

## **Intro**

UCL Research Ethics Committee Approval ID Number: CPB/2014/006

### **Title of Study:**

Causal Judgements in Everyday Contexts

**Lara Kirfel, University College London, email: ucjulki@ucl.ac.uk**

**Prof Dr David Lagnado, University College London, email: d.lagnado@ucl.ac.uk**

We would like to invite you to participate in this research project being run by Lara Kirfel (ucjulki@ucl.ac.uk) under the supervision of Prof Dr David Lagnado (d.lagnado@ucl.ac.uk) from University College London. You should only participate if you want to; choosing not to take part will not disadvantage you in any way. Before you decide whether you want to take part, it is important for you to read the following information carefully. *Please contact us via email if there is anything that is not clear, if you would like more information or to ask any questions.*

### **Aim of this study**

This project investigates judgements in everyday contexts. The entire study will last approx. 7 minutes. You will watch two short video clips about an office situation. You will then be asked a couple of questions with regards to the content of the clips.

### **Captcha**

#### **Are you a bot?**

Liam says to Emma: "It's a beautiful day, isn't it?"

Who is Liam talking to? (case sensitive)

#### **Are you a bot?**

Mia says to Benjamin: "It's a beautiful day, isn't it?"

Who is Mia talking to? (case sensitive)

**Are you a bot?**

William says to Ava: "It's a beautiful day, isn't it?"

Who is William talking to? (case sensitive)

**Are you a bot?**

Amelia says to Noah: "It's a beautiful day, isn't it?"

Who is Amelia talking to? (case sensitive)

**Are you a bot?**

Evelyn says to James: "It's a beautiful day, isn't it?"

Who is Evelyn talking to? (case sensitive)

## Data Protection

### Data Protection Privacy Notice

The data controller for this project will be University College London (UCL). The UCL

Data Protection Office provides oversight of UCL activities involving the processing of personal data, and can be contacted at [data-protection@ucl.ac.uk](mailto:data-protection@ucl.ac.uk). UCL's Data Protection Officer can also be contacted at [data-protection@ucl.ac.uk](mailto:data-protection@ucl.ac.uk).

Your personal data will be processed for the purposes outlined in this notice.

The legal basis that would be used to process your *personal data* will be performance of a task in the public interest.

Whilst your data will be provided anonymously, at the point of data collection, your responses in the survey could, theoretically, be linked back to you via your Amazon Turk ID, or your IP address. The former is collected to enable your payment. The latter to ensure that there are no duplicate responses in the database. After we have used the data for this purpose, this information will be deleted from the datafile. The data will subsequently be stored anonymously, such that your individual responses will not be traceable back to you.

**It is up to you to decide whether or not to take part. If you decide to take part you will be asked to confirm on the next page that you have read this information and consent to taking part. If you decide to take part you are still free to withdraw at any time and without giving a reason by closing your browser window.**

### **Causal Judgements in everyday contexts**

This study has been approved by the Ethics Chair for the "UCL Psychology and Language Science" Research Department. Project ID No: CPB/2014/006 .

### **Participant's Statement**

- I have read the information on the previous page, and been given the opportunity to email the researchers with any questions.
- I understand that my personal information will be used for the purposes explained to me. I understand that according to data protection legislation, 'public task' will be the lawful basis for processing.
- I understand that all personal information will remain confidential and that my data gathered in this study will be stored anonymously and securely. It will not be possible to identify me in any publications.

- I understand that my anonymised research data may be shared with, and used by, others for future research (no one will be able to identify you when these data are shared).
- I understand that I am free to withdraw from the study without penalty if I so wish, simply by closing my browser.
- I consent to participate in this research study.

## Instruction

In this experiment, we will present you with **two video short stories**. Each story starts with a brief introduction to the scenario. Please read the introduction text carefully. After having read the introduction text, you will be asked a couple of comprehension questions.

You will then proceed to watch a short video following up on the scenario. The videos will start automatically, you do not need to do anything. Remove the cursor from the video for a good viewing experience. At the end of the video, the next button will appear and you can proceed to a page with questions about the scene you have just seen. Please watch each video carefully.

After having completed the first short story, you will proceed to the second.

Now click the arrow button to start.

## Intro\_Knowledge\_Microwave

**Eddie and Neil** work for the same company. Both share an office and they spend their work days together in this office. As a result, Eddie and Neil know each other well and always know what the other person is doing during the day.

The office has two microwaves. To save energy and reduce carbon emissions, the company has recently introduced the "Green Friday". On Green Friday, the entire building is switched into a power saving mode.

As a consequence of this power saving mode, there will be a power cut in the company if

more than one microwave is used on Friday.



### Check\_Knowledge\_Microwave\_Pre

Eddie and Neil work ...

- ... in the same office.
- ... in separate offices.

Eddie and Neil ...

- ... know each other well.
- ... do not know each other, and have never met or seen each other.

Eddie and Neil ...

- ... generally know what the other person is doing during the day.
- ... do not know what the other person is doing during the day.

The use of how many microwaves does it take to produce a power failure on Friday?

- one microwave
- two microwaves

### **Knowledge\_Microwave**

**Monday**



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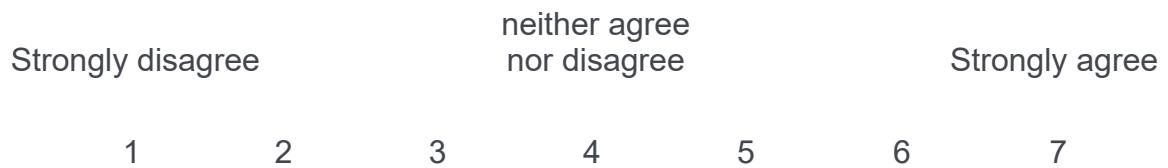
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### **Ratings\_Knowledge\_Micro1**

Please rate your agreement with the following statements and sentence completions.



(1) Eddie  expected Neil  to use the microwave on Friday.

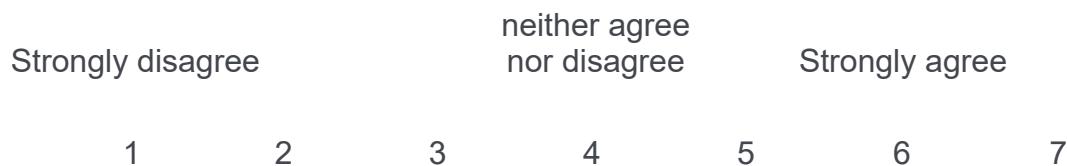


(2) Given your answer to (1), Eddie  \_\_\_\_\_ the power failure to happen.

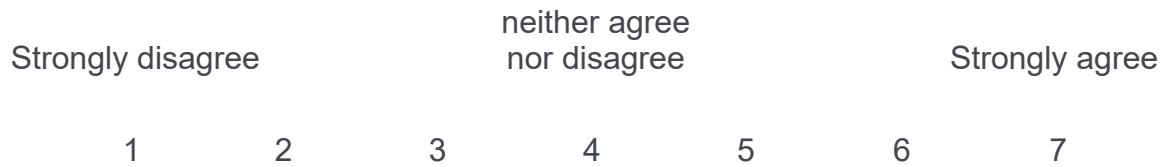




(3) Neil  expected Eddie  to use the microwave on Friday.



(4) Given your answer to (3), Neil  \_\_\_\_\_ the power failure to happen.



