

## APPENDIX

### **Appendix I. Example of first-round Survey and Choice Experiment: Rent-in/out** Cornell University, Sichuan Agricultural University, Northwest Agricultural and Forestry University, Shandong University of Finance and Economics, Central University of Finance and Economics

Survey of Villagers to Assess Crop Insurance, Credit and Land Transfers

*NARRATIVE TO BE READ TO RESPONDENTS: First of all I would like to thank you for taking the time to meet with us. This survey should take approximately 10 minutes and again I thank you for your time. The survey we are conducting is a joint product between The Central University of Finance and Economics, Sichuan Agricultural University, Northwest Agriculture and Forestry University and Cornell University in the United States. We are interested in collecting information in relation to Land Use Rights, Land Transfer Centers. Your responses will be completely confidential and under no circumstances will your responses be identifiable. In addition we understand that you may not have all of the precise information available. In these cases all we ask is that you provide us with your best estimates or best judgments. Finally, you have the right to refuse to answer any question we might ask.*

Given these objectives are you willing to participate in this survey? Yes No

If NO then “*Ok, that is fine. For our records can you tell us why you do not want to participate?*”

NOTE to interviewer: *If answer above is because respondent does not feel they have the information we need then ask why and explain again that we only require a best effort on their part, and that we expect that not all respondents will have precise information. And then ask if they will reconsider.*

NOTE to interviewer: *If answer above is related to privacy issues, then remind respondent that their participation will be most helpful to our research and that they will remain anonymous and that their privacy is guaranteed. And then ask if they will reconsider.*

IF YES....” *Thank you very much for your consent. Let us begin. We would like to start off by asking some general questions about your farm household” ..... Go to question 1. DO NOT RECORD NAME OF RESPONDENT*

Village \_\_\_\_\_

Date \_\_\_\_\_

Interviewer \_\_\_\_\_

**A: Choice Experiment**

Assume that you are going to rent-in a land. If you could only choose from the following two choices. Which one would you choose? (Please check only one of the boxes at the bottom of this page).

Please assume that the two lands are identical except for price, and any information given on the labels.

Interviewers should explain the meanings of each attribute to respondents.

Rent: You should pay to farmers who rent out the land every year (yuan/mu/year)

Guarantee payment: financial commitments that require you pay money to make sure you would not change the land function and protect the land rights.

Land fragmentation: Land which rent-in is fragmented, piece or the whole block.

Land size: the land size of rent-in land

Transfer method: by land transfer center or not by land transfer center

Irrigation facilities: whether the rent-in land has irrigation or not

The distance from village: the rent-in land is far or near your living place

Land quality: low, middle, high

Land profitability: depend on the land function and the degree of change your land

function: low, middle, high

Certainty degree: from low to high, 1-5

The following choices provide you the transaction situations, which one you prefer to rent-in?

	Land 1	Land 2
Rent/year	\$ 500	\$ 800
Guarantee payment	No	Yes
Term of years	3	7
Fragmented	Yes	Yes
size	50	200
Distance to village	Far	Near
Institution	Land transfer center	Individual or private
Land quality	High	Middle
Profitability	Low	Low
How certain are you of the choice you made in the set?	0-----5	

**Farm Characteristics and Farmer Risk Attitude**

number	question		unit	response
--------	----------	--	------	----------

A1	farm characteristics	gender	0=female, 1=male	
A2		age	age	
A3		Including yourself how many people live in this house	number of people	
A4		How many members of your household are primarily involved in agricultural work	number of people	
A5		How many members of your household earn off-farm wages	number of people	
A6		Are you the primary decision maker in agricultural affairs	0=no, 1=yes	
A7		Do any household members work for village leader, village committee, state government, county government, state enterprise, and RCC or banks)	0=no, 1=yes	
A8		What is your education level	0=Never Went to School, 1=At least elementary school, 2=At least middle school , 3=At least high school , 4=Some University or college, 5=Completed College or University	
A9		How many years have you been farming	year	
A10		Compared with other farmers, your ability of cultivation is better	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately	

			Agree, 5=Strongly Agree	
A11		What is the total size of your household farm (Mou, allocated Land Use rights, excluding land rented in)	mu	
A12		How much land do you rent-in for agricultural use (total mou rented)	mu	
A13		In general, how would you describe the current agricultural business in your area compared to last year	1=GETTING WORSE, 2=ABOUT THE SAME,3=GETTING BETTER	
A14		Please list the top five crops you have grown in the past 12 months from the most valuable to the least valuable	1	
			2	
			3	
			4	
			5	
A15		Farm income	yuan	
A16		Off-farm income	yuan	
A17		Total income	yuan	
A18		Productive expenditure	yuan	
A19		Household Consumption expenditures (food, clothes, health, education, etc)	yuan	
A20		Other expenditures (e.g. car, house, vacation travel)	yuan	
A21		Gross Incomes minus Expenditures	yuan	

B1	Sources of Risk and Risk Perceptions	Accepting greater production risks to increase the chance of higher profits is important to me	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
B2		I am more likely to take risks with new agricultural technologies (mechanical or management practices or input use) before I see good results on other farms	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
B3		I am willing to take risks with new management practices before I see good results in other farms	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
B4		Diversifying my crop (including livestock) mix in order to reduce risk is important to me	1=Strongly Disagree , 2=Moderately Disagree, 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
B5		Having different Fields or farms at different locations (geographic diversification) is important to me	1=Strongly Disagree , 2=Moderately Disagree, 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
B6		I would consider growing more risky crops if I had (or have) greater access to irrigation	1=Strongly Disagree , 2=Moderately Disagree, 3=Agree , 4=Moderately Agree, 5=Strongly Agree	

B7		I would, or do, sell my agricultural products over a period of time rather than at harvest in order to reduce market price risk (diversified marketing)	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
B8		I have (or would if I could) made some non-farm investments in new business, or financial assets like stocks and bonds in order to diversify household income.	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
B9		I am willing to ACCEPT more risk in all aspects of life relative to my peers (other farmers that you know)	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
B10		In general, I believe that I TAKE more risks in all aspects of life than my peers.	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
C1	Precautionary Savings	What proportion of Household income (define income here as revenues minus productive expenses minus consumption and other non-productive expenditures) are you able to save in a year	1=none, 2=less than 5% , 3=3%-5% , 4=more than 10%	

C2		I save in case my house needs repair	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
C3		I save in case my automobile (e.g. car, motorcycle, tractor) breaks down.	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
C4		I save in case I cannot repay a loan from earnings.	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
C5		I save for unexpected medical emergency	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
C6		I save in case I lose my job	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	
C7		I save for unanticipated crop loss.	1=Strongly Disagree , 2=Moderately Disagree , 3=Agree , 4=Moderately Agree, 5=Strongly Agree	

C8		In your opinion, do you think saving is important?	1=Strongly unimportant, 2=Moderately unimportant, 3=important, 4=Moderately important, 5=Strongly important	
----	--	--	---	--

### Land Use Rights

In recent years ‘Land Transfer Centers’ have sprung up across China. These centers, sometimes referred to as ‘land Banks’ provide an exchange between farmers who are willing to rent their land and farmers willing to rent more land. Usually, the Land Transfer Centers offer the same amount to farmers willing to rent their land and charge the same amount to farmers wanting to rent more land. We are interested in understanding the economic consequences of farmers that have transferred land out, transferred land in, or have done neither.

1. To what extent you know about land transfer center and land bank.
  - a. I have never heard of a Land Transfer Center (or Land Bank)
  - b. I am aware of Land Transfer Centers but am not sure of its purpose.
  - c. I am very familiar with Land Transfer Centers
  - d. I have had personal contact with a Land Transfer Center
  
2. (If have knowledge of Land Transfer Center q34a-c), how did you learn about land transfer center and land bank?
  - i. The Land Transfer Center contacted me with information
  - ii. My financial institution (RCC or bank) informed me
  - iii. The village leader informed me and other villagers
  - iv. Government provided information
  - v. I was told of Land Transfer Centers by a friend or relative
  - vi. I saw information about Land Transfer Centers from public media such as television or the internet
  
3. To what extent you know about land reform, such as separation of three land right, new enterprises?
  - a. I have never heard of and not interested in it.
  - b. I am aware of land reform, such as separation of three right of land, but am not sure of its purpose.
  - c. I am very familiar with the whole process, such as N0.1 document.



