

# Evaluation of an OCD Ontology

Dear respondents,  
Thank you for considering to take part in this survey. An OCD ontology is an attempt to compile the vocabulary used by physicians, therapists and patients. This is somewhat like a dictionary or thesaurus, but with added functionality to relate the vocabulary together to allow computers to also understand this vocabulary.

The survey should take approximately 30 minutes.

-Purpose of the survey:  
This survey will attempt to evaluate the quality of the definitions that are stored in the ontology as well as the information that the computer is able to infer based on this definitions.

This will be done by listing these definitions and inferences as statements and asking you to rate your agreement with the statements presented.

-Voluntary participation:  
Your participation in this survey is voluntary. It is up to you to decide whether or not to take part in this survey. If you decide to take part in this survey, you will be asked to check the informed consent (IC) below. After you check the IC, you are still free to withdraw at any time and without giving a reason. If you withdraw before completing the survey, your input will not be recorded.

We appreciate your time and effort in completing this survey. To thank you for your participation, we would like to offer you a voucher as a token of our appreciation. If you complete this survey, you will be eligible to receive a voucher worth £50. This voucher can be redeemed at participating stores or online retailers.

Please note that the voucher is only available to participants who complete the entire survey.

-Privacy and confidentiality statement:  
Your responses will be anonymous, and all responses will be kept strictly confidential. The survey results may be presented in scientific conferences and/or journals. This study will only present the results obtained as a whole, without revealing any of your personal information, i.e., your data will only be used in combination with the responses of others participating in the survey.

If you have any questions regarding the survey, please contact the researcher Areej Muhajab muhajaba@cardiff.ac.uk.

-Informed consent (IC)  
I have read and I understand the provided information (particularly **CONSENT FORM**) and have had the opportunity to ask questions. I understand that my participation is voluntary and that I am free to withdraw at any time, without giving a reason and without cost. I voluntarily agree to take part in this survey.

## Completing the survey

There is a short **Glossary** of relevant terms used to build this ontology to accompany this survey. Reference to some of the terms is given within the survey questions for ease of reference. You may wish to consult the glossary whilst completing the survey.

Please choose one option for each statement to indicate whether you either agree, disagree or that you are not sure about the truth of the statement.

There is (optional) **"Add a Comment"** space after each statement, e.g. to suggest rewording of the statement, to explain that the statement may be incomplete, or to explain why you disagree with the statement. Your comments will be very helpful to us!

## CONSENT FORM

The following questions are essential to inform that participants have read and understand the provided information (information sheet) and have had the opportunity to ask questions. Participants must select **(Yes)** or **(No)** for the following questions.

1. I confirm that I have read the information sheet version 2.0 for the above research project.

Tick all that apply.

- ☐ Yes  
☐ No

2. I confirm that I have understood the information sheet version 2.0 for the above research project and that I have had the opportunity to ask questions and that these have been answered satisfactorily.

Tick all that apply.

- ☐ Yes  
☐ No

3. I understand that my participation is voluntary and I am free to withdraw at any time without giving a reason and without any adverse consequences (e.g. to medical care or legal rights, if relevant). I understand that if I withdraw, information about me that has already been obtained may be kept by Cardiff University.

Tick all that apply.

- ☐ Yes  
☐ No

4. I understand that data collected during the research project may be looked at by individuals from Cardiff University or from regulatory authorities, where it is relevant to my taking part in the research project. I give permission for these individuals to have access to my data.

Tick all that apply.

- ☐ Yes  
☐ No

5. I consent to the processing of my personal information for the purposes explained to me. I understand that such information will be held in accordance with all applicable data protection legislation and in strict confidence unless disclosure is required by law or professional obligation.

Tick all that apply.

- ☐ Yes  
☐ No

6. I understand who will have access to personal information provided, how the data will be stored and what will happen to the data at the end of the research project.

Tick all that apply.

- ☐ Yes  
☐ No

7. I understand that after the research project, anonymised data may be made publicly available via a data repository and may be used for purposes not related to this research project. I understand that it will not be possible to identify me from this data that is seen and used by other researchers, for ethically approved research projects, on the understanding that confidentiality will be maintained.

Tick all that apply.

- ☐ Yes  
☐ No

8. I consent to being audio recorded/ video recorded/ having my photograph taken for the purposes of the research project and I understand how it will be used in the research.

Tick all that apply.

- ☐ Yes  
☐ No

9. I understand that anonymised excerpts and/or verbatim quotes from my QUESTIONNAIRE may be used as part of the research publication.

Tick all that apply.

- ☐ Yes  
☐ No

10. I understand how the findings and results of the research project will be written up and published.

Tick all that apply.

- ☐ Yes  
☐ No

11. I agree to take part in this research project.

Tick all that apply.

- ☐ Yes  
☐ No

## Demographic questions include age, gender, education level and employment status.

These questions will help in collective analysis and statistics and individual data will not be identifiable.

12. Which category below includes your age?

Mark only one oval.