Strongly disagree

neither agree  
nor disagree

Strongly agree

## Ratings\_Knowledge\_Micro2

Please rate your agreement with the following statements and sentence completions.



(1) Neil 🧑‍🍳 expected Eddie 🧑‍🍳 to use the microwave on Friday.

Strongly disagree

neither agree  
nor disagree

Strongly agree

1

2

3

4

5

6

7

(2) Given your answer to (1), Neil 🧑‍🍳 \_\_\_\_\_ the power failure to happen.

Strongly disagree

neither agree  
nor disagree

Strongly agree

Strongly disagree	2		3	neither agree nor disagree	5		6	Strongly agree		
expected	1		2		3		4	5	6	7
did not mind										
liked										
desired										
intended										

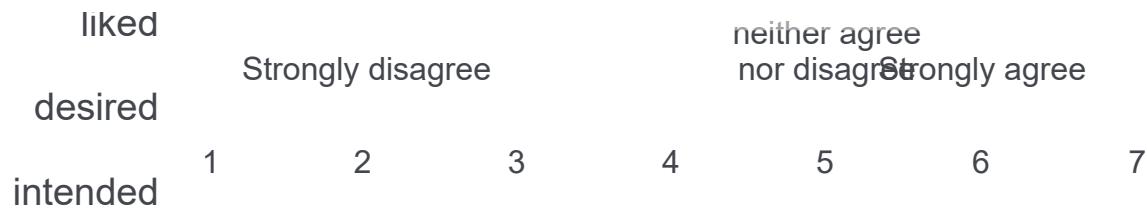
(3) Eddie  expected Neil  to use the microwave on Friday.

Strongly disagree		neither agree nor disagree		Strongly agree			
	1	2	3	4	5	6	7

(4) Given your answer to (3), Eddie  \_\_\_\_\_ the power failure to happen.

Strongly disagree		neither agree nor disagree		Strongly agree			
	1	2	3	4	5	6	7
expected							

did not mind



## Check\_Knowledge\_Microwave\_Post



Who used a microwave frequently (rather than infrequently) this week?

- Eddie 
- Neil 

## Interlude

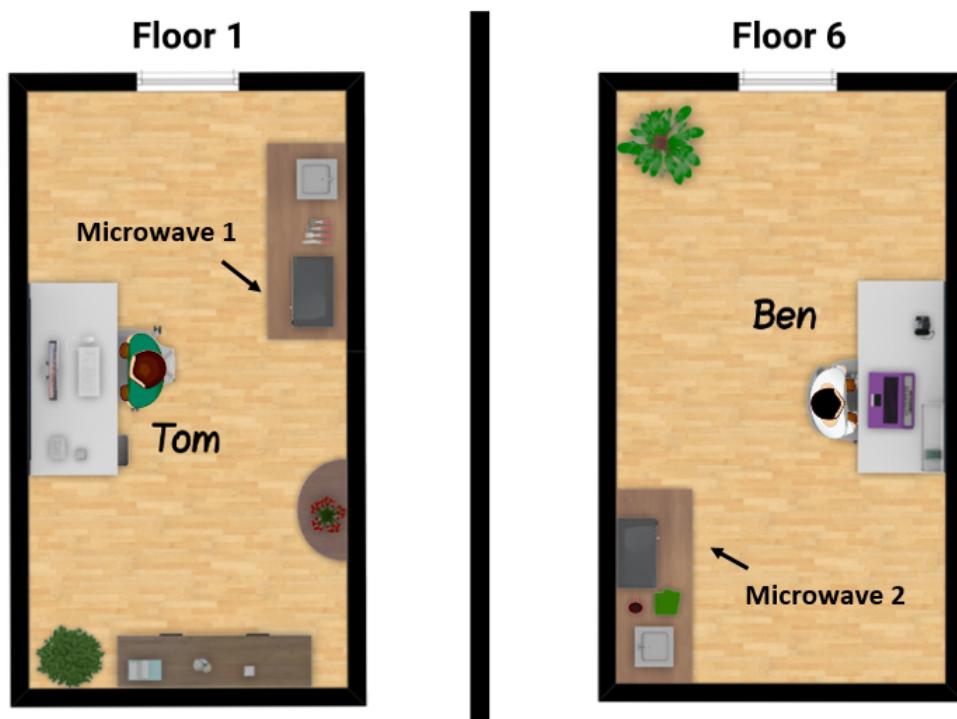
You will now see the second video.  
To proceed, click on the "Next" Button.

## Intro\_NoKnowledge\_MicroOne

**Tom and Ben** work for the same company. Despite working for the same company, Tom and Ben do not know each other and have never met or seen each other. Both of them have their own office, and their offices are located on different floors of the building. As a result, they generally **do not know** what the other person is doing during the day.

Both offices have one microwave. To save energy and reduce carbon emissions, the company has recently introduced the "Green Friday". On Green Friday, the entire building is switched into a power saving mode.

As a consequence of this power saving mode, there will be a power cut in the company if **more than one microwave** is used on **Fridays**.



## Check\_NoKnowledge\_Microwave\_Pre

Tom and Ben work ...

- ... in the same office.
- ... in separate offices.

Tom and Ben ...

- ... know each other well.
- ... do not know each other, and have never met or seen each other.

Tom and Ben ...

- ... generally know what the other person is doing during the day.
- ... do not know what the other person is doing during the day.

The use of how many microwaves does it take to produce a power failure on Friday?

- one microwave
- two microwaves

### NoKnowledge\_Microwave

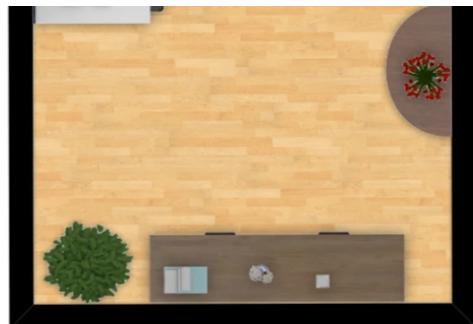
Monday

Floor 1



Floor 6





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### Ratings\_NoKnowledge\_Micro1

Please rate your agreement with the following statements and sentence completions.

**Floor 1**



**Floor 6**



(1) Tom 🍔 expected Ben 🍔 to use the microwave on Friday.

neither agree

Strongly disagree		neither agree nor disagree		Strongly agree
Strongly disagree		neither agree nor disagree		Strongly agree
1	2	3	4	5
1	2	3	4	5

(2) Given your answer to (1), Tom  \_\_\_\_\_ the power failure to happen.