4. What's your opinion towards the 30 years lengthening the term of land contract under the CPC 5 - year plan?
  - a. Strongly support
  - b. Moderately support
  - c. Support
  - d. Moderately not support
  - e. Strongly not support
  
5. Are you willing to or continue to do land transfer within the next five years?  
Yes, or No (please skip 6,7,8)
6. If yes, please indicate transfer out or transfer in
  
7. If you plan to transfer in or out, how long do you prefer terms of your circulation contract of land?
  - a. Less than one year
  - b. One year to three
  - c. More than three years
  
8. If you plan to transfer in or out, whom do you prefer to transfer
  - a. Relatives or Friends by individual or private contact
  - b. Farmer market, collective organizations or corporations by individual or private contact
  - c. Farmer market, collective organizations or corporations by collective organizations
  - d. Formal land institutions (such as Land Bank, Land transfer center)
  - e. Others
  
9. What's your agricultural machinery usage degree?
  - a. Totally by hand
  - b. Less agricultural machinery
  - c. Many machinery
  - d. Totally by machine
  
10. Have you used your land contracting rights to secure a loan with a local land transfer center/land bank or RCC/bank?  
Yes or no
11. How do you think of the difficulty degree of secure the loan  
No need, unclear  
Easy  
Very difficult  
Almost impossible

12. If they have secured a loan, how much you can get from: \_\_\_\_\_
13. If they have secured a loan, what's the interest rate: \_\_\_\_\_
14. Did you buy the crop insurance?  
Yes or no
15. Have you bought any other kinds of insurance, such as endowment insurance, accident insurance, or property insurance?
16. If yes, what kind of insurance you have bought:
- a. Endowment insurance,
  - b. Medical insurance
  - c. Employment injury insurance
  - d. Unemployment insurance
  - e. Others
17. I believe that crop insurance would become far more important to me if I were to increase my farming operation by renting land (production rights) from a Land Transfer Center or from private individuals.  
Strongly Disagree\_\_\_\_ Moderately Disagree \_\_\_\_\_ Agree\_\_\_\_ Moderately Agree\_\_\_\_ Strongly Agree \_\_\_\_\_
18. I believe that other kinds of insurance would become far more important to me if I were to have a living guarantee by renting land (production rights) out or in.  
Strongly Disagree\_\_\_\_ Moderately Disagree \_\_\_\_\_ Agree\_\_\_\_ Moderately Agree\_\_\_\_ Strongly Agree \_\_\_\_\_
19. Are you willing to give up the use right or with compensation?  
Yes or No
20. Under\_\_\_\_\_ you are willing to give up the land use right.
- a. Have hukou
  - b. Have urban social insurance
  - c. Have stable job
  - d. Have house in urban areas
  - e. Have enough compensation
  - f. Have appropriate transaction place
  - g. No matter whatever I would not give up
  - h. others

21. How would you describe your current situation with respect to contracting (renting) land use rights (production rights)?
- You rent land in, through a land transfer center
  - You rent land in, but not through a land transfer center (private contract)
  - You rent land in, through collective organization
  - You rent land out, through a land transfer center
  - You rent land out, but not through a land transfer center (private contract)
  - You rent land out, through collective organization
  - You neither rent land in, nor rent land out but farm the land by yourself
  - You neither rent land in, nor rent land out but leave the land idle.

**If you answer abc, you just need to fill in E**

**If you answer def, you just need to fill in F**

**If you answer gh, you just need to fill in G-H**

22. What mechanism do you use for land circulation (e.g. establishing land rental contracts)?
- Sub-contract (give your contract right to or from others, you keep the original contract) \_\_\_\_\_
  - Lease (rent-in and rent out) \_\_\_\_\_
  - Swap (exchange your contracting land between farmers) \_\_\_\_\_
  - Transfer \_\_\_\_ (give up your contract right directly)
  - Joint shareholding entitles\_\_\_\_\_ (earn livings by joint shares and use your land)

**Land rent-in** (If you answer D21 (a) or (b), C please just answer the following part question)

number	question		unit	response
E1	Rent-in	circulate area	mu	
E2		rent	yuan/mu/year	

E3		<p>Consider the amount you currently pay to rent land (RMB/mou) for land production rights. If the rental price increased by 30% (for example 1000 RMB to 1300 RMB/mou per year) would you? (Investigator: If response is (d) then verify the response; “you are saying that even if rental rates increased by 30% you will rent more land than you originally planned? are you certain of this response?”)</p>	<p>1= Rent no more land  2=rent some land, but less than I planned  3 Rent the same amount of land that I planned to  4= Increase the amount of land that I will rent</p>	
E4		<p>a. Consider the amount you currently pay to rent land (RMB/mou) for land production rights. If the rental price <i>decreased</i> by 30% (for example 1000 RMB to 700 RMB/mou per year) would you? (Investigator: If response is (a) or then verify the response; “you are saying that even if rental rates decreased by 30% you will rent less land than you originally planned?, are you certain of this response?”)</p>	<p>1=rent some land, but less than I planned  2=rent the same amount of land that I planned to  3=moderately increase the amount of land that I would rent above what I had planned  4= significantly increase the amount of land I would rent above what I originally planned</p>	
E5		term of contract	year	
E6		payment option	<p>1= Pay in full  2=pay in installment  3=others</p>	

E7		whether the rent-in land has the certificate of land use right	1=yes; 0=no	
E8		Whether the rent-in land could be circulated again	1=yes; 0=no	
E9		Whether the rent-in land could be circulated again whether the rent-in land could be used as collateral to borrow	1=yes; 0=no	
E10		the use after transfer in	1=food crop; 2=economic crop; 3=horticulture; 4=other	
E11		Thinking 5 years from now, how large of a land base do you think would be desirable for the scale of farm operation you most desire	mu	
E12		How many additional Mou do you plan to rent for agricultural production next year at current rental prices	mu	
E13		How much of maximum price you think you are willing to pay	yuan/mu/year	
E14		Do you have the contract	0=no, 1=yes	
E15		The contract is made by	1=farmer themselves, 2=collective economic organization, 3=land transfer center, 4=whom transfer out ( farmer or collective organizations )	

E16		How many times for meetings	times	
E17		Do you need get approval from village community of land rent-out	1=yes; 0=no	
E18		If yes, how many days for village community to get approval for you	days	
E19		Whom you sign the contract with	1=with individual famer 2=with collective community 3=with individual farmer but need get approval from collective community	
E20		If the land is from collective organization, where the land is from (if you answer yes on D21, please continue answering E20, E21; If you answer a or b, you can skip it)	1= land from collective organization combine or organize land together from individual farms 2=subcontract by village collective organization 3=land retained by the collective organization	
E21		If the land is from collective organization, whom you trade to	1=village collective organization 2=land stock cooperative 3=collective asset management company 4=others	

E22		Based on your current-intentions to rent land in the future, do you plan on investing in agricultural machinery to improve the efficiency of agricultural production?	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E23		I am willing to try some new economic management subjects such as family farm or collective farm	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E24		Over the next few years I would like to increase the size of my land base to make a commercial scale operation.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E25		I would prefer to increase the scale of my farming operation by renting land production rights, then leave farming and <i>take a wage job</i> .	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E26		I am willing to pay a higher rental price for land if the agreement comes with a guarantee of payment	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	

E27		I am willing to pay a higher rental price for land if the land rented is concentrated or not fragmented.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E28		I am willing to pay a higher rental price for land the rental contract has a longer term (e.g 3 or 5 years versus 1 year)	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E29		I am willing to pay a higher rental price for land if the transfer agreement is arranged through a formal Land Transfer Center rather than individual or non-governmental institution instead.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E30		I am willing to pay a higher rental price for land if the number of mou rented (the block size) is large.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E31		I am willing to pay a higher rental price for land if irrigation is accessible.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	



E32		I am willing to pay a higher rental price for land if the rented land is close to my village or community.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E33		I am willing to pay a higher rental price for land if the quality of land is better than my own personal land allocation.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E34		I am willing to pay a higher rental price for land if I can grow more profitable, higher valued crops than is traditionally grown in my village area.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E35		I will willing to pay a higher rental price if I can have access to crop subsidy when I increase or diversify my farming operation by renting land (production rights) from a Land Transfer Center or from private individuals.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E36		I am more willing to rent-in land when I could use the use right mortgage to secure a loan	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	

E37		I am more willing to rent-in land if you can simplify the process of right identification and transfer the land	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
E38		It is important to me when I can buy the agricultural insurance to reduce the production risk	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	

**Land rent out** (If you answer (D21, D, E, and F)), please answer the following question)

number	question		unit	response
F1	Rent out	circulate area	mu	
F2		rent	yuan/mu/year	
F3		term of contract	year	
F4		payment option	1= Pay in full 2=pay in installment 3=others	
F5		How many Mou do you plan to rent out at current rental prices	mu	
F6		How much of minimum price you think you are willing to accept	yuan/mu/year	
F7		The rent-out land is from	1=contract land by household 2=circulated land is used to recirculate	

F8		Whether circulation out need community permission	0=no, 1=yes	
F9		Do you have the contract	0=no, 1=yes	
F10		How many times for meeting	times	
F11		The contract is made by	1=farmer themselves, 2=collective economic organization, 3=land transfer center, 4=whom transfer out farmer or collective organizations )	
F12		Whom you sign the contract to	1= people who rent-in 2=with collective community 3=under the approval from collective community, with people who rent out	
F13		circulate to whom	1=friends or relatives; 2=collective organizations; 3=farmer farm; 4=collective farm; 5=agricultural corporations; 6=big and professional farm; 7=others	

F14		the reason of rent out	1=land is too much 2=land fragmentation 3=not much revenue 4=change job 5=others	
F15		The use of land rent out	1=food crops cultivation 2=economic crops cultivation 3=tourism 4=breeding industry 5=others	
F16		What do you plan to do with the land use rights money you receive	1= Pay off debts 2= Spend on usual household expenses 3= Pay medical expenses 4= Pay into a retirement fund 5= Invest in financial assets (e.g., STOCKS, BONDS, CDs, MUTUAL FUNDS) 6= Invest in existing on farm business activity 7= Invest in existing off farm business activity 8= Invest in new on farm business activity 9= Invest in new off farm business activity 10= Spend on one-time household expenses 11= I have not decided how to use the money 12=other (please clarify___)	

F17		Describe the status that mostly fits	1=non-farm enterprise; 2=off-farm wage labor; 3=farm wage labor ; 4=no job 5=pension; 6=other	
F18		I need to receive a higher rental price for land if the agreement comes with a guarantee of payment	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
F19		I need to receive a higher price for the land is concentrated not fragmented	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
F20		I need to receive a higher rental price for land the rental contract has a longer term (e.g 3 or 5 years versus 1 year)	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	

F21		I need to receive a higher rental price for land if the transfer agreement is arranged through an individual or non-governmental institution rather than formal Land Transfer Center instead.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
F22		I need to receive a higher rental price for land if the land use right could be used to borrow against the collateral.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
F23		I need to receive a higher price for the land irrigation is accessible.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
F24		I need to receive a higher price for the land is close to our village or community.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	

