# Chatbot\_Stigma\_E7\_Loneliness

Start of Block: informed consent

consent

#### **Informed Consent**

### **Participation is voluntary**

It is your choice whether or not to participate in this research. If you choose to participate, you may change your mind and leave the study at any time. Refusal to participate or stopping your participation will involve no penalty or loss of benefits to which you are otherwise entitled.

### What is the purpose of this research?

The purpose of this research is to examine human visual performance and judgments. All data from this experiment are gathered for scientific purposes and will contribute to our eventual understanding of brain and visual function. These data may be published in scientific journals so that other researchers may have access to these data.

# How long will I take part in this research?

Your participation will take approximately 7 minutes to complete.

## What can I expect if I take part in this research?

As a participant, you will be asked to look at images presented on a video display and give responses with key presses or movements of a mouse pointing device. Your response may involve responding as quickly as you can, memorizing what you saw, making a judgment, or completing a questionnaire. You will also be asked to complete a demographics form.

## What are the risks and possible discomforts?

If you choose to participate, the effects should be comparable to those you would experience from viewing a computer monitor for 7 minutes and using a mouse or keyboard, e.g., eye fatigue. You are free to take breaks throughout the session. Some of the images and stories are mildly emotional, and some of the written stories are disgust-inducing.

#### Will I be compensated for participating in this research?

You will be compensated \$1 for this study. You will still receive payment if you withdraw early.

# If I take part in this research, how will my privacy be protected? What happens to the information you collect?

Your participation in this experiment will remain confidential, and your identity will not be stored

with your data.

If I have any questions, concerns or complaints about this research study, wh	ho can I talk
to?	
The researcher for this study is Julian De Freitas who can be reached at 626.559.6	3401; #161
Morgan Hall, 15 Harvard Way, Boston MA, 02163; jdefreitas@hbs.edu. If you have	questions,
concerns, or complaints,	you think the
research has harmed you, or If you wish to withdraw from the study.	
This research has been reviewed by the Committee on the Use of Human Subjects	in Research
at Harvard University. They can be reached at 617-496-2847, 1350 Massachusetts	Avenue,
Suite 935, Cambridge, MA 02138, or cuhs@harvard.edu for any of the following:	If your
questions, concerns, or complaints are not being answered by the research team,	If you
cannot reach the research team,	earch team,
or If you have questions about your rights as a research participant.	

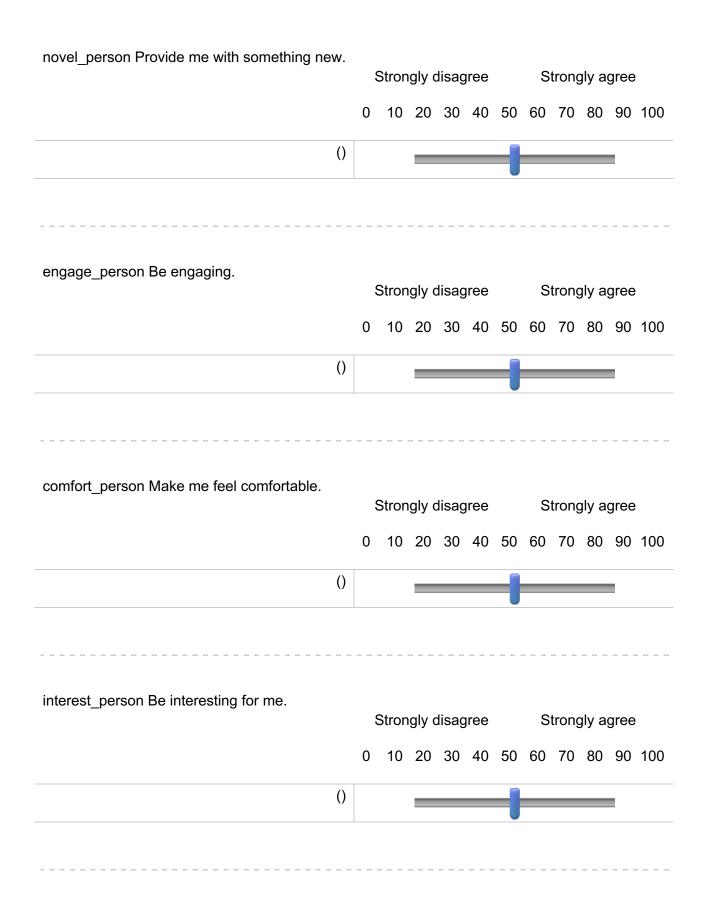
Morgan Hall, 15 Harvard Way, Boston MA, 02163; jdefreitas@hbs.edu. If you have questions, concerns, or complaints, If you would like to talk to the research team, If you think the research has harmed you, or If you wish to withdraw from the study.  This research has been reviewed by the Committee on the Use of Human Subjects in Research at Harvard University. They can be reached at 617-496-2847, 1350 Massachusetts Avenue, Suite 935, Cambridge, MA 02138, or cuhs@harvard.edu for any of the following: If your questions, concerns, or complaints are not being answered by the research team, If you cannot reach the research team, If you want to talk to someone besides the research team, or If you have questions about your rights as a research participant.
consent_q Do you consent
○ Yes (1)
○ No (2)
End of Block: informed_consent
Start of Block: attention_checks
JS
att_1 This is an attention check. <b>John is taller than Paul. Who is shorter?</b>
att_1 This is an attention check. <b>John is taller than Paul. Who is shorter?</b>
att_1 This is an attention check. <b>John is taller than Paul. Who is shorter?</b> O John (1)
att_1 This is an attention check. John is taller than Paul. Who is shorter?  O John (1) O Paul (2)

att\_2 What color is grass?