Strongly disagree		neither agree nor disagree		Strongly agree
Strongly disagree		neither agree nor disagree		Strongly agree
1	2	3	4	5

expected

did not mind

liked

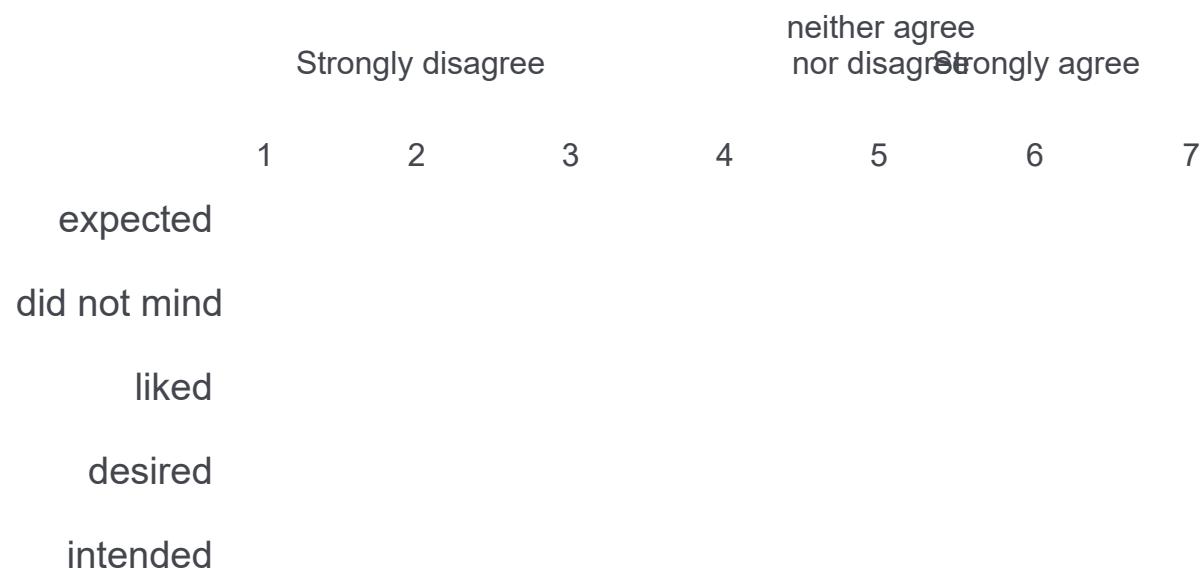
desired

intended

(3) Ben  expected Tom  to use the microwave on Friday.

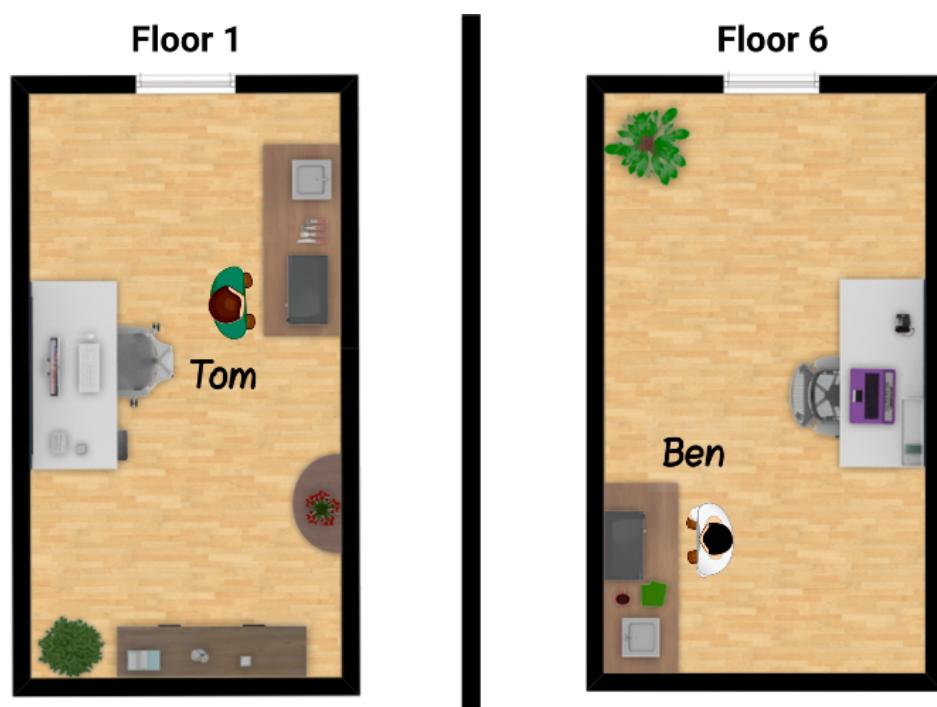
Strongly disagree		neither agree nor disagree		Strongly agree
Strongly disagree		neither agree nor disagree		Strongly agree
1	2	3	4	5

(4) Given your answer to (3), Ben 🍔 \_\_\_\_\_ the power failure to happen.

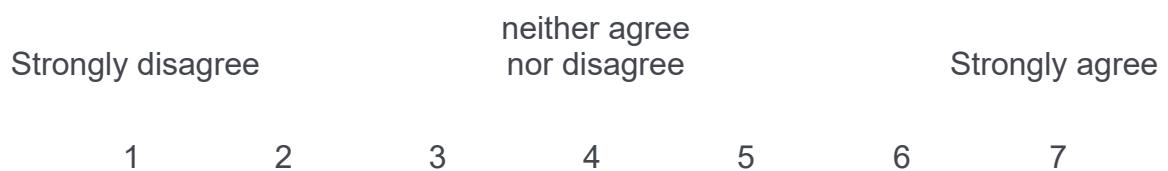


### Ratings\_NoKnowledge\_Micro2

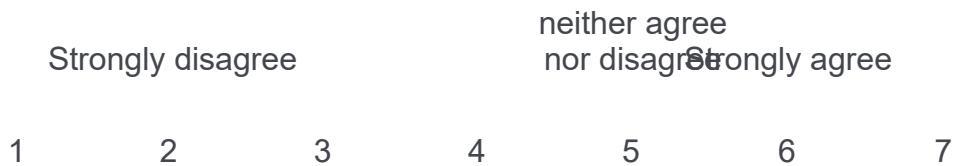
Please rate your agreement with the following statements and sentence completions.



(1) Ben 🍔 expected Tom 🍔 to use the microwave on Friday.



(2) Given your answer to (1), Ben  \_\_\_\_\_ the power failure to happen.



expected

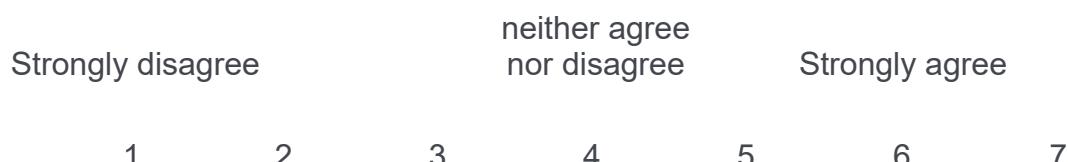
did not mind

liked

desired

intended

(3) Tom  expected Ben  to use the microwave on Friday.



neither agree

(4) Given your answer to (3), Tom  \_\_\_\_\_ the power failure to happen.