F25		I need to receive a higher rental price for land if the quality of land is better than other villagers' personal land allocation.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
F26		I need to receive a higher rental price for land if the tenant can grow more profitable, higher valued crops than is traditionally grown in my village area.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
F27		I need to receive a higher rental price for land if I have access to crop subsidy to planting one when I plant my land.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
F28		I need to receive a higher rental price for land if I have access to crop subsidy to contracting one when I plant my land.	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
F29		whether to prohibit renter to circulate land out again	0=no, 1=yes	
F30		whether prohibit renter to borrow against the collateral by land	0=no, 1=yes	

F31		Simplify the process of identifying the right and process of circulation, you are more willing to transfer out land	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
F32		Using the contract to secure the loan, you are more willing to transfer out the land	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	

**Neither transfer out or in** (If you answer (D21.G), H)), please just answer the following questions)

number	question		unit	response
	neither rent-in or rent out			
G1	I have decided not to rent additional land because	I have no desire to farm additional lands	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
G2		Relative to other farmers my agricultural ability is low	1=Strongly Disagree, 2=Moderately Disagree, 3=Agree, 4=Moderately Agree, 5=Strongly Agree	



G3		I would not be able to find labor required to grow more crops	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
G4		I do not believe that I can be profitable given current land rental prices	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
G5		No appropriate land available, such as access to irrigation and good grade of land quality	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
G6		No official transfer service platform provided, such as land bank or land transfer center	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
G7		I fear that the rental contract will not be honored	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	

G8		Others, please clarify	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
H1	I have decided not to rent out my land because	I am satisfied with my current living and family conditions and simply do not want a change.	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
H2		I am afraid that I will lose social service guarantees without land	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
H3		I believe that rental rates are too low	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
H4		There is no official service platform provided, such as land bank or land transfer center in my area	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	

H5		I can find no information channel such as a website or resource center that explains the tenant-lease relationship.	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
H6		I worry that the renter will the break of contract	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
H7		I do not want to take the risk of decreased land quality	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
H8		I am afraid that I will lose farm subsidy.	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	
H9		Others	1=Strongly Disagree, 2=Moderately Disagree , 3=Agree, 4=Moderately Agree, 5=Strongly Agree	

*To be answered by interviewer only*

1. In your opinion the respondent was engaged in this survey and answered truthfully all questions? Strongly Agree \_\_\_ Moderately Agree \_\_\_ Agree \_\_\_ Disagree \_\_\_ Strongly Disagree \_\_\_
2. In your opinion the quality of answers provided in this survey is adequate to include in any written reports. Strongly Agree \_\_\_ Moderately Agree \_\_\_ Agree \_\_\_ Disagree \_\_\_ Strongly Disagree \_\_\_

Please make any other relevant comments here:

**Appendix II. Example of first-round Survey and Choice Experiment: Rent-in/out (Chinese)**

康奈尔大学，四川农业大学，西北农林科技大学，山东财经大学，中央财经大学

**农村土地流转调研农户问卷(“流入土地”选择)**

**采访者需告知受访者:** 首先，感谢您花费宝贵的时间接受我们的问卷采访。此次问卷采访需要花费您20分钟左右的时间。此次问卷调查是由中央财经大学，四川农业大学，山东财经大学，西北农林科技大学，美国康奈尔大学针对土地流转、作物保险、农村信贷合作科研项目发起的实地调研。

**我们承诺:** 调查只涉及科学研究，不涉及商业活动，并对获取信息保密。除此之外，我们了解到您可能会对部分问题没有确切答案，在这种情况下，我们希望您能做出合理猜测或预估。最后，我们尊重您不参与调查的权利。感谢您的合作。祝您工作顺利，万事如意！

针对上述内容，您是否愿意参与此次调查

是\_\_\_\_\_ 否\_\_\_\_\_

若您不愿意参与此次调查，我们恳请您告知拒绝参与调查的原因：

**采访者须知:** 如果受访者不愿参与调查，是担心不能给出您们需要的信息，那么应再次确认并重新解释“您们只需您做出最合理回答，并不要求您提供最精确信息”。随后请再次确认受访者意愿。

**采访者须知：**如果受访者不愿参与调查，是担心本次问卷涉及到个人隐私，请再次向其强调“本次调研完全匿名，并对获取信息保密，且您的参与对您们的调查极为重要”。随后请再次确认受访者意愿。

若受访者同意参与调查：*非常感谢您的参与。下面我们将从询问您选择题开始。*

镇（街）名称 \_\_\_\_\_

村名 \_\_\_\_\_

调查者 \_\_\_\_\_

调查日期 \_\_\_\_\_

### 第一部分：选择题

假设您现在想要租入土地,租借市场上有以下两块土地,您更倾向于租入下面哪块土地(请在选项下方一栏中标出您的选择).以下一共有六组选择,每组选择的两个选项除了条件中提到的属性不一致外,其余条件都相同,例如假设两块土地都处于同个地区,有很好的光照资源等。

采访者需向受访者解释各指标含义:

租金是指您每年向流出方支付租地的金额(元/亩/年);

履约保证金是指您(是否)需要向流出方缴纳一定金额以确保流转土地用途不变和土地利益不受损害;

土地分散化是指所选择流入的土地是集中一整块还是分散在不同地域;

面积大小是指您选择租入土地的面积大小;(亩)

流转途径分为不通过土地流转中心和经过土地流转中心等正规平台;

灌溉设施是指您选择租入的土地(是否)具备灌溉的便利;

距村庄距离是指所想要转入的土地离村庄(您的居住地)的距离远近;(分为远,近)

土壤肥力指土地自然属性,比如土壤质量。(分为低,一般,以及高)

土地收益是指土地经济属性,包括土地用途的多样性和土地用途变更的困难性(例如高收益土地既可种植经济作物也可以种植粮食作物,且易变更,盈利能力强)。(分为低,一般,以及高)

您的选择肯定程度:指农户在做出选择后,对于该选择的肯定程度,肯定程度由1-5依次上升。

**M1. 假设您现在需要租入土地（土地属性包含在交易条件中）**

下面有两个选项为您提供可租用土地交易的条件，您更倾向于租入下列哪一块土地。

	土地1	土地2			
租金	600	600			
是否需缴纳履约保证金	是	否			
土地分散化	集中化	细碎化			
面积大小（亩）	100	100			
合同年限	1年	1年			
流转途径	不通过土地流转中心	土地流转中心			
灌溉设施	是	是			
距村庄距离	远	近			
土壤肥力	低	低			
土地收益	一般	高			
选择					
您的选择肯定程度是	1	2	3	4	5

**M2. 假设您现在需要租入土地（土地属性包含在交易条件中）**

下面有两个选项为您提供可租用土地交易的条件，您更倾向于租入下列哪一块土地。

	土地1	土地2			
租金	600	600			
是否需缴纳保证金	否	否			
土地分散化	集中化	集中化			
面积大小（亩）	200	50			
合同年限	5	5			
流转途径	不通过土地流转中心	不通过土地流转中心			
灌溉设施	是	否			
距村庄距离	近	远			
土壤肥力	低	低			
土地收益	低	高			
选择					
您的选择肯定程度是	1	2	3	4	5



**M3. 假设您现在需要租入土地（土地属性包含在交易条件中）**

下面有两个选项为您提供了可租用土地交易的条件，您更倾向于租入下列哪一块土地。

	土地1	土地2			
租金	700	600			
是否需缴纳保证金	是	否			
土地分散化	细碎化	集中化			
面积大小（亩）	50	150			
合同年限	5年	5年			
流转途径	不通过土地流转中心	不通过土地流转中心			
灌溉设施	否	是			
距村庄距离	近	近			
土壤肥力	高	高			
土地收益	高	高			
选择					
您的选择肯定程度是	1	2	3	4	5

**M4. 假设您现在需要租入土地（土地属性包含在交易条件中）**

下面有两个选项为您提供了可租用土地交易的条件，您更倾向于租入下列哪一块土地。

	土地1	土地2			
租金	800	800			
是否需缴纳保证金	是	是			
土地分散化	细碎化	细碎化			
面积大小（亩）	25	200			
合同年限	3	7			
流转途径	土地流转中心	不通过土地流转中心			
灌溉设施	否	是			
距村庄距离	近	近			
土壤肥力	低	一般			
土地收益	低	一般			
选择					
您的选择肯定程度是	1	2	3	4	5

**M5. 假设您现在需要租入土地（土地属性包含在交易条件中）**

下面有两个选项为您提供了可租用土地交易的条件，您更倾向于租入下列哪一块土地。

	土地1	土地2			
租金（元/亩/年）	900	900			
是否需缴纳保证金	是	是			
土地分散化	集中化	细碎化			
面积大小（亩）	50	200			
合同年限	1年	1年			
流转途径	不通过土地流转中心	土地流转中心			
灌溉设施	是	是			
距村庄距离	远	近			
土壤肥力	低	高			
土地收益	高	一般			
选择					
您的选择肯定程度是	1	2	3	4	5

**M6. 假设您现在需要租入土地（土地属性包含在交易条件中）**

下面有两个选项为您提供了可租用土地交易的条件，您更倾向于租入下列哪一块土地。

	土地1	土地2			
租金（元/亩/年）	700	900			
是否需缴纳保证金	是	否			
土地分散化	分散化	分散化			
面积大小（亩）	150	50			
合同年限	1年	1年			
流转途径	土地流转中心	土地流转中心			
灌溉设施	否	是			
距村庄距离	近	远			
土壤肥力	低	低			
土地收益	低	高			
选择					
您的选择肯定程度是	1	2	3	4	5

