

Experiment Instructions : Cognitive load & Economic choices

Instructions:

In this decision task, question 18-22. You need to remember the instructions to take a picture and do it at the end of the experiment. **You should take it carefully, as one step is equivalent to 2 yuan.**

Materials:



Instructions:

Farmers are instructed as follows: assume that participation in HVMs requires you to screen and adopt high-value-added crops and high-quality seedlings, then proceed to manage the crop according to market standards using the corresponding technology, and finally, the products will be packaged in grades and transported to the market for sale. **Your task is to choose the option that you prefer** (your attitude towards using new varieties, learning and adopting modern technology, and standardizing product sales). **There is no right or wrong answer. If you prefer the option on the left side of the screen, press the ‘1’ key. If you prefer the option on the right side of the screen, press the ‘0’ key.**

Materials:



Experiment Instructions : Time preference

How to Proceed:

Part 2 has 10 questions, each asking you to allocate a fixed amount (300 tokens) to two different dates (one **early** and the other **later**). The tokens allocated to the later date will earn extra “bonus”. For example, if the bonus is 5% and you allocated 100 tokens to the later date, you will earn 105 tokens on the later date. This process can be described as follows:

Below is an Example:

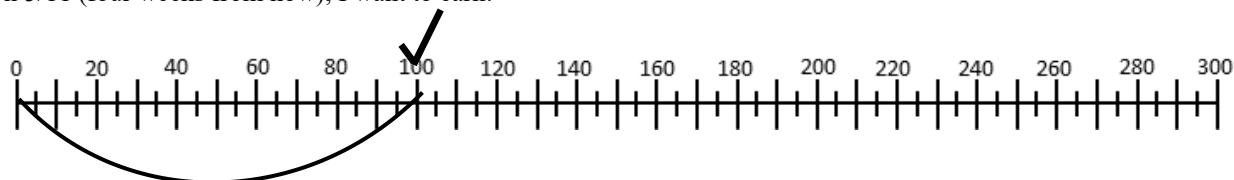
2021年10月							2021年11月							2021年12月							2022年1月						
日	一	二	三	四	五	六	日	一	二	三	四	五	六	日	一	二	三	四	五	六	日	一	二	三	四	五	六
	1	2	3	4	5	6					1	2	3	4	5	6	7						1	2	3	4	5
7	8	9	10	11	12	13	4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12
14	15	16	17	18	19	20	11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19
21	22	23	24	25	26	27	18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26
28	29	30	31				25	26	27	28	29	30	31	29	30						27	28	29	30	31		

Please allocate 300 tokens between 11/5 (four weeks from now) versus receiving it on 1/21 (fifteen weeks from now).

Please indicate your allocation below. Check the amount you want to allocate on the early date. Each segment is worth 5 tokens. The amount allocated to 1/21 can earn a bonus of 5%. NOTE: The bonus offers do vary in the next 10 questions.

If your desired allocation is “Earn 100 tokens on 5/11 (four weeks from now) versus earn 200 tokens plus a 10 tokens bonus on 1/21 (after another eleven weeks)” , please check 100 on the line as shown below.

On 5/11 (four weeks from now), I want to earn:



Receive 100 tokens on 11/5

Receive 200 tokens plus a 10 yuan bonus on 1/21

Other desired allocations are indicated in a similar fashion.

There are two pages, each with five questions and ten questions in total from questions 18-27:

Questions 18-22: Each question asks you to allocate between “today and four weeks from now”

Questions 23-27: Each question asks you to allocate between “six and ten weeks from now”

Experimental Earnings: At the end of the experiment, you will randomly select one of the 10 questions to be paid. The money will be transferred to your account (at an exchange rate of 0.04). Please note: each question **could** be randomly selected to determine your earnings of this experiment. **You should make every decision carefully, as any one question from this part can be the one selected to earn your payment.**

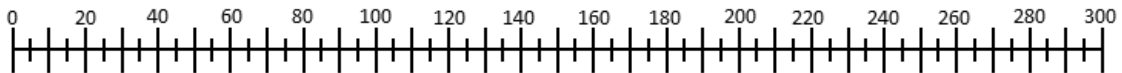
Allocation between “Today and Four Weeks from Now”

Instructions:

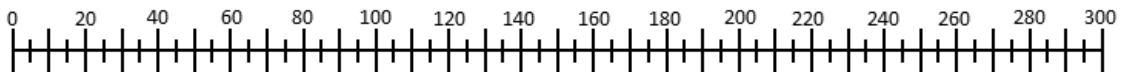
This part has five questions: question 18-22. All five questions ask you to allocate 300 tokens between receiving money “today” versus receiving money “four weeks from now”, so if one of these questions were selected, these allocated money will be transferred to your account (at an exchange rate of 0.04).

