

# FORM A: ETHICS REVIEW CHECKLIST FOR RESEARCH WITH HUMAN PARTICIPANTS

This checklist should be completed for every research project involving human participants in order to identify whether a full application for ethics approval needs to be submitted to one of the University Ethics Sub-Committees. The principal investigator or, where the principal investigator is a student, the supervisor, is responsible for exercising appropriate professional judgement in this review.

Section 1: Project details			
Project title:	Categorisation of Videos on Compressed Data Sources		
Brief synopsis of study: (no more than 250 words)	<p>Video classification, which involves using algorithms to automatically categorise videos, has gained significant attention in recent years due to the success of deep learning models. The large increase in the amount of video content utilised on the internet has further highlighted this as a significant area of research. Despite this, modern state-of-the-art solutions struggle to provide an efficient solution for video categorisation. Most video content available on the internet is in a compressed format, but almost all models are trained to use uncompressed data. By utilising compressed data, we can vastly reduce the amount of data handled. This project looks at the effects in terms of efficiency and accuracy of utilising compressed data for video classification.</p> <p>Data: <i>Something-something dataset</i> containing videos showing hands performing certain actions. It is a secondary open-access dataset made available by Qualcomm AI Research for non-commercial research. The licence has a non-redistribution clause, and hence no part of the data will be submitted with the dissertation. Instead, the dataset's official repository will be referenced as is standard practice with open-access datasets. There are not ethical concerns because: 1) the videos do not feature any personally identifiable information focusing on showing hands; 2) the videos are of staged actions and the data collection process involved consenting "crowdworker" participants.</p>		
Planned start date:	08/01/2023	Planned end date:	08/01/2024
Funder:	n/a (MSc dissertation project)		
Do you have prior approval?	No		
If so, please state where from	n/a		

Section 2: Applicant details			
Applicant name and username:		Samuel George Brightman	
Department:		Department of Computer Science	
Email:		sgb52@bath.ac.uk	
Undergraduate <input type="checkbox"/>	Masters <input checked="" type="checkbox"/>	Research Postgraduate <input type="checkbox"/>	Staff <input type="checkbox"/>

(NB: If you have prior ethical approval from the NHS, SCREC or a UK academic institution, please sign this checklist and attach evidence of that approval. There is no need to complete any more questions.)

3(A) Research that may need full review by a University of Bath Ethics Sub-Committee	YES	NO
Do you and/or your supervisor intend to submit your results for publication to the wider	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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research community (other than in your dissertation) where evidence of ethical approval is required?		
Does the project involve the collection of material that could be considered of a personal, biographical, medical, psychological, social or physiological nature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the research involve vulnerable groups: e.g. children; those with cognitive impairment; or those in unequal relationships (e.g. your own students)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the study require the cooperation of a gatekeeper for initial access to the groups or individuals to be recruited (e.g. headmaster at a School; group leader of a self-help group)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will it be necessary for participants to take part in the study without their knowledge and consent at the time? (e.g. covert observation of people in non-public places?)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the study involve discussion of sensitive topics (e.g. sexual activity; drug use; criminal activity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is pain or more than mild discomfort likely to result from the study?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Could the study induce psychological stress or anxiety or cause harm or negative consequences beyond the risks encountered in normal life?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the study involve prolonged or repetitive testing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the research involve organisational administrative or secure data that requires permission from the appropriate organisation/authorities before use (data that is not in the public domain)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the research involve participants carrying out any of the research activities themselves (i.e. acting as researchers as opposed to just being participants)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is there a possibility that the safety of the researcher may be in question (e.g. international research; locally employed research assistants)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will personal data be transferred to/from the UK (including to/from the EEA?)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the outcome of the research allow respondents to be identified either directly or indirectly (e.g. through aggregating separate data sources gathered from the internet)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will research involve the sharing of data or confidential information beyond the initial consent given?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will financial inducements (other than reasonable expenses and compensation for time) be offered to participants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the proposed findings be controversial or are there any conflicts of interest?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the study involve the publication, sharing or potentially insecure electronic storage and/or transfer of data that might allow identification of individuals, either directly or indirectly? (e.g. publication of verbatim quotations from an online forum; sharing of audio/visual recordings; insecure transfer of personal data such as addresses, telephone numbers etc.; collecting identifiable personal data on unprotected** internet sites.) [**Please note that Qualtrics provides adequate data security]	<input type="checkbox"/>	<input checked="" type="checkbox"/>

3(B) Security Sensitive Material	YES	NO
Does your research involve access to or use of material covered by the Terrorism Act?  (The Terrorism Act (2006) outlaws the dissemination of records, statements and other documents that can be interpreted as promoting and endorsing terrorist acts. By answering 'yes' you are registering your legitimate use of this material with the Research Ethics Advisory Group. In the event of a police investigation, this registration will help you to demonstrate that your use of this material is legitimate and lawful).	<input type="checkbox"/>	<input checked="" type="checkbox"/>

3(C) Prevent Agenda	YES	NO
Does the research have the potential to radicalise people who are vulnerable to supporting terrorism or becoming terrorists themselves?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If the answer to all questions in Sections 3(A) and/or 3(B) and/or 3(C) is 'no', please complete a an EIRA1 submission for review within the Department of Computer Science, and attach this form to your EIRA1 submission.

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If the answer to any questions in Sections 3(A) and/or 3(B) and/or 3(C) is 'yes', please complete the full application form for an appropriate University Ethics Sub-Committee and send it to the sub-committee secretary, together with required supporting documentation.

## Section 4: Declaration and signatures

Please note that it is your responsibility to follow, and to ensure that, all researchers involved with your project follow accepted ethical practice and appropriate professional ethical guidelines in the conduct of your study. You must take all reasonable steps to protect the dignity, rights, safety and well-being of participants. This includes providing participants with appropriate information sheets, ensuring informed consent and ensuring confidentiality in the storage and use of data.

<b>Applicant signature</b>		<b>Date</b>	06/06/2023
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<b>Supervisor name</b>	Dr Nadejda Roubtsova	<b>Date</b>	29/06/2023
<b>Supervisor signature</b>	NADEJDA ROUBTSOVA		