Strongly disagree

neither agree  
nor disagree

Strongly agree

1

2

3

4

5

6

7

expected

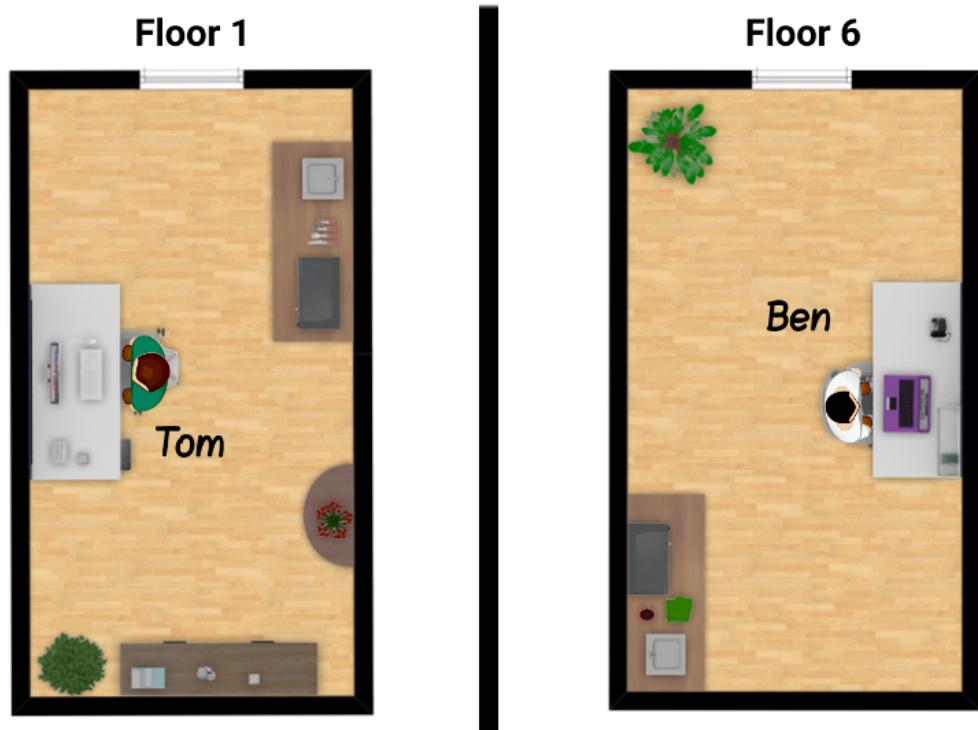
did not mind

liked

desired

intended

**Check\_NoKnowledge\_Microwave\_Post**



Who used a microwave frequently (rather than infrequently) this week?

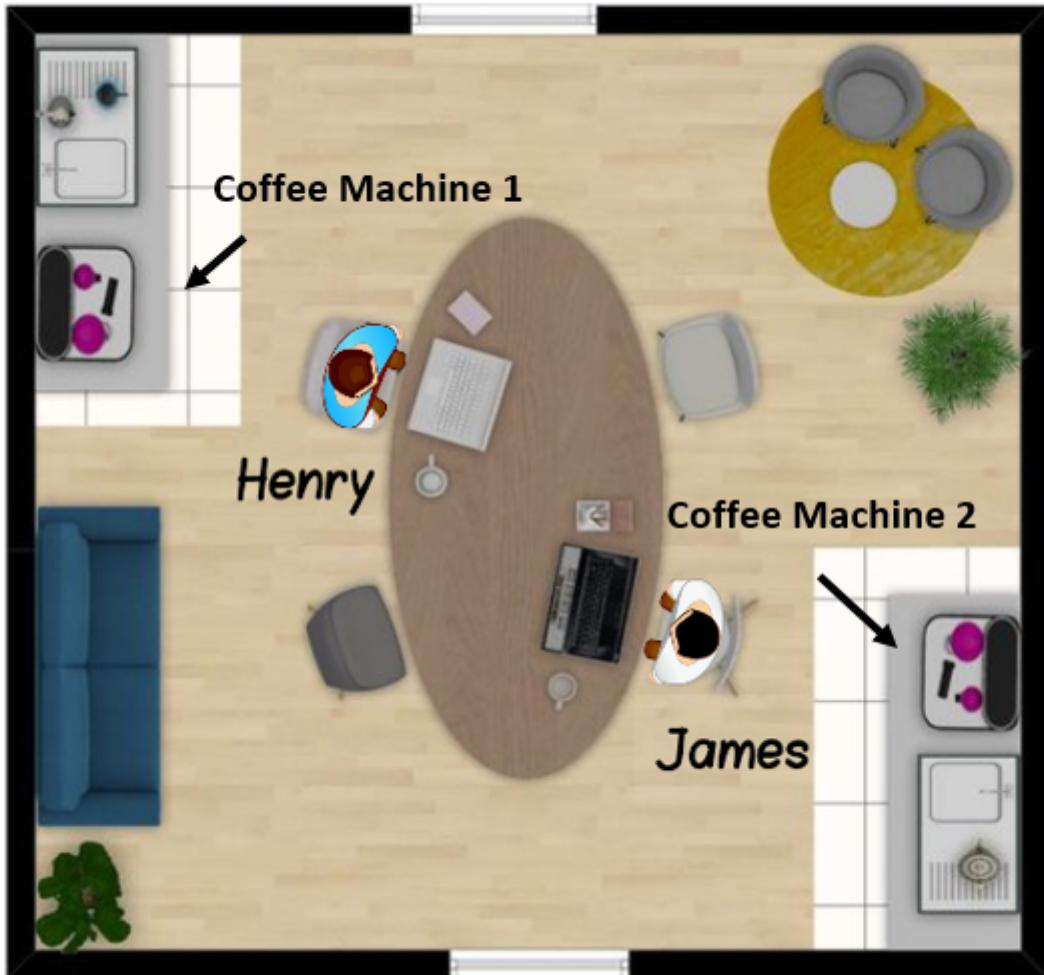
- Tom 
- Ben 

### Intro\_Knowledge\_Coffee

**Henry and James** work for the same start-up. Both of them share an office and they spend their work days together in this office. As a result, Henry and James know each other well and always know what the other person is doing during the day.

The office has two coffee machines. To save energy and reduce carbon emissions, the start-up has recently introduced the "Green Friday". On Green Friday, the entire building is switched into a power saving mode.

As a consequence of this power saving mode, there will be a power cut in the start-up if **more than one coffee machine** is used on **Friday**.



### Check\_Knowledge\_CoffeeOne\_Pre

Henry and James work ...

- ... in the same office.
- ... in separate offices.

Henry and James ...

- ... know each other well.
- ... do not know each other, and have never met or seen each other.

Henry and James ...

- ... generally know what the other person is doing during the day.
- ... have no idea about what the other person is doing during the day.

The use of how many coffee machines does it take to produce a power failure on Friday?

- one coffee machine
- two coffee machines

### **Knowledge\_Coffee**

Monday



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## Ratings\_Knowledge\_Coffee1

Please rate your agreement with the following statements and sentence completions.



(1) Henry 🍀 expected James 🍀 to make coffee on Friday.