**第二部分：基本信息**

采访者：本部分由人口及经济状况，风险意识，以及储蓄预防意识三部分组成，以表格的形式展现。请采访者就表格中的内容向受访者提问

序号	问题	单位	回答
A1	人口及经济状况	性别	0=女, 1=男
A2		年龄	岁
A3		总人数（户籍人数）	人数
A4		主要在家务农人数	人数
A5		主要在外打工人数	人数
A6		您是否为家中农业事务上的第一决策者	0=否, 1=是
A7		您家中成员是否参与村干部、村委会、农村信用合作社等银行、县市政府的工作	0=否, 1=是
A8		您的受教育程度	1=未上学, 2=小学, 3=初中, 4=高中, 5=职业学校或大学, 6=已完成本科
A9		您从事农业生产已经多少年	年
A10		和同村其他农民相比, 您的耕作能力更强	1=非常不同意, 2=不同意, 3=同意, 4=比较同意, 5=非常同意
A11		您承包地总面积（不包括土地流转）	亩
A12		您通过流转用于农业生产土地总面积	亩
A13		您觉得目前本地区的农业产业形势和	1=变差, 2=持平, 3=变好

		去年相比（农产品市场价格，政策导向等）		
<b>A14</b>		请您列举去年内所耕种的5种作物，按价值从高到低	1	
			2	
			3	
			4	
			5	
<b>A15</b>		农业收入	元	
<b>A16</b>		非农业收入	元	
<b>A17</b>		总收入	元	
<b>A18</b>		生产支出 <sup>1</sup>	元	
<b>A19</b>		生活消费开支 <sup>2</sup>	元	
<b>A20</b>		其他支出 <sup>3</sup>	元	
<b>A21</b>		收入盈余 <sup>4</sup>	元	
<b>B1</b>	风险意识	您愿意接受更高的生产风险去增加更高收益的可能性	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
<b>B2</b>		您愿意接受更高的风险首先尝试新的农业技术（和同村其他人相比）	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
<b>B3</b>		您愿意接受更高的风险去首先尝试新的农业经营形式和理念（和同村其他人相比）	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	

<sup>1</sup> 生产支出主要包括农、林、牧、副、渔各业产品所耗费的种籽、饲料、燃料、生产工人工资、农机具折旧以及因管理生产和为生产服务而发生的各种费用

<sup>2</sup> 生活消费开支主要包括衣食住行、子女教育、医疗支出日常生活所涉及的支出等

<sup>3</sup> 其他支出主要包括非生产支出及非生活消费支出，例如：红白喜事、娱乐消费等。

<sup>4</sup> 收入盈余=总收入-总支出

<b>B4</b>		您愿意通过种植多样化品种来降低风险	1=非常不愿意, 2=比较不愿意, 3=愿意, 4=比较愿意, 5=非常愿意	
<b>B5</b>		您愿意通过分散种植区域(地理多样化)来降低种植风险	1=非常不愿意, 2=比较不愿意, 3=愿意, 4=比较愿意, 5=非常愿意	
<b>B6</b>		您愿意在更好的灌溉条件下, 种植更具风险的作物(去增加更高收益的可能性)	1=非常不愿意, 2=比较不愿意, 3=愿意, 4=比较愿意, 5=非常愿意	
<b>B7</b>		相比在收获时节出售农产品, 您更愿意在分散时间段出售来降低市场价格风险	1=非常不愿意, 2=比较不愿意, 3=愿意, 4=比较愿意, 5=非常愿意	
<b>B8</b>		您愿意进行非农投资或者购买金融资产(例如股票、债券)降低收入单一化的风险	1=非常不愿意, 2=比较不愿意, 3=愿意, 4=比较愿意, 5=非常愿意	
<b>B9</b>		相对于同村其他人, 您更能够接受风险	1=非常不同意, 2=比较不同意, 3=同意, 4=比较同意, 5=非常同意	
<b>B10</b>		相对于同村其他人, 您承担了更多的风险	1=非常不同意, 2=比较不同意, 3=同意, 4=比较同意, 5=非常同意	
<b>C1</b>	储蓄及预防意识	您储蓄的份额占您纯收入的多少	1=不存钱, 2=少于5%, 3=5%-10%, 4=多于10%	
<b>C2</b>		您存款是担心住房需要整修	1=非常不同意, 2=比较不同意, 3=同意, 4=比较同意, 5=非常同意	
<b>C3</b>		您存款是担心交通工具需要维修	1=非常不同意, 2=比较不同意,	

			3=同意, 4=比较同意, 5=非常同意	
C4		您存款是担心紧急医疗事故发生	1=非常不同意, 2=比较不同意, 3=同意, 4=比较同意, 5=非常同意	
C5		您存款是担心收入不足以支付贷款	1=非常不同意, 2=比较不同意, 3=同意, 4=比较同意, 5=非常同意	
C6		您存款是担心您失去日常经济来源(失业)	1=非常不同意, 2=比较不同意, 3=同意, 4=比较同意, 5=非常同意	
C7		您存款是担心预料外的农业生产损失(例如旱涝)	1=非常不同意, 2=比较不同意, 3=同意, 4=比较同意, 5=非常同意	
C8		在您看来, 存款储蓄是否重要	1=非常不重要, 2=比较不重要, 3=重要, 4=比较重要, 5=非常重要	

### 第三部分：土地经营权

采访者：近年来，土地流转中心在全国各地发展迅速。这些土地流转平台，例如土地银行，为有意愿流出土地和流入土地的农民们提供了一个互相合作的机制。通常来说，土地流转中心通过协调流出土地和流入土地的数量，促成流转双方达成意向，协助办理流转过程中有关事项。我们小组以此土地流转中农民选择的经济结果（流出，流入或者不参与）进行调研。

D1. 您对土地流转中心或土地银行等流转平台的了解程度是：\_\_\_\_\_

- a. 我从未听说过土地流转中心或土地银行
- b. 我知道土地流转中心，不了解其业务功能
- c. 我很了解土地流转中心或土地银行等流转平台，但未办理过业务
- d. 我和土地流转中心等流转平台已有联系或合作

D2. 如果您了解土地流转中心等平台（D1:b-d），您是通过什么途径了解的(可多选)：\_\_\_\_\_

- a. 土地流转中心上门联系，提供信息
- b. 通过农村金融借贷组织的宣传了解
- c. 基层组织（村委会等）鼓励宣传
- d. 政府等相关部门的宣传，提供信息
- e. 通过朋友亲戚的告知宣传
- f. 公众渠道的信息宣传，例如电视或网站（土流网等）

D3. 您对现有农村土地政策的改革发展（例如新型经营主体，农地三权分置，延长承包期等）了解程度：\_\_\_\_\_

- a. 我从未听说过，并且不感兴趣
- b. 我了解基本内容，但是不理解它的目的
- c. 我非常熟悉并很感兴趣（例如每年的一号文件）

D4. 您对于土地承包期长久不变<sup>5</sup>的态度是：\_\_\_\_\_

- a. 非常支持
- b. 一般支持
- c. 支持
- d. 不支持
- e. 非常不支持

D5. 您是否有意愿在接下来五年内参与或者继续土地流转：\_\_\_\_\_

- a. 是
- b. 否（如果是，请跳过第D6,D7,D8题）

D6. 如果是，请问是土地流入或者土地流出？\_\_\_\_\_

- a. 流入
- b. 流出

---

<sup>5</sup> 长久不变既指土地承包关系的长久不变也指土地承包现状不变，例如增人不增地，减人不减地。

D7. 如果您计划或已流转土地，您倾向于流转年限是多少？\_\_\_\_\_

- a. 少于一年
- b. 一年至三年
- c. 多于三年

8. 如果您计划或已流转土地，您倾向于与谁进行流转：\_\_\_\_\_

- a. 自发与亲戚或者邻居进行流转
- b. 自发与与家庭农场，合作社，农业企业种植大户流转
- c. 通过集体组织与家庭农场，合作社，农业企业种植大户流转
- d. 通过交易中心，例如土地流转中心交易
- e. 其他\_\_\_\_\_

D9. 您实际经营承包地耕种的农业机械使用程度：

- a.完全人工生产
- b.农业机械使用较少
- c.农业机械使用较多
- d.完全机械化生产

D10. 您是否有通过承包经营权或经营权抵押从土地合作社或金融机构获得贷款：\_\_\_\_\_

- a.是
- b.否（如果回答b，请跳过D12,D13）

D11. 您认为获得抵押贷款的难易程度：\_\_\_\_\_

- a.无贷款需求，不清楚
- b.容易
- c.非常困难
- d.几乎不可能
- e.其他\_\_\_\_\_

D12. 如有抵押贷款，贷款额度是(万元)：\_\_\_\_\_

D13. 如有抵押贷款，贷款年利息（利率）是(%)：\_\_\_\_\_

D14. 您是否购买农业保险？\_\_\_\_\_

- a.是
- b.否

D15. 您有没有购买其他形式的保险？（农村养老保险，意外险，财产险或城镇社会保险等）\_\_\_\_\_

- a.是
- b.否

D16. 若有，参加了保险险种(如社会保险)有\_\_\_\_\_：

- a.养老保险
- b.医疗保险
- c.工伤保险
- d.失业保险
- e.其他\_\_\_\_\_

D17. 购买保险，例如养老保险对于土地流转来获得基本生活保障是否重要：\_\_\_\_\_



a.非常不重要 b.比较不重要 c.重要 d.比较重要 e.非常重要

D18. 有偿放弃或退出承包地，您愿意吗？\_\_\_\_\_

a.愿意(请跳过D19题)

b.不愿意

D19. 如果不愿意，在\_\_\_\_\_情况下，您才愿意放弃土地承包经营权（可多选）：\_\_\_\_\_

a.有城镇户口 b.有城镇社会保险 c.在城镇有稳定工作 d.城镇有住房问题； e.给予足够的补偿 f.有合适的交易场所 g.无论怎样都不会放弃 h.其他

D20. 您是否参与农地承包确权登记颁证？\_\_\_\_\_

a. 是（您拥有土地承包经营权证书）

b. 否

D21. 您如何描述您现有土地承包经营权或者经营权的主要流转状态：\_\_\_\_\_

a. 通过土地流转中心等正规流转平台流入土地

b. 通过私人渠道自发联系并完成流入土地

c. 通过集体组织流入土地

d. 通过土地流转中心等正规流转平台流出土地

e. 通过私人渠道自发联系并完成流出土地

f. 通过集体组织流出土地

g. 既没有流入土地也没有流出土地，自己耕作。

h. 既没有流入土地也没有流出土地，也不耕作（荒地）。

D22. 若您参与土地流转，是通过何种方式？\_\_\_\_\_

a. 土地转包； 6

b. 土地互换； 7

c. 土地出租； 8

d. 土地入股； 9

---

<sup>6</sup> 土地转包：仅限于村集体内部成员，承包方将部分或全部土地承包经营权以一定期限转给同一集体经济组织其他农户从事农业生产经营。转包后原土地承包关系不变。

