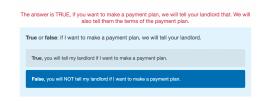


Figure S172: Payment Plan: Want to Stay



Figure S173: Amount Proposed

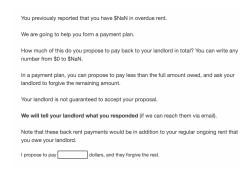


Figure S174: Weekly vs. Monthly

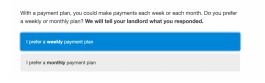


Figure S175: Payment Plan Division



Figure S176: Drop Case



Figure S177: Chance of Accepting



Figure S178: Chance of Accepting: Confirmation



Figure S179: Chance of Accepting: Confirmation 2



Figure S180: Future Surveys

We may contact you with another voluntary survey about payment plans in several months. Please keep an eye out in your email.

If you choose to complete that survey, we will pay you another gift card for survey completion at that time!

Figure S181: Already Have Payment Plan?



Figure S182: Email Confirm



Figure S183: Contact Us if Don't Know

If you entered a placeholder email because you don't know it, we can't send them a payment plan. If you would like to update your landlord's email, please contact charlie@mscera.org

Figure S184: Rights

We will send your landlord your proposed payment plan, if we can reach them via email. If they contact you about the payment plan, you may wish to request additional protections from your landlord. These protections could help you stay in your current home, if your landlord is willing to include them.

You have the right to request that:

Your landlord nequest that any pending eviction filling against you is dismissed if you successfully complete your payment plan.

If there has been an eviction judgment, the writ of eviction would not be executed while your payment plan is in effect.

If there has been an eviction judgment and you default on rent payments again, you get notice (at least 10 days) before execution of a writ of eviction.

Your landlord may also request additional terms under your payment plan.

### **B.7.7** Additional Outcomes

First, we included a Willingness to Pay for information outcome, which is useful for estimating a more elaborate bargaining model.

your back rents. You should discuss the proposed plan with your landlord.

Figure S186: Transition Screen

You are about three quarters of the way through the survey! Once you complete the survey, you will be paid \$20 in a gift card.

Figure S187: WTP for Information: Intro

You recently did a task where you were asked if you want to split giftcards with landlords and tenants.

Then we asked you what landlords did when they did this task.

Now we are going to ask you if you want to know how landlords acted on average.

Figure S188: WTP: Incentives

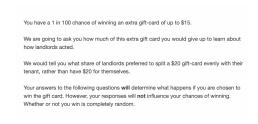


Figure S189: WTP: Details

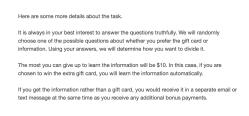


Figure S190: WTP: Example MPL



Next, we asked hypothetical questions about whether participants would forgo money to stay in their unit or remove an eviction from their record. We elicited these as multiple price lists and show examples below:

Figure S191: WTA to Stay in Unit (Example)



Figure S192: WTA to Remove Eviction (Example)



Next, we did the simple altruism elicitation (see landlord survey):

Please feel free to share any comments or feedback.

Figure S193: Simple Altruism: Tenant