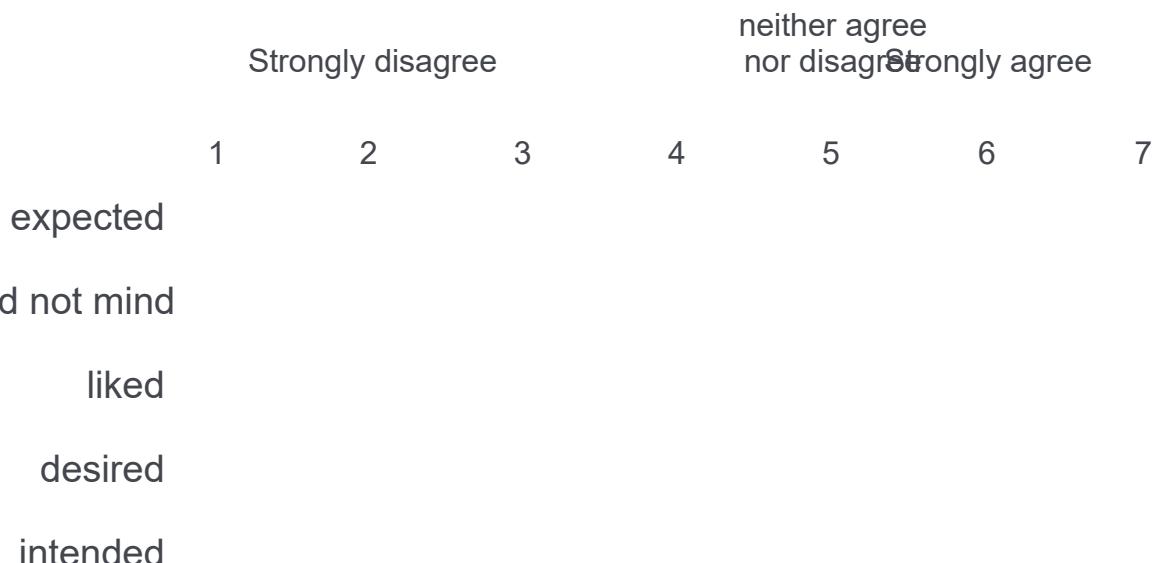
Strongly disagree

neither agree  
nor disagree

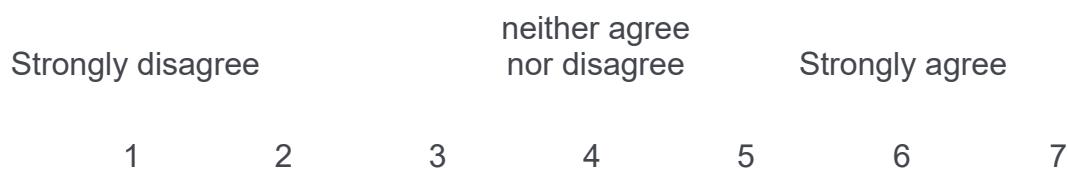
Strongly agree



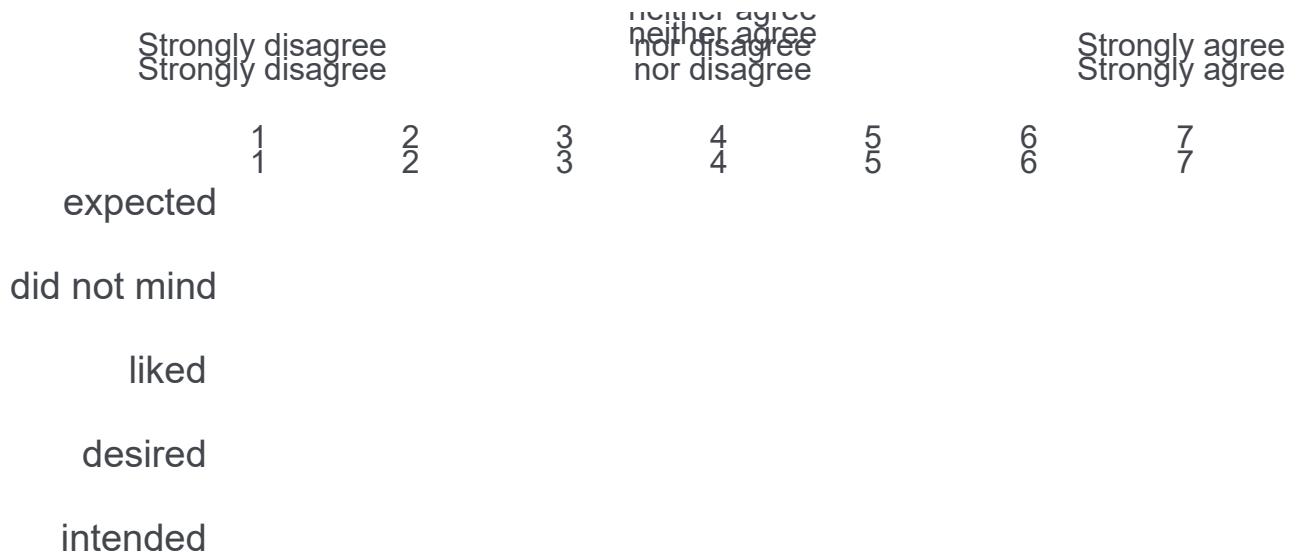
(2) Given your answer to (1), Henry 🧑‍🍳 \_\_\_\_\_ the power failure to happen.



(3) James 🧑‍🍳 expected Henry 🧑‍🍳 to make coffee on Friday.



(4) Given your answer to (3), James 🧑‍🍳 \_\_\_\_\_ the power failure to happen.

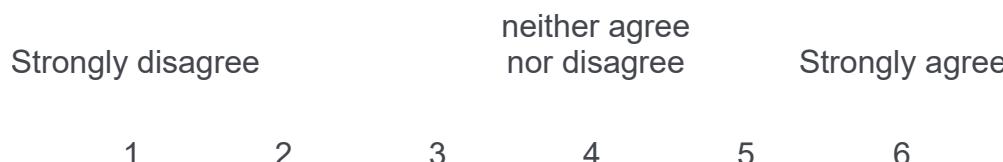


## Ratings\_Knowledge\_Coffee2

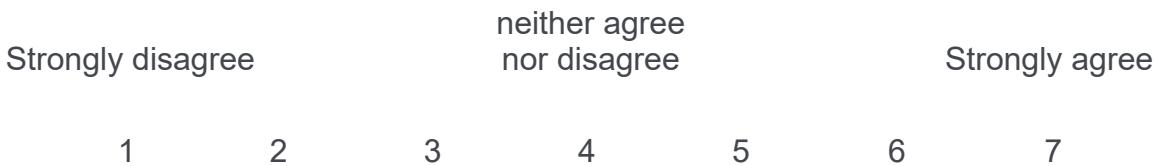
Please rate your agreement with the following statements and sentence completions.



(1) James 🍫 expected Henry 🍫 to make coffee on Friday.



(2) Given your answer to (1), James  \_\_\_\_\_ the power failure to happen.



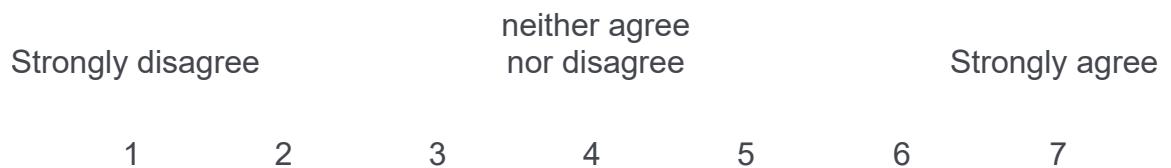
expected  
did not mind

liked

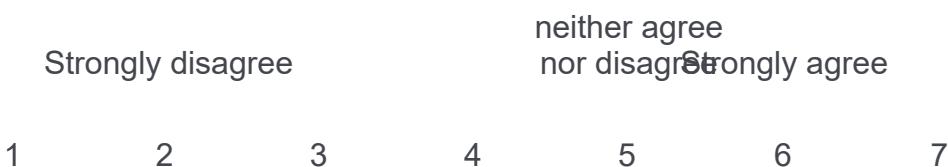
desired

intended

(3) Henry  expected James  to make coffee on Friday.



(4) Given your answer to (3), Henry  \_\_\_\_\_ the power failure to happen.





## Check\_Knowledge\_Coffee\_Post



Who used a coffee machine frequently (rather than infrequently) this week?