<sup>7</sup> 土地互换：村集体内部成员为方便耕作或者各自需要，对属于同一集体经济组织的承包地块进行交换，同时交换相应的土地承包经营权。

<sup>8</sup> 土地出租：承包方将部分或全部土地承包经营权以一定期限租赁给他人从事农业生产经营。出租后原土地承包关系不变。

<sup>9</sup> 土地入股：承包农户将自己土地作为资产，折价入股到企业或农民合作社，投入到生产经营中，产生的利润按照入股的比例分配给农户。

e. 土地转让； 10

E. 土地流入（如果您有回答D21（a,b,c），请只回答以下有关土地流入问题）

序号	问题	单位	回答
E1	土地	流转面积	亩
E2	流入	流转租金均价	元/亩/年
E3		如果在您现有流转租金的均价上提高百分之三十（例如租金是1000元，提高到1300元）您更倾向于：_____（如果受访者回答（4）请再次通过询问“您是说尽管租金升高30%，您仍然愿意租入比计划中的更多土地）确认回答。）	1=不流转更多土地； 2=流转更多土地，但比我预计中少； 3=流转与我预计中同等数量的土地； 4=流转更多土地，并且比我预计中多
E4		如果在您现有流转租金的均价上降低百分之三十（例如租金是1000元，降低到700元）您更倾向于：_____（如果受访者回答（1）请再次通过询问“您是说尽管租金降低30%，您仍然愿意租入比计划中的更少土地）确认回答。）	1=流转土地，但比我预计中少； 2=流转与我预计中同等数量的土地； 3=适当增加流转原计划土地（小幅度增加）； 4=大幅度增加流转原计划土地
E5		流转年限	年
E6		租金支付方式	1=一次付清； 2=一年一付； 3=其他（请说明：_____）
E7		流转后是否颁发土地经营权证书	0=否， 1=是
E8		转入土地是否可以再流转	0=否， 1=是

<sup>10</sup> 土地转让：承包方有稳定的非农职业或者有稳定的收入来源，经承包方申请和发包方同意，将全部或部分土地承包经营权让渡给其他从事农业生产经营的农户，由他去履行相应土地承包合同的权利和义务。转让后原土地承包关系自行终止。

E9	转入土地是否可用于抵押融资（土地经营权）	0=否，1=是	
E10	流转后用途	1=种植业（粮食作物）； 2=种植业（经济作物）； 3=乡村旅游业； 4=养殖业；5=其他	
E11	接下来五年内，最理想的规模化经营面积	亩	
E12	接下来一年内，计划转入面积	亩	
E13	愿意支付租金的最高价格	元/亩/年	
E14	是否签订合同	0=否，1=是	
E15	合同主要由制定	1=农户自己； 2=集体经济组织； 3=土地流转中心等； 4=转出方（农户或集体经济组织）	
E16	签订合同前协商次数	次	
E17	是否需要获得流入土地的村委会同意	0=否，1=是	
E18	如是，村委会审批时间多长	天	
E19	合同与谁签订	1=与农户签订；2=与集体经济组织签订 3=与农户签订，但需经过集体经济组织同意	
E20	如果是自集体处流入土地，流入土地的来源是（如您回答在D21是回答c，请您继续回答E20,E21,若您回答a或b可选择跳过）	1=土地由集体从农户集中 2=集体替农户转包 3=集体预留土地	
E21	如果是自集体处流入土地，您是与谁进行交易	1=村委会； 2=土地股份合作社 3=集体资产管理公司 4=其他（请说明：_____）	
E22	您有意愿在参与土地流转的前提下，在农业机械中投入更多资本，来提高农业生产力	1=非常不愿意，2=比较不愿意， 3=愿意，4=比较愿意，5=非常愿意	

E23	您有意愿在参与土地流转的前提下，成为新型经营主体（例如家庭农场，合作社，农业企业）	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
E24	在接下来的三年内，您有意愿通过流入土地来增加粮食作物种植土地面积且参加规模化生产	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
E25	在接下来的三年里，您更愿意通过流入土地来增加种植品种（例如经济作物，园艺，其他），丰富粮种结构，相比较于不种植而从事工资性岗位	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
E26	在需要缴纳保证金的前提下流入，您愿意支付更高的租金。	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
E27	在流入集中化土地（非分散化土地）时，您愿意支付更高的租金。	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
E28	在更长的流转合同期限下流入，您愿意支付更高的租金。	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
E29	在土地流转中心等正规平台上流入时，您愿意支付更高的租金。	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
E30	在流转的面积越大时，您愿意支付更高的租金。	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
E31	在土地有更好的灌溉条件时，您愿意支付更高的租金。	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
E32	在租入更靠近村庄的土地时（交通更便利），您愿意支付更高的租金。	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	
E33	在土壤肥力（例如土壤质量等）高于您本身承包到户的地的质量时，您愿意支付更高的租金。	1=非常不愿意， 2=比较不愿意， 3=愿意， 4=比较愿意， 5=非常愿意	

E34		在流入土地可用于种植相对于传统种植作物中收益价值更高的新作物时，您愿意支付更高的租金。	1=非常不愿意，2=比较不愿意，3=愿意，4=比较愿意，5=非常愿意	
E35		获得政府农业补贴时（补贴到种植户），您更愿意转入土地	1=非常不愿意，2=比较不愿意，3=愿意，4=比较愿意，5=非常愿意	
E36		可通过经营权抵押获得贷款时，您更愿意转入土地	1=非常不愿意，2=比较不愿意，3=愿意，4=比较愿意，5=非常愿意	
E37		简化确权及流转手续时，您更愿意转入土地	1=非常不愿意，2=比较不愿意，3=愿意，4=比较愿意，5=非常愿意	
E38		购买农业保险来降低生产风险，对于土地流入来说是重要的	1=非常不重要，2=比较不重要，3=重要，4=比较重要，5=非常重要	

序号	问题	单位/编码	回答
F1	土地	流转面积	亩
F2	流出	流转租金均价	元/亩/年
F3		流转年限	年
F4		租金支付方式	1=一次付清；2=一年一付；3=其他（请说明：_____）
F5		接下来一年内，计划转出面积	亩
F6		接受支付租金的最低价格	元/亩/年
F7		流出土地来源	1=自家承包农田 2=流入土地再次流转
F8		是否需要村委会同意流出	0=否，1=是
F9		是否签订合同	0=否，1=是
F10		签订合同前协商次数	次
F11		合同主要由谁制定	1=农户自己；2=集体经济组织；3=土地流转中心等；4=转入方（农户或集体经济组织）
F12		与谁签订合同	1=与转入方；2=与集体经济组织 3=在集体经济组织同意后，和转入方
F13		流转给谁	1=亲朋好友；2=集体；3=家庭农场；4=合作社；5=农业企业；6=种植大户；7=其他（请说明）

F14	主要流出原因	1=地太多；2=土地较分散； 3=不赚钱；4=转业 5=其他（请注明：_____）	
F15	流转后用途	1=种植业（粮食作物）； 2=种植业（经济作物）； 3=乡村旅游业； 4=养殖业；5=其他	
F16	您计划如何使用您通过流转（转出）得到的租金（可多选）	1=偿还债务（例如贷款）； 2=支付日常消费； 3=支付医疗支出； 4=支付退休养老保险； 5=购买金融产品； 6=投资现有农业生产； 7=投资现有非农业生产； 8=投资新兴农业商业生产； 9=投资新兴非农业商业生产； 10=投资一次性家庭支出； 11=还有没有决定如何使用； 12=其他（请注明：_____）	
F17	流出后您主要处于何种状态	1=非农业创业； 2=非农业工资性职业； 3=农业工资性职业（例如农业经理人）； 4=待业；5=养老；6=其他（请注明：_____）	
F18	在获得保证金的情况下流出，您需要更高的租金	1=非常不需要，2=比较不需要， 3=需要，4=比较需要，5=非常需要	
F19	在土地地理位置集中的情况下流出，您需要更高的租金	1=非常不需要，2=比较不需要， 3=需要，4=比较需要，5=非常需要	
F20	在更长的流转合同期限下流出，您需要更高的租金	1=非常不需要，2=比较不需要， 3=需要，4=比较需要，5=非常需要	
F21	在土地流转中心等正规平台上流出，您需要更高的租金	1=非常不需要，2=比较不需要， 3=需要，4=比较需要，5=非常需要	
F22	在能够通过土地经营权抵押贷款时流出，您需要更高的租金	1=非常不需要，2=比较不需要， 3=需要，4=比较需要，5=非常需要	

