

**Dear participant,**

### Goal of the experiment

### *Procedure*

## Confidentiality

### Voluntary participation

## Insurance

### *Informed Consent*

*"I hereby declare to have been sufficiently informed about this study on the language that people use to describe events in which they felt  $\{lm://Field/1\}$ . I understand that if I do not adhere to the instructions, I will not receive any credits. I declare that I consent to participate in this study. I have*

*the right to withdraw this permission without explanation at any time and I am aware that I may stop at any moment during the experiment. I understand that in case of either using my results in scientific publications or making these results public in any other way, my information will be reported completely anonymously. My personal data will not be revealed to others without my explicit approval.*

*If I have any question about this research, now or in the future, I can contact the lead researcher: Dr. D. A. Sauter ([D.A.Sauter@uva.nl](mailto:D.A.Sauter@uva.nl)). In case of complaints about the study, I can contact Dr. M. Rotteveel, member of the ethics committee of the Social Psychology Department at the University of Amsterdam ([M.Rotteveel@uva.nl](mailto:M.Rotteveel@uva.nl)).*

**Signed (please select 1 option):**

- ☐ Yes, I consent to taking part in this study
- ☐ No, I do not consent to taking part in this study

In order to receive credits for participating, please enter your student number below:

The goal of the study is to better understand the language people use to describe experiences in which they felt  $\${lm://Field/1}$ . We do this by asking you to recall events in which you felt  $\${lm://Field/1}$ . To get a clear picture we ask you to  $\${lm://Field/2}$ . Please write 400-450 characters (i.e.  $\pm 5$  sentences) describing one of these recent memories. Please be aware that you will not receive any credits for gibberish words and/or stories or for copying the same sentence/story multiple times.

On a scale from 1 (not at all) to 7 (a great deal) how intense was the event you recalled for you?

Not at all

A moderate amount

A great deal

1

2

3

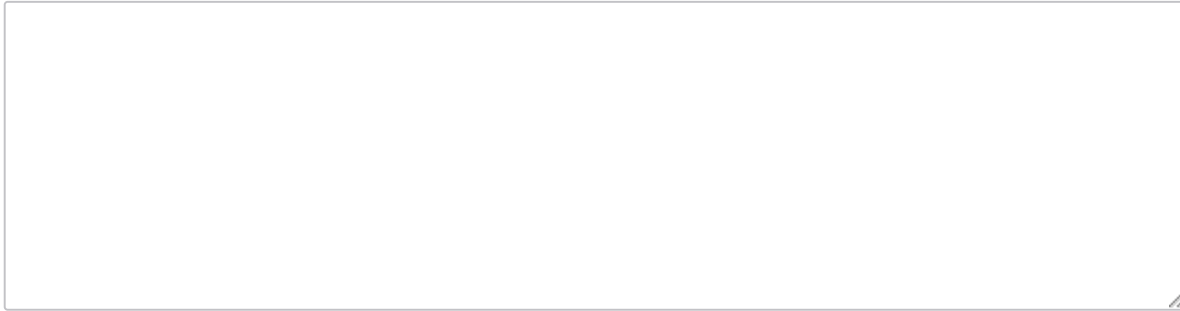
4

5

6

7

Please write about **another** memory in which you felt  $\{lm://Field/1\}$ . Please think of a different time than the one you previously described – this allows us to create as large an emotion lexicon as possible. Please write 400-450 characters (i.e.  $\pm$  5 sentences) describing one of these recent memories  $\{lm://Field/3\}$ .



On a scale from 1 (not at all) to 7 (a great deal) how intense was the event you recalled for you?

Not at all

A moderate amount

A great deal

1

2

3

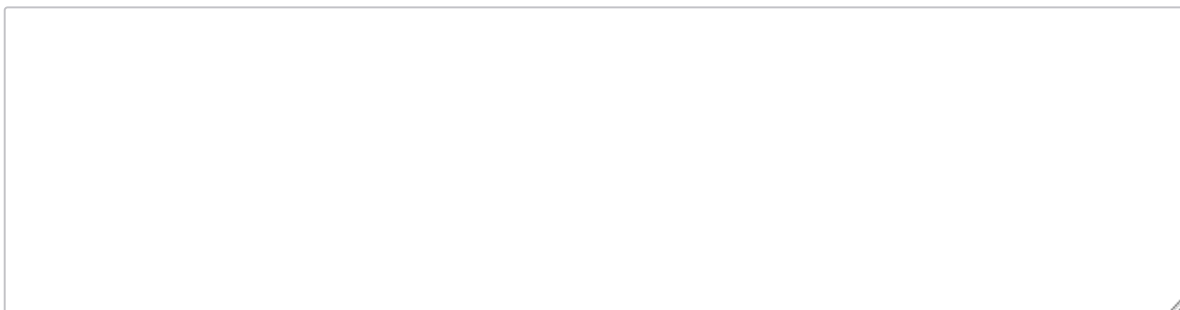
4

5

6

7

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On a scale from 1 (not at all) to 7 (a great deal) how intense was the event you recalled for you?

Not at all

A moderate amount

A great deal

1

2

3

4

5

6

7

## Manipulation Checks

We are also interested to see how you **currently** feel. Please indicate how you feel **right now** from 1 (*does not describe my feelings*) to 7 (*clearly describes my feelings*).