-  Henry
-  James

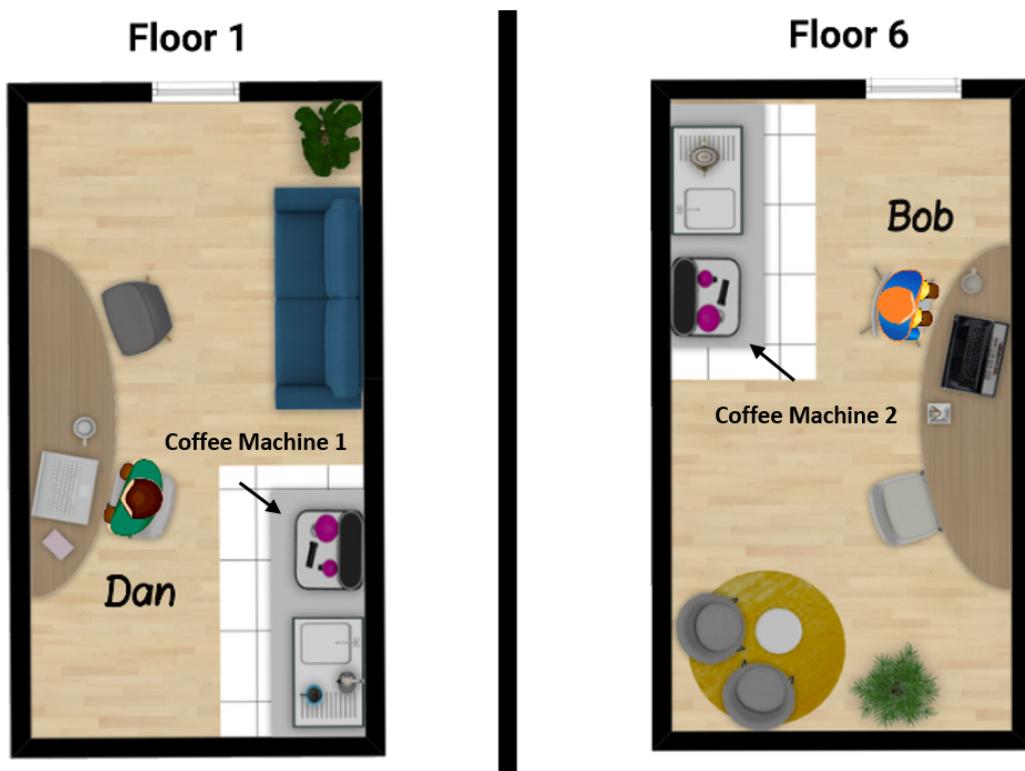
## Intro\_NoKnowledge\_Coffee

**Dan and Bob** work for the same company. Despite working for the same company, Dan and Bob do not know each other and have never met or seen each other. Both of them have their own

office, and their offices are located on different floors of the building. As a result, they generally **do not know** what the other person is doing during the day.

Both offices have one coffee machine. To save energy and reduce carbon emissions, the company has recently introduced the "Green Friday". On Green Friday, the entire building is switched into a power saving mode.

As a consequence of this power saving mode, there will be a power cut in the company if **more than one coffee machine** is used on **Fridays**.



### Check\_NoKnowledge\_CoffeeOne\_Pre

Dan and Bob work ...

- ... in the same office.
- ... in separate offices.

Dan and Bob ...

- ... know each other well.

- ... do not know each other, and have never met or seen each other.

Dan and Bob ...

- ... generally know what the other person is doing during the day.
- ... have no idea about what the other person is doing during the day.

The use of how many coffee machines does it take to produce a power failure on Friday?

- one coffee machine
- two coffee machines

### NoKnowledge\_Coffee

0:00



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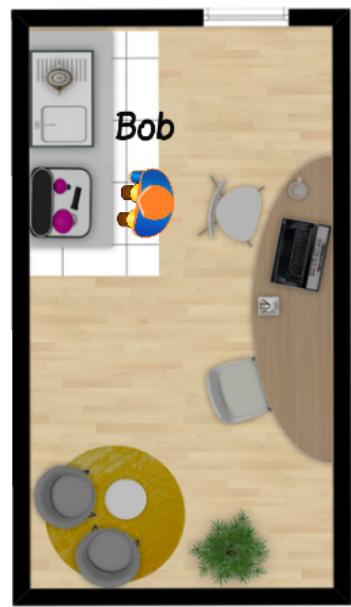
## Ratings\_NoKnowledge\_Coffee1

Please rate your agreement with the following statements and sentence completions.

**Floor 1**



**Floor 6**



(1) Dan 🍀 expected Bob 🍂 to make coffee on Friday.

Strongly disagree

neither agree  
nor disagree

Strongly agree

1

2

3

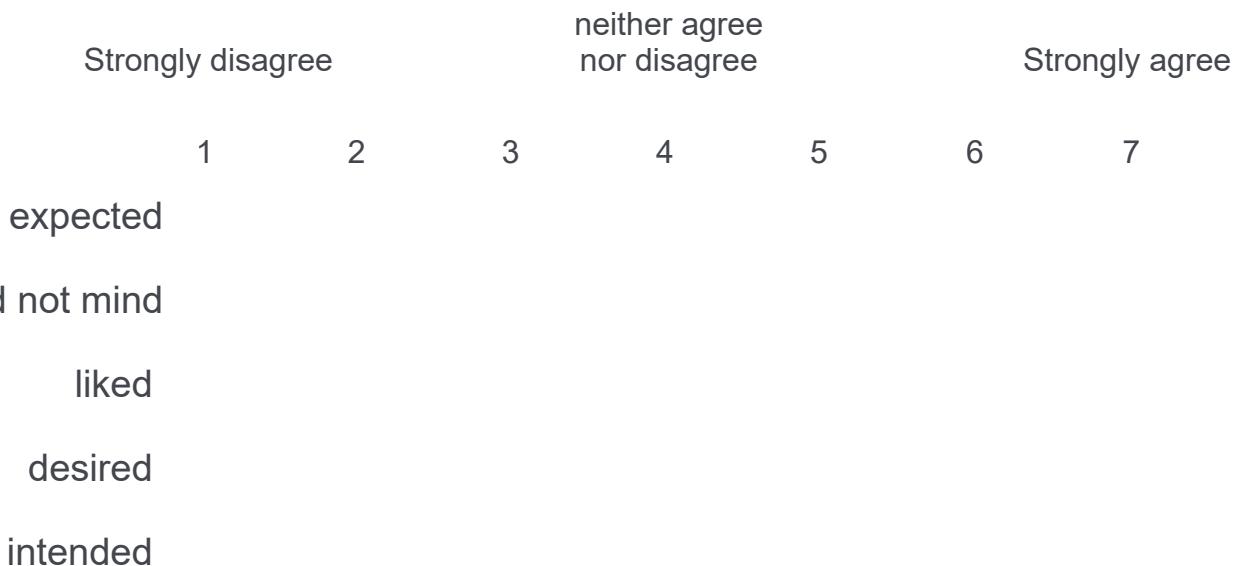
4

5

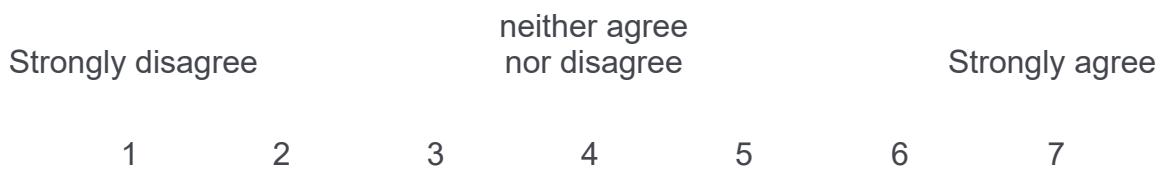
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7

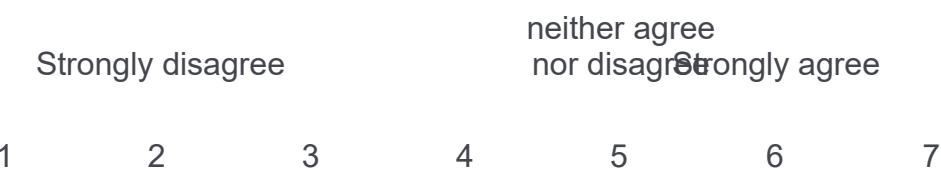
(2) Given your answer to (1), Dan  \_\_\_\_\_ the power failure to happen.