F23		在土地有更好的灌溉条件时流出，您需要更高的租金	1=非常不需要，2=比较不需要，3=需要，4=比较需要，5=非常需要	
F24		在租出更靠近村庄的土地时（交通更便利），您需要更高的租金	1=非常不需要，2=比较不需要，3=需要，4=比较需要，5=非常需要	
F25		在土壤肥力（例如土壤质量等）高于其他村民承包地的质量时流出，您需要更高的租金	1=非常不需要，2=比较不需要，3=需要，4=比较需要，5=非常需要	
F26		在转出土地时转入方可以种植相对于传统种植作物中收益价值高的新作物时，您需要更高的租金	1=非常不需要，2=比较不需要，3=需要，4=比较需要，5=非常需要	
F27		在可以获得种植补贴(补贴到种植户而非承包户)的情况下，您需要更高的租金	1=非常不需要，2=比较不需要，3=需要，4=比较需要，5=非常需要	
F28		在可以获得种植补贴(补贴到承包户而非种植户)的情况下，您需要更高的租金	1=非常不需要，2=比较不需要，3=需要，4=比较需要，5=非常需要	
F29		是否限制转入方将土地再流转	0=否，1=是	
F30		是否限制转入方以土地抵押融资	0=否，1=是	
F31		简化确权及流转手续，您更愿意转出土地	1=非常不愿意，2=比较不愿意，3=愿意，4=比较愿意，5=非常愿意	
F32		可通过流转合同（流出土地收益权）抵押贷款，您更愿意转出土地	1=非常不愿意，2=比较不愿意，3=愿意，4=比较愿意，5=非常愿意	
序号	问题		单位/编码	回答
	未参与流转			
G1	未参与转入的原因	没有意愿去种植更多土地	1=非常不同意，2=比较不同意，3=同意，4=比较同意，5=非常同意	
G2	未参与转入的原因	和其他合作社成员相比，我的种植水平不高，经验不足	1=非常不同意，2=比较不同意，3=同意，4=比较同意，5=非常同意	

<b>G3</b>		没有足够的劳动力去种植更多土地（劳动力外出或年迈）	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	
<b>G4</b>		在现有的土地租金价格下，我不能获得很高的利润收入	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	
<b>G5</b>		没有找到合适的土地，例如有灌溉条件或者有很好的土壤肥力	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	
<b>G6</b>		没有找到合适的流转平台（或者我地区并没有提供较高质量的流转平台），例如土地银行或者土地流转中心	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	
<b>G7</b>		流转中合同中我的权利得不到保障	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	
<b>G8</b>		其他； 请说明：_____	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	
<b>H1</b>	未参与转出的原因	满意我现有的农业生产规模结构，并不想改变	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	
<b>H2</b>		害怕失去土地后，得不到生活保障	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	
<b>H3</b>		在现有的土地租金价格下，我不能获得很高的利润收入	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	
<b>H4</b>		没有找到合适的流转平台（或者我地区并没有提供较高质量的流转平台），例如土地银行或者土地流转中心	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	
<b>H5</b>		并不能获得土地流转需求信息，例如通过网站或者集体组织	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	
<b>H6</b>		流转中合同中我的权利得不到保障	1=非常不同意， 2=比较不同意， 3=同意， 4=比较同意， 5=非常同意	



<b>H7</b>		不想承担损坏承包到户的土地质量的风险	1=非常不同意, 2=比较不同意, 3=同意, 4=比较同意, 5=非常同意	
<b>H8</b>		担心转出土地失去农业生产补贴	1=非常不同意, 2=比较不同意, 3=同意, 4=比较同意, 5=非常同意	
<b>H9</b>		其他 请说明:_____	1=非常不同意, 2=比较不同意, 3=同意, 4=比较同意, 5=非常同意	

下面仅采访者回答:

1. 您认为受访者有认真参与调查, 并真实回答问题吗? \_\_\_\_\_  
a.非常不同意 b.不同意 c.同意 d.比较同意 e.非常同意
  
2. 您认为以上问卷结果能用于正式研究报告吗? \_\_\_\_\_  
a.非常不同意 b.不同意 c.同意 d.比较同意 e.非常同意

**Appendix III. Second-round Survey and Choice Experiment: Rent-in/out**

Code \_\_\_\_\_

Village \_\_\_\_\_

Date \_\_\_\_\_

Interviewer \_\_\_\_\_

Cornell University, Sichuan Agricultural University, Northwest Agricultural and Forestry University, Shandong University of Finance and Economics, Central University of Finance and Economics

Second-time field experiment and Survey of Villagers to Assess Crop Insurance, Credit and Land Transfer

*NARRATIVE TO BE READ TO RESPONDENTS: First of all I would like to thank you for taking the time to meet with us. This survey should take approximately 10 minutes and again I thank you for your time. The survey we are conducting is a joint product between The Central University of Finance and Economics, Sichuan Agricultural University, Northwest Agriculture and Forestry University and Cornell University in the United States. We are interested in collecting information in relation to Land Use Rights, Land Transfer Centers. Your responses will be completely confidential and under no circumstances will your responses be identifiable. In addition we understand that you may not have all of the precise information available. In these cases all we ask is that you provide us with your best estimates or best judgments. Finally, you have the right to refuse to answer any question we might ask.*

Given these objectives are you willing to participate in this survey? Yes No

If NO then “Ok, that is fine. For our records can you tell us why you do not want to participate?”

*NOTE to interviewer: If answer above is because respondent does not feel they have the information we need then ask why and explain again that we only require a best effort on their part, and that we expect that not all respondents will have precise information. And then ask if they will reconsider.*

*NOTE to interviewer: If answer above is related to privacy issues, then remind respondent that their participation will be most helpful to our research and that they*

will remain anonymous and that their privacy is guaranteed. And then ask if they will reconsider.

IF YES....” *Thank you very much for your consent. Let us begin. We would like to start off by asking some general questions about your farm household”.....* Go to question 1. DO NOT RECORD NAME OF RESPONDENT

In future years, are you more likely to rent-in more land or rent your land out?  
 If rent-in land, then do the card for rent-in  
 If rent out, then do the card for rent out,  
 If neither, please distribute either based on the minimum number of experiment we need, and specify the circumstance.

**Transfer in** \_\_\_\_\_ **Transfer out** \_\_\_\_\_  
**Neither transfer out nor in** \_\_\_\_\_

**A: Choice Experiment (Block A)**

Assume that you are going to rent-in a land. If you could only choose from the following three choices. Which one would you choose?  
 (Please check only one of the boxes at the bottom of this page).

Please assume that the three lands are identical except for price, and any information given on the labels. For example, please assume that the land has enough labor and access to village.

Here are 9 independent cards for the choice situation, we should do each one separately.

Choice Situation	Land A	Land B	Land C
1			
2			
3			
4			
5			
6			
7			
8			
9			



















**B. Survey part**












number		unit	response
A1	gender	0=female, 1=male	
A2	age	age	
A3	Including yourself how many people live in this house	number of people	
A4	Are you the primary decision maker in agricultural affairs	0=no, 1=yes	
A5	What is your education level	0=Never Went to School, 1=At least elementary school, 2=At least middle school, 3=At least high school, 4=Some University or college, 5=Completed College or University	
A6	How many years have you been farming	year	
A7	What is the total size of your household farm (Mou, allocated Land Use rights, excluding land rented in)		
A8	How much land do you rent-in for agricultural use (total mu rented is positive) or rent out (which is negative)	mu	
A9	Please list the top three crops you have grown in the past 12 months from the most valuable to the least valuable	1 2 3	
A10	Farm income	yuan	
A11	Off-farm income	yuan	

A12	Total income	yuan	
A13	Productive expenditure	yuan	
A14	Household Consumption expenditures (food, clothes, health, education, etc)	yuan	
A15	Other expenditures (e.g. car, house, vacation travel)	yuan	
A16	Gross Incomes minus Expenditures	yuan	
A17	To what extent you know about land transfer center and land bank.	<p>a. I have never heard of a Land Transfer Center (or Land Bank)</p> <p>b. I am aware of Land Transfer Centers but am not sure of its purpose</p> <p>c. I am very familiar with Land Transfer Centers or I had been to at least once</p> <p>d. I have had personal contact with a Land Transfer Center or work with land transfer center</p>	
A18	State how much of maximum price you think you are willing to pay for land transfer in(negative) Or the minimum price you think you are willing to accept for land transfer out (positive)	yuan	
A19	Do you have certificate for land transfer right	0=no 1=yes	
A18	Please rank these attributes from the most important to the least important on you	Rent/year	
		Guarantee payment	
		Term of years	

	Fragmented	
	size	
	Distance to village	
	Institution	
	Land quality	
	Profitability	

Card:

<b>rent</b>	600 	600 	600 
<b>guarantee payment</b>	0 	0 	1 
<b>fragmentation</b>	1 	1 	1 
<b>lot size</b>	25 	50 	200 
<b>term of contract year</b>	3 	1 	7 
<b>institution</b>	1 	1 	1 

<b>irrigation</b>	1 	0	1 
<b>distance to village</b>	1 	1 	1 
<b>land quality</b>	3 	2 	3 
<b>profitability</b>	2 	1 	2 
<b>Choice</b>			

**Appendix IV. Second-round Survey and Choice Experiment: Rent-in/out  
(Chinese)**

浙江大学, 南京农业大学, 四川农业大学, 西北农林科技大学, 山东财经大学,  
中央财经大学, 康奈尔大学

**农村土地流转调研农户问卷(第二次“流入土地”选择)**

**采访者需告知受访者:** 首先, 感谢您花费宝贵的时间接受我们的问卷采访。此次问卷采访需要花费您20分钟左右的时间。此次问卷调查是由浙江大学, 南京农业大学, 中央财经大学, 四川农业大学, 山东财经大学, 西北农林科技大学, 美国康奈尔大学针对土地流转、作物保险、农村信贷合作科研项目发起的实地调研。

**我们承诺:** 调查只涉及科学研究, 不涉及商业活动, 并对获取信息保密。除此之外, 我们了解到您可能会对部分问题没有确切答案, 在这种情况下, 我们希望您能做出合理猜测或预估。最后, 我们尊重您不参与调查的权利。

感谢您的合作。祝您工作顺利, 万事如意!