Questions:

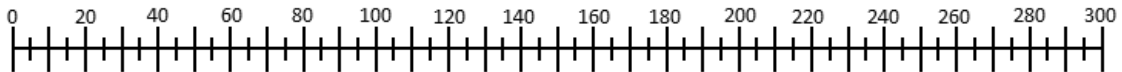
18. Please allocate 300 tokens between the following dates: 10/8 (today) vs 11/5 (four weeks from now)
Indicate your allocation on the line below. Amounts allocated to 11/5 will receive a bonus of 5%.
On 10/8 (today), I want to receive:



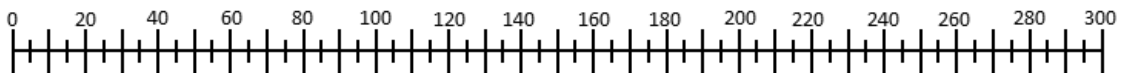
19. Please allocate 300 tokens between the following dates: 10/8 (today) vs 11/5 (four weeks from now)
Indicate your allocation on the line below. Amounts allocated to 11/5 will receive a bonus of 10%.
On 10/8 (today), I want to receive:



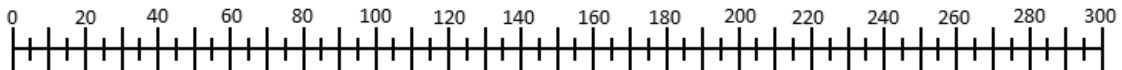
20. Please allocate 300 tokens between the following dates: 10/8 (today) vs 11/5 (four weeks from now)
Indicate your allocation on the line below. Amounts allocated to 11/5 will receive a bonus of 15%.
On 10/8 (today), I want to receive:



21. Please allocate 300 tokens between the following dates: 10/8 (today) vs 11/5 (four weeks from now)
Indicate your allocation on the line below. Amounts allocated to 11/5 will receive a bonus of 20%.
On 10/8 (today), I want to receive:



22. Please allocate 300 tokens between the following dates: 10/8 (today) vs 11/5 (four weeks from now)
Indicate your allocation on the line below. Amounts allocated to 11/5 will receive a bonus of 25%.
On 10/8 (today), I want to receive:



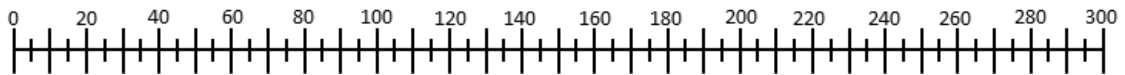
Allocation between “Six and Ten Weeks from Now”

Instructions:

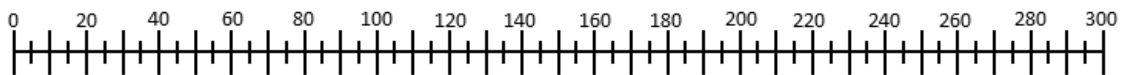
This part has five questions: question 23-27. All five questions ask you to allocate 300 tokens between “six weeks from now” versus “ten weeks from now”, so if one of these questions were selected, these allocated money will be transferred to your account (at an exchange rate of 0.04).

Questions:

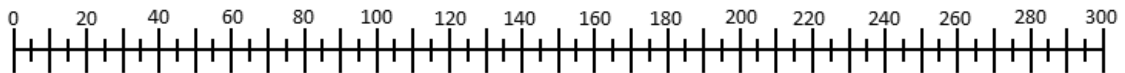
23. Please allocate 300 tokens between the following dates: 11/19 (six weeks from now) vs 12/16 (ten weeks from now). Indicate your allocation on the line below. Amounts allocated to 12/16 will receive a bonus of 5%. On 11/19 (six weeks from now), I want to receive:



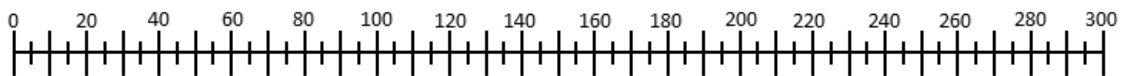
24. Please allocate 300 tokens between the following dates: 11/19 (six weeks from now) vs 12/16 (ten weeks from now). Indicate your allocation on the line below. Amounts allocated to 12/16 will receive a bonus of 10%. On 11/19 (six weeks from now), I want to receive:



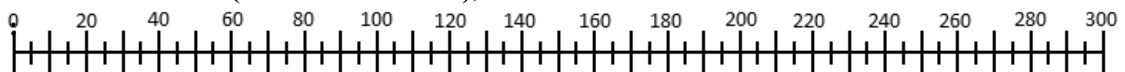
25. Please allocate 300 tokens between the following dates: 11/19 (six weeks from now) vs 12/16 (ten weeks from now). Indicate your allocation on the line below. Amounts allocated to 12/16 will receive a bonus of 15%. On 11/19 (six weeks from now), I want to receive:



26. Please allocate 300 tokens between the following dates: 11/19 (six weeks from now) vs 12/16 (ten weeks from now). Indicate your allocation on the line below. Amounts allocated to 12/16 will receive a bonus of 20%. On 11/19 (six weeks from now), I want to receive:



27. Please allocate 300 tokens between the following dates: 11/19 (six weeks from now) vs 12/16 (ten weeks from now). Indicate your allocation on the line below. Amounts allocated to 12/16 will receive a bonus of 25%. On 11/19 (six weeks from now), I want to receive:



Experimental Instructions: Questionnaire

Choose one answer unless specified otherwise. Write the answer in front of the question number.