***Companionate love: The feeling of warmth and affection toward platonic others, such as friends or family, in close but nonsexual relationships.***

Does not describe my  
feelingsModerately describes my  
feelingsClearly describes my  
feelings

1

2

3

4

5

6

7

***Awe: The feeling when you encounter something that is greater or more powerful than yourself. You feel insignificant and need a moment to adjust.***

Does not describe my  
feelingsModerately describes my  
feelingsClearly describes my  
feelings

1

2

3

4

5

6

7

***Pride: The feeling when you possess or have accomplished something that other people find praiseworthy. You feel vigorous and have the urge to show off to others.***

Does not describe my  
feelingsModerately describes my  
feelingsClearly describes my  
feelings

1

2

3

4

5

6

7

***Amusement: The feeling when you encounter something silly, ironic, witty, or absurd, which makes you laugh. You have the urge to be playful and share the joke with others.***

Does not describe my feelings		Moderately describes my feelings			Clearly describes my feelings	
1	2	3	4	5	6	7

***Joy: The feeling when something very good just happened to you. You have the urge to celebrate and share it with others.***

Does not describe my feelings		Moderately describes my feelings			Clearly describes my feelings	
1	2	3	4	5	6	7

***Compassion: The feeling when you witness that a person is suffering physically or emotionally. You want to help this person or lighten their suffering.***

Does not describe my feelings		Moderately describes my feelings			Clearly describes my feelings	
1	2	3	4	5	6	7

***Contentment: The feeling when things are going well and there is nothing urgent to be done. You feel like relaxing and enjoying the present moment.***

Does not describe my feelings		Moderately describes my feelings			Clearly describes my feelings	
1	2	3	4	5	6	7

You have just indicated to what extent you currently experience distinct emotions. We have a few more questions that cover **a broader sense of how you currently feel.**

### ***Positive***

Does not describe my	Moderately describes my	Clearly describes my
----------------------	-------------------------	----------------------

feelings

feelings

feelings

1

2

3

4

5

6

7

***Negative***Does not describe my  
feelingsModerately describes my  
feelingsClearly describes my  
feelings

1

2

3

4

5

6

7

***Aroused: The feeling of being physiologically alert and/or attentive.***Does not describe my  
feelingsModerately describes my  
feelingsClearly describes my  
feelings

1

2

3

4

5

6

7

**Demographics**

The last step before completing the study is to provide some demographical information.

I identify as:

☐

Male

☐

Female

☐ Other

I am currently ... years old

I identify as...

☐ Dutch

☐  Other, namely:

## Helping\_choice

This is the end of the study assessing how people use language to describe emotional experiences. However, before you close the browser (automatically saving all answers), researchers at  $\{lm://Field/1\}$  want to ask for your help. They have recorded voice clips of different species and need help determining the most likely context in which these sounds were recorded. You can decide for yourself how many clips you would like to listen to, each clip is only a few seconds long. Would you be willing to help them? Please be aware that you will not receive additional credit for this, but you would help the researchers at  $\{lm://Field/1\}$  greatly!

☐ Yes, I will help

☐ No, I will not help

Thank you very much for helping us, we really appreciate it.

We have recorded sound clips of different species in 8 separate situations (e.g., eating or being tickled). We want to ask you to determine the most likely situation in which each clip was recorded.

Please ensure your **sound is on** and click ">>" to start helping us. If you are using a mobile phone or tablet, please press "**Listen in browser**" if the sound clip does not start playing automatically.

## Helping\_Task

$\{lm://Field/1\}$

**Please indicate which situation best represents the vocalization you have just heard:**

☐ Eating

- ☐ Being tickled
- ☐ Being threatened
- ☐ Discovery of a threat
- ☐ Discovery of a large food source
- ☐ Separation from mother
- ☐ Copulation
- ☐ Being attacked

Thank you for helping us by deciding which situation applies to the voice clip you have just heard. Would you help us by listening to another short clip?

- ☐ Yes, I will listen to another clip
- ☐ No, I will not listen to another clip; I wish to finish helping

First of all, we would like to thank you for taking part in this study and helping the other researchers. We will check your data and add your participation credits as soon as possible.

Before you started the experiment, we told you that we were studying how people use language to describe experiences in which they felt a specific emotion. Recalling these memories was done in order to elicit feelings in participants of either love, awe, pride, or a neutral control condition, depending on the condition that participants were randomly assigned to.

Our primary interest in this study, in fact, was whether participants would engage in helping the other researchers or not. Previous studies have found that inducing positive emotions can make people donate more money to others. In this study we test whether positive emotions also make people help others more compared to participants who feel neutral. **Please be aware that any of your peers might still take part in this research, please do not tell them about the true purpose of the study!**

If you have any additional questions about the research, or wish to learn more about the results of the study, please leave a comment or contact the lead researcher: Dr. D.A. Sauter ([D.A.Sauter@uva.nl](mailto:D.A.Sauter@uva.nl)). If you have any ethical complaints about this study, please contact Dr. M. Rotteveel member of the ethics committee of the Social Psychology Department at the University of Amsterdam ([M.Rotteveel@uva.nl](mailto:M.Rotteveel@uva.nl)).

Kind regards,  
Sally Hogenboom and Disa Sauter





## Debrief

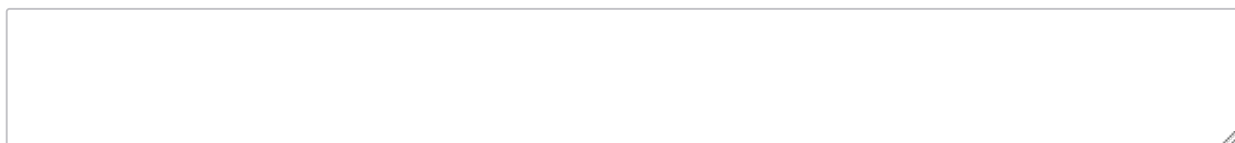
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Kind regards,  
Sally Hogenboom and Disa Sauter



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