针对上述内容, 您是否愿意参与此次调查

是\_\_\_\_\_ 否\_\_\_\_\_

若您不愿意参与此次调查, 我们恳请您告知拒绝参与调查的原因:

**采访者须知:** 如果受访者不愿参与调查, 是担心不能给出您们需要的信息, 那么应再次确认并重新解释“您们只需您做出最合理回答, 并不要求您提供最精确信息”。随后请再次确认受访者意愿。

**采访者须知:** 如果受访者不愿参与调查, 是担心本次问卷涉及到个人隐私, 请再次向其强调“本次调研完全匿名, 并对获取信息保密, 且您的参与对您们的调查极为重要”。随后请再次确认受访者意愿。

若受访者同意参与调查: 非常感谢您的参与。下面我们将从询问您选择题开始。



首先,请询问受访者实际状况下更倾向于转入土地还是转出土地, 或者既不转出也不转入土地, 填写下列表格

	实际转入土地	实际转出土地	实际既不转出也不转入
假设转入			
假设转出			

### 第一部分：选择题

假设您现在想要租入土地,租借市场上有以下两块土地, 您更倾向于租入下面哪块土地(请在选项下方一栏中标出您的选择).以下一共有六组选择, 每组选择的两个选项除了条件中提到的属性不一致外, 其余条件都相同, 例如假设两块土地都处于同个地区, 有很好的光照资源等。

采访者需向受访者解释各指标含义:

**租金** 是指您每年向流出方支付租地的金额(元/亩/年);

**履约保证金** 是指您(是否)需要向流出方缴纳一定金额以确保流转土地用途不变和土地利益不受损害;

**土地分散化** 是指所选择流入的土地是集中一整块还是分散在不同地域;

**面积大小** 是指您选择租入土地的面积大小;(亩)

**流转途径** 分为不通过土地流转中心和经过土地流转中心等正规平台;

**灌溉设施** 是指您选择租入的土地(是否)具备灌溉的便利;

**距村庄距离** 是指所想要转入的土地离村庄(您的居住地)的距离远近;(分为远, 近)

**土壤肥力** 指土地自然属性, 比如土壤质量。(分为低, 一般, 以及高)

**土地收益** 是指土地经济属性，包括土地用途的多样性和土地用途变更的困难性（例如高收益土地既可种植经济作物也可以种植粮食作物，且易变更，盈利能力强）。（分为低，一般，以及高）

（注：在解释土地收益这一指标时，可强调说明，尽可能区别于土壤肥力和租金；是农户基于土地往年平均收益对土地收益能力的预估）

**您的选择肯定程度：**指农户在做出选择后，对于该选择的肯定程度，肯定程度由1-5依次上升。

请拿出手中卡片\_\_\_\_\_ (A B C),将选择填入下方表格。（选择为1，其余为0）  
每套卡片,请在问卷结束处表格中简述每次选择理由。

选择	土地1	土地2	土地3	选择程度
1				
2				
3				
4				
5				
6				
7				
8				
9				

## 第二部分：问卷部分

**采访者：**本部分以表格的形式展现。请采访者就表格中的内容向受访者提问

序号		单位	回答
A1	性别	0=女，1=男	
A2	年龄	岁	
A3	总人数（户籍人数）	人数	
A4	您是否为家中农业事务上的第一决策者	0=否，1=是	
A5	您耕种年数是	年	
A6	您的受教育程度	1=未上学，2=小学，3=初中，4=高中，5=职业学校或大学，6=已完成本科	
A7	您承包地总面积（不包括土地流转）	亩	

A8	您通过流转用于农业生产土地总面积	亩 转入=正数；转出=负数	
A9	请您列举去年内所耕种的3种作物，按价值从高到低	1 2 3	
A10	农业总收入	元	
A11	非农业收入	元	
A12	总收入	元	
A13	生产支出 <sup>11</sup>	元	
A14	每周平均生活消费开支 <sup>12</sup>	元	
A15	每周平均其他支出 <sup>13</sup>	元	
A16	收入盈余 <sup>14</sup> （计算）	元	
A17	您对土地流转中心或土地银行等流转平台的了解程度	a. 我从未听说过土地流转中心或土地银行 b. 我知道土地流转中心，不了解其业务功能 c. 我很了解土地流转中心或土地银行等流转平台，但未办理过业务 d. 我和土地流转中心等流转平台已有联系或合作	
A18	您是否参与农地承包确权登记颁证	a. 是（您拥有土地承包经营权证书） b. 否	
A19(1)	愿意支付租金的最高价格	元/亩/年	
A19(2)	愿意接受租金的最低价格	元/亩/年	
A20	若您参与土地流转，是通过何种方式	a. 土地转包； b. 土地互换； c. 土地出租； d. 土地入股； e. 土地转让；	
A21	您是否完成了土地确权	是=1， 否=0	

<sup>11</sup> 生产支出主要包括农、林、牧、副、渔各业产品所耗费的种籽、饲料、燃料、生产工人工资、农机具折旧以及因管理生产和为生产服务而发生的各种费用

<sup>12</sup> 生活消费开支主要包括衣食住行、子女教育、医疗支出日常生活所涉及的支出等

<sup>13</sup> 其他支出主要包括非生产支出及非生活消费支出，例如：红白喜事、娱乐消费等。

<sup>14</sup> 收入盈余=总收入-总支出

A22 (1)	请您根据在做出土地流入选择中，对各影响因素的重要性进行排序（1为最重要，7为最不重要）	租金	
		履约保证金	
		土地分散化	
		面积大小	
		流转途径	
		灌溉设施	
		距村庄距离	
		土壤肥力	
		土地收益	
A22 (2)	请您根据在做出土地流出选择中，对各影响因素的重要性进行排序（1为最重要，7为最不重要）	租金	
		履约保证金	
		土地分散化	
		农地收益权可抵押贷款	
		流转途径	
		灌溉设施	
		距村庄距离	
		土壤肥力	
		土地收益	

不参与流转（如您不参加土地流转，请根据您实际情况回答下两题）

序号	问题	单位/编码	回答
	未参与流转		

1	未参与转入的原因	<ul style="list-style-type: none"> <li>a. 没有意愿去种植更多土地</li> <li>b. 和其他合作社成员相比，我的种植水平不高，经验不足</li> <li>c. 没有足够的劳动力去种植更多土地（劳动力外出或年迈）</li> <li>d. 在现有的土地租金价格下，我不能获得很高的利润收入</li> <li>e. 没有找到合适的土地，例如有灌溉条件或者有很好的土壤肥力</li> <li>f. 没有找到合适的流转平台（或者我地区并没有提供较高质量的流转平台），例如土地银行或者土地流转中心</li> <li>g. 流转中合同中我的权利得不到保障</li> <li>h. 其他_____</li> </ul>	
2	未参与转出的原因	<ul style="list-style-type: none"> <li>a. 满意我现有的农业生产规模结构，并不想改变</li> <li>b. 害怕失去土地后，得不到生活保障</li> <li>c. 在现有的土地租金价格下，我不能获得很高的利润收入</li> <li>d. 没有找到合适的流转平台（或者我地区并没有提供较高质量的流转平台），例如土地银行或者土地流转中心</li> <li>e. 并不能获得土地流转需求信息，例如通过网站或者集体组织</li> <li>f. 流转中合同中我的权利得不到保障</li> <li>g. 不想承担损坏承包到户的土地质量的风险</li> <li>h. 担心转出土地失去农业生产补贴</li> <li>i. 其他，请说明_____</li> </ul>	

**下面仅采访者回答：**

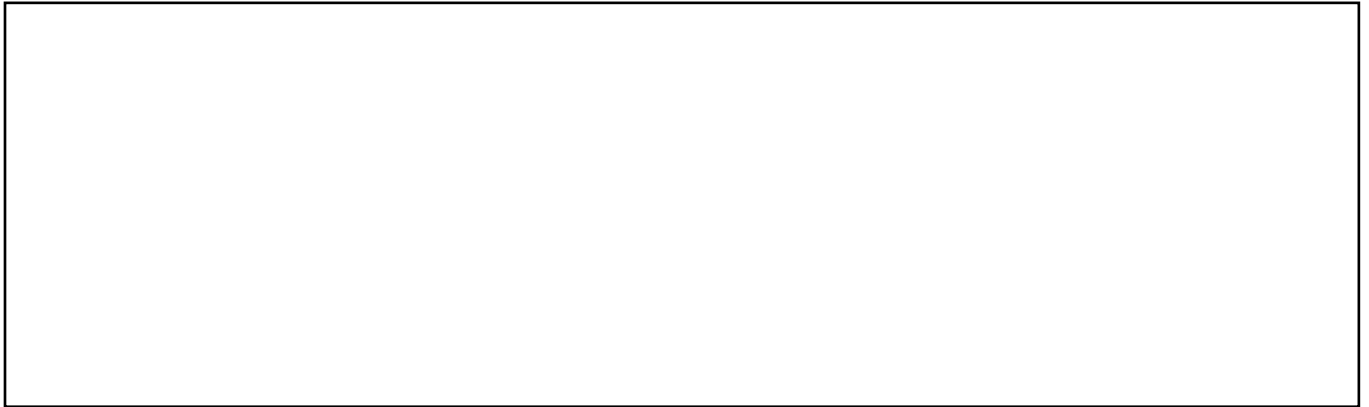
3. 您认为受访者有认真参与调查，并真实回答问题吗？\_\_\_\_\_

- a.非常不同意 b.不同意 c.同意 d.比较同意 e.非常同意

4. 您认为以上问卷结果能用于正式研究报告吗？\_\_\_\_\_

- a.非常不同意 b.不同意 c.同意 d.比较同意 e.非常同意

请写下任何有关此调查的评论

A large, empty rectangular box with a thin black border, intended for the respondent to write their comments on the survey.