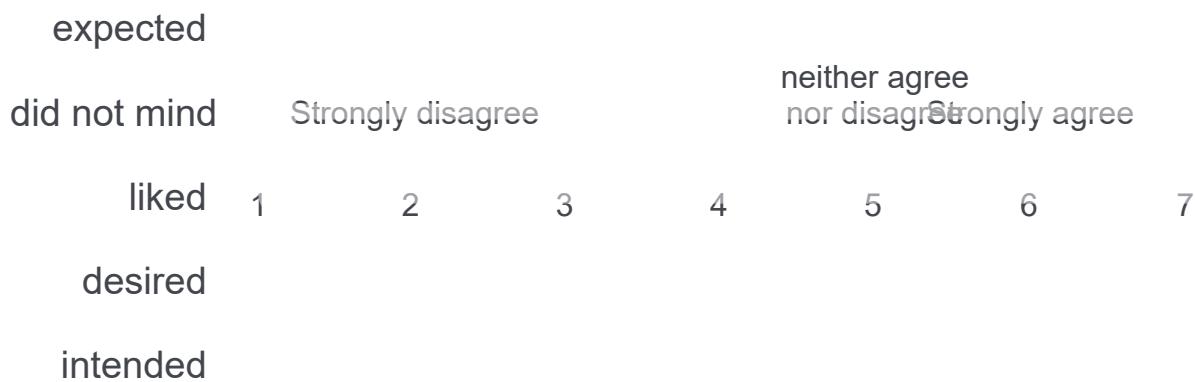


(3) Bob  expected Dan  to make coffee on Friday.



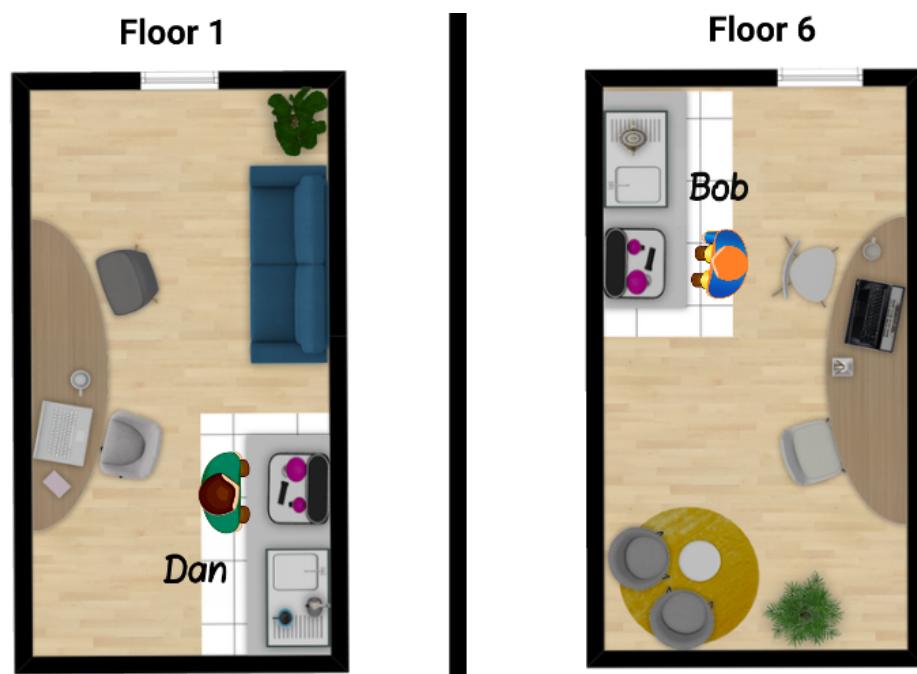
(4) Given your answer to (3), Bob  \_\_\_\_\_ the power failure to happen.



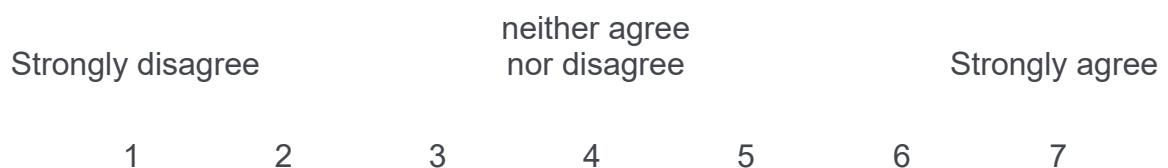


## Ratings\_NoKnowledge\_Coffee2

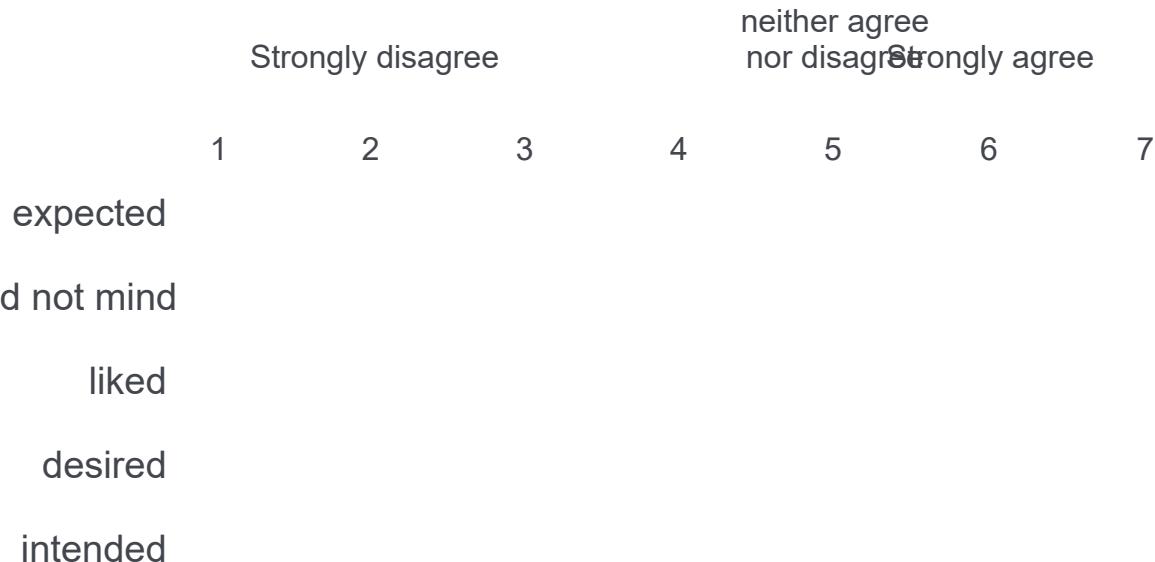
Please rate your agreement with the following statements and sentence completions.



