**Appendix A**

Sussex identity and Sussex noise condition

**Questionnaire**

**Page 1: Perception and Detection of crowd noise in relation to cognitive style.**

Today’s study in interested in perceptions of crowd noise (specifically detection and recall) in relation to cognitive style amongst different groups.

This study will look at the differences between **Sussex students** and Brighton students**.**

Note that once you have clicked on the CONTINUE button at the bottom of each page you cannot return to review or amend that page.

**Page 2: Please read the questions carefully and take as much time as you need…**

1. Please write down three facts that are important to you as a **Sussex student.**
2. I feel I am a worthy member of Sussex university (1 = strongly disagree, 7 = strongly agree)
3. I feel I don't have much to offer Sussex University (1 = strongly disagree, 7 = strongly agree)
4. I am a cooperative student at Sussex University (1 = strongly disagree, 7 = strongly agree)
5. I often feel I don’t contribute much to Sussex university (1 = strongly disagree, 7 = strongly agree)

**Page 3:** You will now listen to an audio clip of the **Sussex students** at a demonstration.*Please close your eyes to prevent distraction.*

N.B. You may remove the headphones once you have had enough of listening to the soundtrack.

The audio track made me feel:

1. Scared (1 = strongly disagree, 7 = strongly agree)
2. Nervous (1 = strongly disagree, 7 = strongly agree)
3. Excited (1 = strongly disagree, 7 = strongly agree)
4. Anxious (1 = strongly disagree, 7 = strongly agree)
5. Proud (1 = strongly disagree, 7 = strongly agree)
6. Concerned (1 = strongly disagree, 7 = strongly agree)
7. Aware (1 = strongly disagree, 7 = strongly agree)
8. Hostile (1 = strongly disagree, 7 = strongly agree)

**Page 4: Assessing noise Perception & Detection**

Please indicate your score on a scale of 1 to 7 (1 = strongly disagree, 7 = strongly agree)

1. I was able to hear what the voices in the soundtrack were saying
2. I found it easy to detect sounds
3. I would be able to estimate the number of people in the crowd
4. I would be able to reproduce the sounds I have just heard
5. The people in the soundtrack were relevant to me

**Page 5: Cognitive Style Test**

This study is looking at whether cognitive style is related to better crowd noise detection and recall…

 Imagine you have been working hard all morning in the library. You go to the library café for lunch and there is a big queue. Someone pushes in front of you. When you tell them so, they curse at you and step towards you aggressively…

*Please respond to the following questions by selecting the answer most appropriate to how you would behave. (1*= strongly disagree, 7 = strongly agree)

1. I would tell this person openly that I disagreed with them
2. I would find myself disagreeing with this person
3. When this person annoyed me, I would tell them what I thought of them
4. This person would say I’m being somewhat argumentative
5. I could not control my urge to strike this person
6. Given enough provocation, I may hit this person
7. If this person hit me, I may hit this person
8. I’d get into a fight with this person a little more than the average person
9. If I had to resort to violence to protect my rights I would
10. This person would have pushed me so far that we came to blows
11. I can think of no good reason for ever hitting this person

**Page 6: Please let the experimenter know when you are ready….**

You will now asked to complete a short reaction time task. Please let the experimenter know when you have finished the task to allow them write down the score.

**Page 7: Final Section.**

Please answer the following questions:

1. Age
2. Gender
	1. Male
	2. Female
3. Please circle which seems appropriate to how you were treated during this study. I was being measured as:
	1. Sussex student compared to Brighton students
	2. Student compared to non students
4. Degree Course

**Page 8: The study has now finished. Thank you for your participation**.

**Appendix B**

Sussex identity and Brighton noise condition

**Questionnaire**

**Page 1: Perception and Detection of crowd noise in relation to cognitive style.**

Today’s study in interested in perceptions of crowd noise (specifically detection and recall) in relation to cognitive style amongst different groups.

This study will look at the differences between **Sussex students** and Brighton students**.**

Note that once you have clicked on the CONTINUE button at the bottom of each page you cannot return to review or amend that page.

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1. Please write down three facts that are important to you as a **Sussex student.**
2. I feel I am a worthy member of Sussex university (1 = strongly disagree, 7 = strongly agree)
3. I feel I don't have much to offer Sussex University (1 = strongly disagree, 7 = strongly agree)
4. I am a cooperative student at Sussex University (1 = strongly disagree, 7 = strongly agree)
5. I often feel I don’t contribute much to Sussex university (1 = strongly disagree, 7 = strongly agree)

**Page 3:** You will now listen to an audio clip of the **Brighton students** at a demonstration.*Please close your eyes to prevent distraction.*

N.B. You may remove the headphones once you have had enough of listening to the soundtrack.

The audio track made me feel:

1. Scared (1 = strongly disagree, 7 = strongly agree)
2. Nervous (1 = strongly disagree, 7 = strongly agree)
3. Excited (1 = strongly disagree, 7 = strongly agree)
4. Anxious (1 = strongly disagree, 7 = strongly agree)
5. Proud (1 = strongly disagree, 7 = strongly agree)
6. Concerned (1 = strongly disagree, 7 = strongly agree)
7. Aware (1 = strongly disagree, 7 = strongly agree)
8. Hostile (1 = strongly disagree, 7 = strongly agree)

**Page 4: Assessing noise Perception & Detection**

Please indicate your score on a scale of 1 to 7 (1 = strongly disagree, 7 = strongly agree)