**Appendix V. Conditional Logit model result**

*Table 1 Conditional Logit model: first round rent-in*

Decision	Shandong			Sichuan			Shanxi			Total		
	Coefficient	Std. Err	P	Coefficient	Std. Err	P	Coefficient	Std. Err	P	Coefficient	Std. Err	P
<b>Rent</b>	-0.001	0.001	0.206	-0.0017**	0.001	0.009	-0.001	0.001	0.379	-0.001**	0.0004	0.004
<b>Guarantee</b>	0.0085671	0.20735	0.967	0.0685	0.1828	0.708	-0.2676	0.1897	0.158	-0.0597	0.1076	0.579
<b>payment</b>	<b>-1.34822***</b>	0.27994	0	-1.3914***	0.27116	0	-0.6374*	0.2492	0.011	-1.0942***	0.1494	0
<b>fragmentation</b>	<b>0.0051909***</b>	0.0017399	0.003	0.0032	0.0017	0.06	0.0039*	0.0018	0.027	0.0039***	0.001	0
<b>lot size</b>	<b>0.1656**</b>	0.06468	0.01	0.05416	0.05237	0.301	-0.0013	0.0561	0.981	0.0648*	0.0313	0.039
<b>term of contract</b>	0.0342654	0.2110979	0.871	-0.0631	0.1811	0.728	0.3175	0.1992	0.111	0.053	0.1091	0.627
<b>year</b>	<b>1.350317***</b>	0.2302	0	0.7657***	0.1953	0	0.8168***	0.2043	0	0.9052***	0.1161	0
<b>Institution</b>	0.1261504	0.19943	0.527	0.6851***	0.1946	0	0.1627	0.1883	0.388	0.3449**	0.109	0.002
<b>Distance to village</b>												
<b>Land quality</b>												
middle	-0.2809359	0.354	0.427	0.7598**	0.3282	0.021	0.6057	0.3184	0.057	0.3808*	0.1866	0.041
High	-0.0523195	0.27421	0.849	0.7245	0.7245	0.003	0.9703***	0.2592	0	0.5362***	0.1427	0
<b>Land profitability</b>												
middle	<b>0.64741*</b>	0.33079	0.05	0.5679	0.3513	0.106	0.8003*	0.3286	0.015	0.6175**	0.1891	0.001
high	<b>0.95404</b>	0.29615	0.001	1.0903***	1.0903	0	1.3496***	0.3035	0	1.0025***	1.0825	0
<b>ll(Null)</b>	-166.9721			-228.7386			-203.7853			-655.4104		
<b>AIC</b>	357.9442			399.6018			370.0101			1125.156		
<b>BIC</b>	411.5938			453.5086			422.5308			1191.713		

Table 2 Conditional Logit model: first round rent-out

Decision	Shandong			Sichuan			Shanxi			Total		
	Coefficient	Std. Err	P	Coefficient	Std. Err	P	Coefficient	Std. Err	P	Coefficient	Std. Err	P
Rent	0.0002	0.0007	0.748	0.001	0.0008	0.428	0.0024	0.001	0.021	0.0001	0.0004	0.121
Guarantee payment	-0.0935	0.1973	0.635	0.362	0.2107	0.086	0.2859*	0.2878	0.321	0.122	0.1183	0.302
Fragmentation	<b>-0.211</b>	0.1982	0.287	-0.117	0.2179	0.592	-0.597*	0.2953	0.043	-0.2272	0.1209	0.06
Term of contract year	<b>0.0792</b>	0.044	0.072	0.121*	0.0493	0.014	0.1037	0.065	0.111	0.0839**	0.0269	0.002
Collateral	<b>0.0792*</b>	0.1685	0.035	-0.01	0.1865	0.959	-0.0803	0.0803	0.752	-0.1562	0.1031	0.13
Institution	0.4894**	0.1882	0.009	0.821**	0.2011	0	1.1425**	0.2712	0	0.6299**	0.1128	0
Irrigation	<b>0.0319</b>	0.1726	0.853	0.028	0.1967	0.885	0.4011	0.2628	0.127	0.0981	0.1074	0.361
Distance to village	-0.2167	0.1646	0.188	-0.231	0.1805	0.201	-0.3159	0.2472	0.201	-0.2137*	0.1008	0.034
<b>Land quality</b>												
middle	-0.1233	0.2428	0.612	-0.065	0.2576	0.803	-0.349	0.3523	0.322	-0.125	0.1458	0.391
high	-0.2975	0.2231	0.182	0.094	0.2455	0.702	-0.5986	0.3314	0.071	-0.1823	0.1363	0.181
<b>Profitability</b>												
middle	<b>0.1542</b>	0.2302	0.503	0.244	0.2461	0.322	0.3883	0.3402	0.254	0.1859	0.1389	0.181
high	<b>0.4909</b>	0.2446	0.045	0.029	0.2518	0.907	-0.1904	0.3546	0.591	0.1629	0.1443	0.259
<b>ll(Null)</b>	-245.3741			-228.7386			-331.7657			-682.0568		
<b>AIC</b>	494.004			433.8768			624.8997			1308.882		
<b>BIC</b>	548.7533			487.7836			677.6629			1375.899		



Table 3 Conditional Logit model: second round rent-out

Decision	Jiangsu			Henan			Total		
	Coefficient	Std. Err	P	Coefficient	Std. Err	P	Coefficient	Std. Err	P
<b>Rent</b>	-0.002***	0.0003	0	-0.0026***	0.0004	0.000	-0.00247***	0.0002	0.000
<b>Guarantee payment</b>	0.1147	0.1565	0.464	0.0883	0.1796	0.623	0.0847	0.1162	0.466
<b>fragmentation</b>	-0.7637***	0.1526	0	-0.515**	0.1689	0.002	-0.644***	0.1113	0.000
<b>lotsize</b>	0.003*	0.0012	0.012	0.0009	0.0013	0.461	0.00205*	0.0009	0.018
<b>term of contract</b>									
<b>year</b>	-0.0754*	0.0313	0.016	-0.06	0.0361	0.097	-0.0687**	0.0234	0.003
<b>Institution</b>	0.1832	0.1472	0.213	0.614***	0.1599	0.000	0.388***	0.1060	0.000
<b>Irrigation</b>	0.7183***	0.1545	0	1.308***	0.1767	0.000	0.965***	0.1143	0.000
<b>Distance to village</b>	0.3509*	0.1385	0.011	-0.0862	0.1433	0.548	0.139	0.0978	0.156
<b>Land quality</b>									
middle	0.1093	0.1658	0.51	0.309	0.1769	0.081	0.200	0.1199	0.094
High	0.7062***	0.1613	0	0.767***	0.1828	0.000	0.722***	0.1198	0.000
<b>Land profitability</b>									
middle	-0.2308	0.1756	0.109	0.664***	0.1954	0.001	0.170	0.1271	0.181
high	0.6179***	0.1807	0.001	1.207***	0.2232	0.000	0.849***	0.1383	0.000
<b>ll(Null)</b>	-593.2506			-533.9256			-1127.176		
<b>AIC</b>	1071.789			904.251			1986.873		
<b>BIC</b>	1136.471			967.6689			2059.258		

Table 4 Conditional Logit model: second round rent-in

	<b>Shandong</b>			<b>Sichuan</b>			<b>Total</b>		
	<b>Coefficien t</b>	<b>Std. Err</b>	<b>P</b>	<b>Coefficient</b>	<b>Std. Err</b>	<b>P</b>	<b>Coefficien t</b>	<b>Std. Err</b>	<b>P</b>
<b>Rent</b>	0.0057**	0.0004	0	0.0016**	0.0004	0	0.0041**	0.003	0
<b>Guarantee payment</b>	0.547**	0.145	0	-0.0389	0.1377	0.778	0.4607**	0.1046	0
<b>Fragmentation</b>	-0.0656	0.1388	0.636	0.1702	0.1452	0.241	-0.1506	0.107	0.159
<b>Term of contract year</b>	0.1945**	0.0329	0	-0.0415	0.0314	0.186	0.0809**	0.0233	0.001
<b>collateral</b>	-0.1885	0.1433	0.188	0.2026	0.1412	0.151	0.0466	0.0998	0.64
<b>Institution</b>	0.9577**	0.1338	0	0.3136*	0.1385	0.024	0.601**	0.1019	0
<b>Irrigation</b>	-0.2287	0.1356	0.092	-0.1725	0.1363	0.206	-0.0158	0.0971	0.871
<b>Distance to village</b>	0.4738**	0.1359	0	0.3715*	0.1479	0.012	0.3089**	0.1066	0.004
<b>Land quality</b>									
middle	0.6164**	0.1903	0.001	-0.0779	0.1866	0.676	-0.0124	0.1498	0.934
high	0.5734**	0.1723	0.001	0.3607*	0.1612	0.025	0.4727**	0.1316	0
<b>Profitability</b>									
middle	0.4817**	0.1664	0.004	0.2792	0.1593	0.08	0.4008**	0.1228	0.001
High	0.2096	0.1961	0.285	0.3369*	0.1636	0.039	0.4969**	0.1332	0
<b>ll(Null)</b>	-922.2037			-533.9256			-1127.18		
<b>AIC</b>	1420.91			1033.774			1893.233		
<b>BIC</b>	1485.592			1097.191			1965.618		