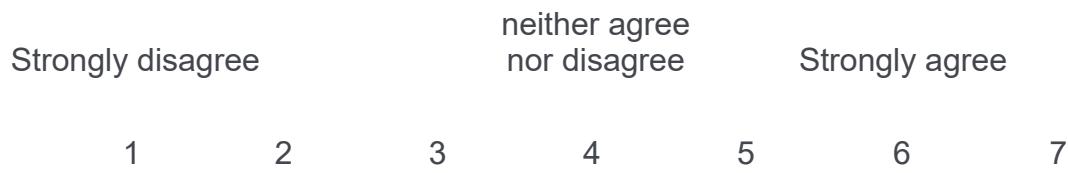
(1) Bob 🍋预期 Dan 🍔 to make coffee on Friday.



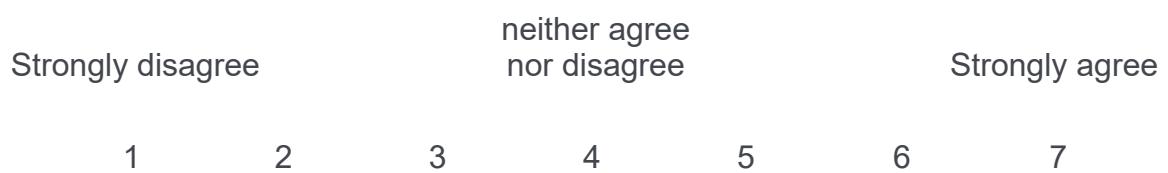
(2) Given your answer to (1), Bob  \_\_\_\_\_ the power failure to happen.

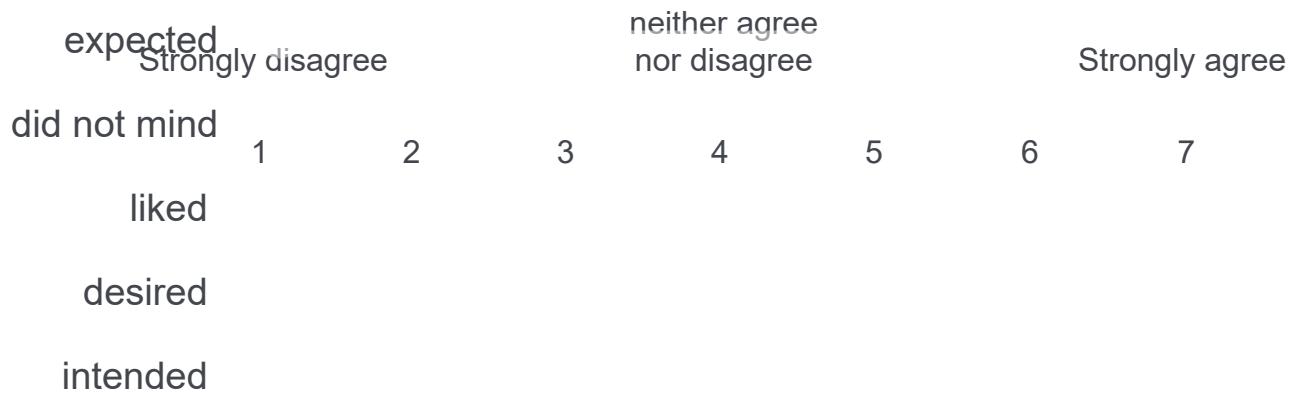


(3) Dan  expected Bob  to make coffee on Friday.

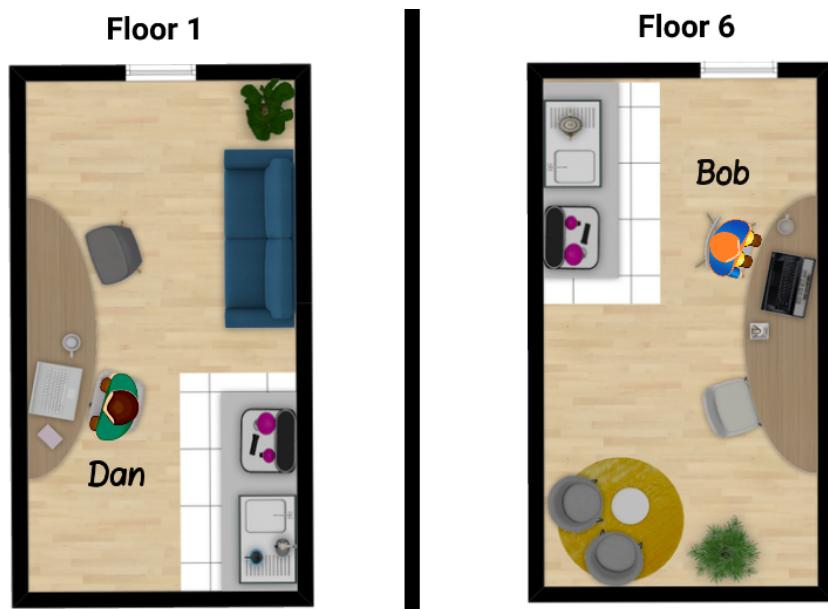


(4) Given your answer to (3), Dan  \_\_\_\_\_ the power failure to happen.





### Check\_NoKnowledge\_Coffee\_Post



Who used a coffee machine frequently (rather than infrequently) this week?

- Dan 
- Bob 

### **Demographics**

What is your age?

What is your gender?

Male

Female

N.A.

**End**

Please provide a brief explanation of how you made your judgements with regards to the two videos.

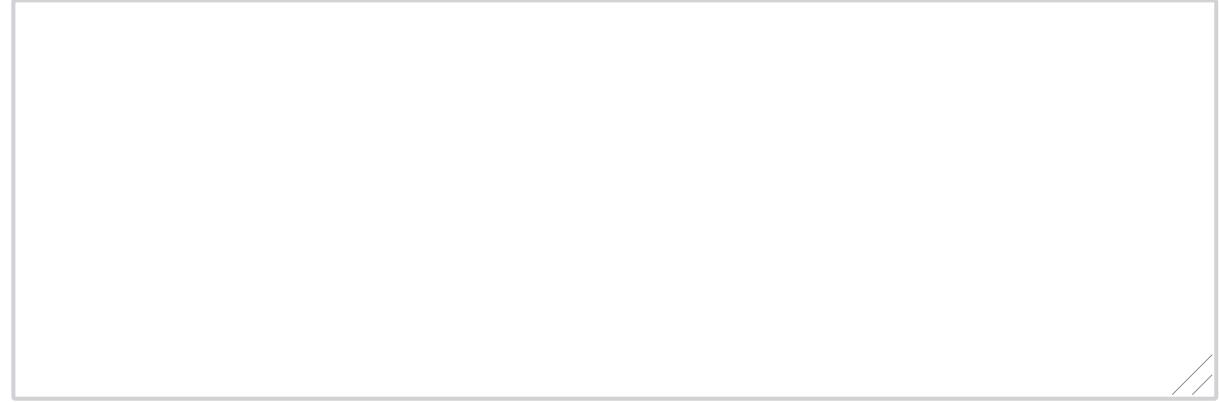
Thank you for your participation.

If you experienced any issues with the survey/the videos

AND/OR

you have any suggestions for improvements or thoughts you would like to share, please comment below.

Then click on the arrow to receive your payment code.



Your payment code is "5983causal"

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