1. I was able to hear what the voices in the soundtrack were saying
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4. I would be able to reproduce the sounds I have just heard
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1. I would tell this person openly that I disagreed with them
2. I would find myself disagreeing with this person
3. When this person annoyed me, I would tell them what I thought of them
4. This person would say I’m being somewhat argumentative
5. I could not control my urge to strike this person
6. Given enough provocation, I may hit this person
7. If this person hit me, I may hit this person
8. I’d get into a fight with this person a little more than the average person
9. If I had to resort to violence to protect my rights I would
10. This person would have pushed me so far that we came to blows
11. I can think of no good reason for ever hitting this person

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**Page 7: Final Section.**

Please answer the following questions:

1. Age
2. Gender
	1. Male
	2. Female
3. Please circle which seems appropriate to how you were treated during this study. I was being measured as:
	1. Sussex student compared to Brighton
	2. Student compared to non students
4. Degree Course

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**Appendix C**

Student identity and Sussex noise condition

**Questionnaire**

**Page 1: Perception and Detection of crowd noise in relation to cognitive style.**

Today’s study in interested in perceptions of crowd noise (specifically detection and recall) in relation to cognitive style amongst different groups.

This study will look at the differences between **students** and non-students**.**

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1. Please write down three facts that are important to you as a **student.**
2. I feel I am a worthy member of my university (1 = strongly disagree, 7 = strongly agree)
3. I feel I don't have much to offer being a student (1 = strongly disagree, 7 = strongly agree)
4. I am a cooperative student at my university (1 = strongly disagree, 7 = strongly agree)
5. I often feel I don’t contribute much to my university (1 = strongly disagree, 7 = strongly agree)

**Page 3:** You will now listen to an audio clip of the **Sussex students** at a demonstration.*Please close your eyes to prevent distraction.*

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The audio track made me feel:

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**Page 7: Final Section.**

Please answer the following questions:

1. Age
2. Gender
	1. Male
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3. Please circle which seems appropriate to how you were treated during this study. I was being measured as:
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**Appendix D**

Student identity and Brighton noise condition

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4. Degree Course

**Page 8: The study has now finished. Thank you for your participation**.

**Appendix E**

**CONSENT FORM FOR PROJECT PARTICIPANTS**

Project Title: Perception and Detection of crowd noise in relation to cognitive style.

Project Approval Reference:

I agree to take part in the above University of Sussex research project. I have had the project explained to me and I have read and understood the Information Sheet, which I may keep for records. I understand that agreeing to take part means that I am willing to:

· Listen to the soundtrack played through the headphones provided

· Fill in a questionnaire in regards to perception and detection of the crowd noise

· Complete a short reaction time task

· Allow the researcher to have access to my personal details (email) ONLY for use in the £25 prize draw (if you don’t wish to be entered, don’t write your email below)

N.B. The experimenter will be present during the study to provide you with assistance.

I understand that any information I provide is confidential, and that no information that I disclose will lead to the identification of any individual in the reports on the project, either by the researcher or by any other party.

I consent to the processing of my personal information for the purposes of this research study. I understand that such information will be treated as strictly confidential and handled in accordance with the Data Protection Act 1998.

I understand that my participation is voluntary, that I can choose not to participate in part or all of the project, and that I can withdraw at any stage of the project up until the point at which the project report is submitted.

**Name: \_ Signature:**

**Age: \_ Date:**

**Email:**

 **Appendix F**

IAT Measure Information Sheet

**IAT: Implicit Association Test Instruction Page**

Please select your language from the drop-down box below.

\_

Me Other

Put your middle or index fingers on the E and I keys of your keyboard. Words presenting the categories at the top will appear one-by-one in the middle of the screen. When the item belongs to a category on the left, press the E key; when the items belong to the category on the right, press the I key. Items belong to only one category. If you make an error, an X will appear – fix the error by hitting the other key.

This is a timed sorting task. GO AS FAST AS YOU CAN while making as few mistakes as possible. Going too slow or making too many errors will result in an uninterpretable score. This task will take about 5 minutes to complete.

Press the SPACE BAR to begin.

**Appendix G**

**Debrief**

Thank you very much for participating today.

You were told that the purpose of today’s study is to measure differences in cognitive style. However, what the experiment is truly measuring is differences in the spread of aggression in different groups of people. By manipulating how we referred to your identity (Sussex student/ student) we wanted to see whether this would influence how likely you would exhibit signs of aggression, after listening to the audio.

The study anticipates that the spread of aggression is more likely if those acting aggressive are from the same identity group as you. When those acting aggressive are from an ‘outgroup’, we expect this effect to weaken.

If you were referred to as a ‘student’ and the aggressive sound was labelled as ‘Brighton students’ or ‘Sussex students’, these conditions are considered ‘in-group’ (students in both cases). This is the same for the case of being measured as a ‘Sussex student’ and the noise being labelled ‘Sussex students’. This gives us a total of 3 ‘in-group’ conditions.

However, if you were labelled ‘Sussex student’ and the noise was labelled ‘Brighton students’ then the source of the noise is labelled as an ‘outgroup’ (two different universities) and so we would expected attenuated aggression in this condition compared to the others.

Furthermore, you were told the sound that you were exposed was either ‘Brighton University students’ or ‘Sussex University students’ at a national demo, when in fact it was a compilation of aggressive crowd sounds from various student protests and sound effects, sourced on YouTube. You were not told the true purpose of the study in order to gain more truthful results and data.

Please contact Emily Street (researcher) at the following e-mail address; es382@sussex.ac.uk if you have any questions regarding this study.

If however, you have any queries to do with the conduction of the study, please contact John Drury (supervisor) at j.drury@sussex.ac.uk

Thank you again for your time ☺