- ☐ 18-24 years old  
☐ 25-31 years old  
☐ 32-40 years old  
☐ 41-50 years old  
☐ 50-60 years old  
☐ over 60  
☐ Prefer not to say

13. What is your gender?

Mark only one oval.

- ☐ Female  
☐ Male  
☐ Non-binary  
☐ Prefer not to say

14. What is the highest degree or level of school you have completed?

Mark only one oval.

- ☐ Doctorate (e.g. PhD, EdD)  
☐ Master's degree (e.g. MA, MS, MEd)  
☐ Bachelor's degree (e.g. BA, BS)  
☐ High school graduate, diploma or equivalent  
☐ Prefer not to say

15. Do you have any work experience in the mental health/medical domain (paid or voluntary) ?

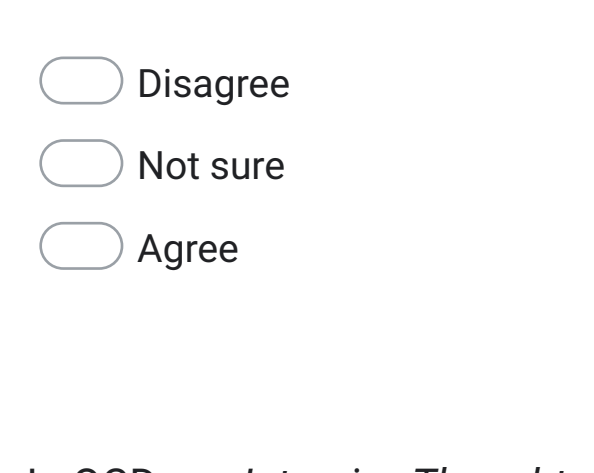
Mark only one oval.

- ☐ yes  
☐ No

16. If you answered **Yes** to the previous question, please provide a brief statement of the mental health/medical work you are (or were) involved in?

## The OCD ontology.

All the following questions refer to concepts used when evaluating a person for OCD



17. In OCD, an *intrusive Thought*, characterising an Obsession, is a *Thought* that is always associated with negative emotions (e.g. distress).

Example: A new mum has distressing thoughts about dropping her baby while carrying him, and causing him harm.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

18. In OCD, an *intrusive Thought*, characterising an Obsession, tend to frequently occupy a person's mind during her daily life.

Example: The mum experiences the distressing thoughts of dropping her baby many times during the day.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

19. In OCD, an *intrusive Thought*, characterising an Obsession, will impact the person's normal activities (e.g. isolation from social circles, inability to work).

Example: As a result of the distressing thoughts of dropping the baby, the mum refuses to carry her child.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

20. In OCD, a negative or distressful Thought that is brief and does not impact the person's daily life, is Not considered to be an Intrusive Thought characterising an Obsession.

Example: The mum briefly worries that her baby may choke whilst feeding him, but dismisses the thought and carries on feeding the baby as normal.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

21. Any other comments on Intrusive Thoughts

22. In OCD, an *Intrusive Mental Image*, characterising an Obsession, is a type of Intrusive Thought that materialises as a visual image in the mind.

Example: The mum gets frequent images in her mind of her baby on the floor crying with an injury to his head.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

23. In OCD, an *Intrusive Urge or Impulse*, characterising an Obsession, is a frequent driving feeling to engage in a distressful behaviour, that affects daily living.

Example: The mum is frequently having an urge to drop her baby, and as a result decides to stay away from her baby.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

24. In OCD, an urge/impulse to engage in a distressful behaviour, that does not affect daily life, is Not considered to be an *Intrusive urge/impulse* characterising an Obsession.

Example: The mum worries briefly about her urge to drop her baby, but carries on as normal.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

25. Any other comments on Intrusive Imag or Urge

26. In OCD, *Obsession* can be any of: *Intrusive Thought*, *Intrusive Image* or *Intrusive Impulse/Urge* that causes distress due to the added importance that the individual places on them.

Example: Frequent thoughts of harming the baby make the mum actually believe that she is capable of harming her.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

27. Any other Comments on Obsessions in OCD

28. In OCD, an *Aggressive Obsession* is always an *Aggressive Intrusive Thought* or an *Aggressive Intrusive Image* or an *Aggressive Intrusive Urge*.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

29. In OCD, *Compulsions* are some *distressing behaviours* that are provoked by certain obsessions, that have an impact on daily life and occupy a significant amount of person's time.

Example: The mum's obsession of dropping her baby leads her to seek continuous reassurances from her partner.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

30. In OCD, *Compulsions* can take the form of *distressing mental activities* that a person experiences, in response to certain obsessions.

Example: The mum's obsession of dropping her baby leads her to keep counting numbers in her mind as a form of distraction.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

31. In OCD, a *Compulsion* is a brief distressing *Behaviour* or *Activities* that will NOT have any significant effect on a person's life.

Example: The mum being seeking reassurance from her partner due to the intrusive thought of harming her baby; meanwhile, she is carrying on with her regular activities as normal.

Mark only one oval.

- ☐ Disagree  
☐ Not sure  
☐ Agree

32. Any other comments on compulsions in OCD