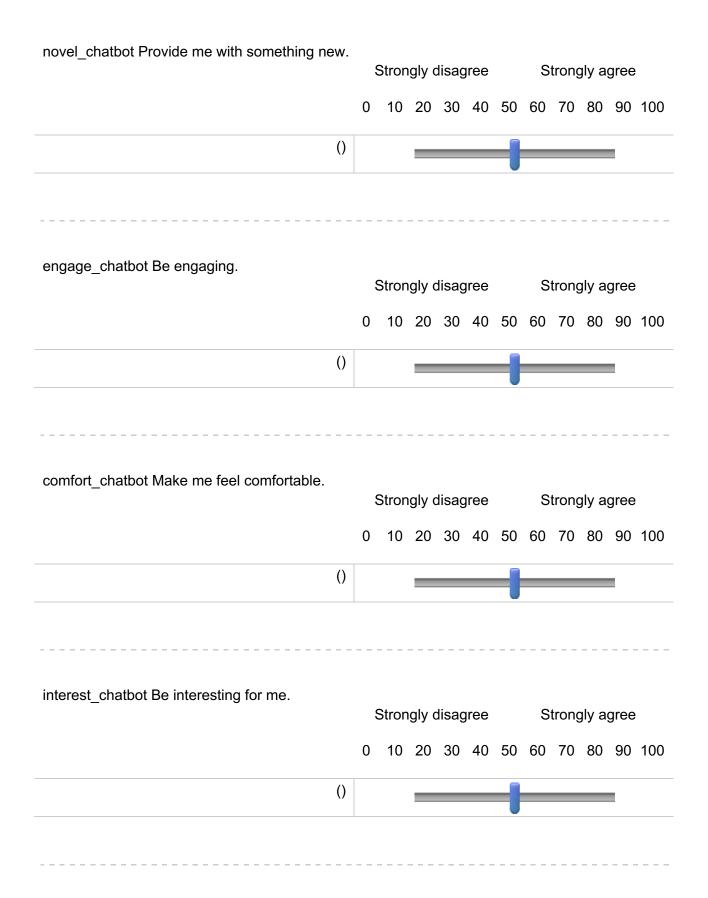
The fresh, uncut grass, not leaves or hay. Please make sure to select purple, so that we know you're paying attention.
○ Green (1)
O Purple (2)
End of Block: attention_checks
Start of Block: failed_attention_check
failed_checks You failed one of the attention checks.
Thanks for considering the survey!
End of Block: failed_attention_check
Start of Block: choice
vign In this study, you will be asked to imagine doing one of three things for <u>15 minutes</u> : 1) talk with a person online, 2) interact with a chatbot, or 3) watch a YouTube video. Then you will be asked some follow-up questions.
Page Break -



choice For the next 15 minutes, which of the find NOTE: You would be able to talk about any top type of video on YouTube.			_		-				h foi	r any	,
○ Talk with a person online (1)											
O Interact with a chatbot (2)											
○ Watch a YouTube video (3)											
End of Block: choice											
Start of Block: person											
vign Before starting, please answer the following	g:										
I believe that talking with a person online wo	ould:	;									
entertain_person Entertain me.	9	Stron	alv (	disag	roo		St	trongl	v ac	ıroo	
	0							70			100
()											
, , , , , , , , , , , , , , , , , , ,						J				_	
lonely_person Make me feel less lonely.											
				disag				trongl			
	0	10	20	30	40	50	60	70	80	90	100
()									_		











() End of Block: youtube Start of Block: debrief debrief Thank you for answering our questions! As we noted, we were only asking you to imagine doing one of the three tasks, so you will not actually be completing any of the tasks. End of Block: debrief **Start of Block: Ioneliness** lonely\_vign The next questions ask how you feel about different aspects of your life. For each one, indicate how often you feel that way. lonely 1 How often do you feel that you lack companionship? Hardly ever Often 1 2 3 () lonely 2 How often do you feel left out? Hardly ever Often

1

()

2

3

lonely_3 How often do you feel isolated from other			Office
	Hardly ever		Often
	1	2	3
()		-	
lonely_4 How often do you feel lonely?			
ionery_+ frow often do you reer fortery:	Hardly ever		Often
	1	2	3
()		-	
End of Block: loneliness			
Start of Block: demographics			
chatbot Before this survey, have you ever inter-	acted with a chat	bot befor	e?
O Yes (1)			
O No (2)			
chatbot_exp If you answered 'yes' above, pleas	e explain.		
Page Break			

gender What is your gender?	
O Male (1)	
O Female (2)	
O Prefer not to disclose (3)	
Other (please specify) (4)	
	-
ethnicity What is your ethnicity?	
Black or African American (1)	
O Asian (2)	
○ White or European (3)	
O Hispanic or Latino (4)	
○ Mixed (5)	
Other (please specify) (6)	
	<del>-</del> 
*	
age What is your age (in years)?	

ed	u What is the highest level of education you have completed?	
	O High School or Equivalent (1)	
	O Vocational/Technical School (2 year) (2)	
	O Some College (3)	
	College Graduate (4 year) (4)	
	O Masters Degree (MS) (5)	
	O Doctoral Degree (PhD) (6)	
	O Professional Degree (MD, JD, etc.) (7)	
	Other (please specify) (8)	
	d of Diody, domographics	
=11	d of Block: demographics	