(Demographic information, cognitive load, and self-control here)

1. Gender : ☐ Male ☐ Female
2. Age : _____
3. Education level: ☐ Below Primary school ☐ Junior high school ☐ High school ☐ Above Bachelor
4. Health: ☐ poor ☐ Not bad ☐ Good
5. Gender : ☐ Male ☐ Female
6. Age : _____
7. Education level: ☐ Below Primary school ☐ Junior high school ☐ High school ☐ Above Bachelor
8. Health: ☐ Very poor ☐ poor ☐ Not bad ☐ Good ☐ Very good
9. Village cadres : ☐ Yes ☐ No
10. Workout : ☐ Yes ☐ No
11. Loan : ☐ Yes ☐ No
12. Homesize: _____; People aged under 16: _____; People aged 16~60: _____; People aged over 61: _____
13. Land: _____
14. Distance to the nearest market: _____ Km
15. Does this experimental task consume much of your spirit? _____ (Write 0-10)
16. Does the overall process of this task make you feel rushed and urgent? _____ (Write 0-10)
17. How much effort did you put into this task? _____ (Write 0-10)
18. Do you feel panic, frustrated, irritable, stressed, or annoyed during or after completing the task? _____ (Write 0-10)
19. I am good at resisting temptation. ☐ Strongly disagree ☐ Disagree ☐ Neutral ☐ Agree ☐ Strongly agree
20. I have a hard time breaking bad habits. ☐ Strongly disagree ☐ Disagree ☐ Neutral ☐ Agree ☐ Strongly agree
21. I am lazy. ☐ Strongly disagree ☐ Disagree ☐ Neutral ☐ Agree ☐ Strongly agree
22. I do certain things that are bad for me, if they are fun. ☐ Strongly disagree ☐ Disagree ☐ Neutral ☐ Agree ☐ Strongly agree
23. People can count on me to keep on schedule. ☐ Strongly disagree ☐ Disagree ☐ Neutral ☐ Agree ☐ Strongly agree
24. Getting up in the morning is hard for me. ☐ Strongly disagree ☐ Disagree ☐ Neutral ☐ Agree ☐ Strongly agree
25. People would describe me as impulsive. ☐ Strongly disagree ☐ Disagree ☐ Neutral ☐ Agree ☐ Strongly agree
26. I spend too much money. ☐ Strongly disagree ☐ Disagree ☐ Neutral ☐ Agree ☐ Strongly agree
27. I get carried away by my feelings. ☐ Strongly disagree ☐ Disagree ☐ Neutral ☐ Agree ☐ Strongly agree

28. I do many things on the spur of the moment.	☐ Strongly disagree	☐ Disagree	☐ Neutral	☐ Agree	☐ Strongly agree
29. People would say that I have iron self- discipline.	☐ Strongly disagree	☐ Disagree	☐ Neutral	☐ Agree	☐ Strongly agree
30. Pleasure and fun sometimes keep me from getting work done.	☐ Strongly disagree	☐ Disagree	☐ Neutral	☐ Agree	☐ Strongly agree
31. I have trouble concentrating.	☐ Strongly disagree	☐ Disagree	☐ Neutral	☐ Agree	☐ Strongly agree
32. 30. I am able to work effectively toward long-term goals.	☐ Strongly disagree	☐ Disagree	☐ Neutral	☐ Agree	☐ Strongly agree
33. Sometimes I can' t stop myself from doing something, even if I know it is wrong.	☐ Strongly disagree	☐ Disagree	☐ Neutral	☐ Agree	☐ Strongly agree
34. I often act without thinking through all the alternatives.	☐ Strongly disagree	☐ Disagree	☐ Neutral	☐ Agree	☐ Strongly agree
35. I lose my temper too easily.	☐ Strongly disagree	☐ Disagree	☐ Neutral	☐ Agree	☐ Strongly agree
36. I often interrupt people.	☐ Strongly disagree	☐ Disagree	☐ Neutral	☐ Agree	☐ Strongly agree
37. I sometimes drink or use drugs to excess.	☐ Strongly disagree	☐ Disagree	☐ Neutral	☐ Agree	☐ Strongly agree