

Participant Information and Consent Form

Dataset Title

"Hand Skeleton Tracking and Hand Gesture Recognition Dataset (2D)"

Description and Purpose of the Dataset

The Uppsala Social Robotics Lab (USR-Lab) aims to create three curated datasets of hand gesture videos accompanied by frame-level annotations of the hand's skeleton. The purpose of these datasets is to facilitate teaching and research in the domain of deep learning. For this we would like to use the *anonymized* videos that you have submitted in fulfillment of assignment 1. The three datasets are:

1. A *public dataset* containing videos that were aggregated over several years. Its purpose is to facilitate the development of machine learning models for hand gesture recognition and skeleton tracking from a single 2D consumer-grade webcam. The dataset will be shared with the general public and participation in it is voluntary.
2. A *USR-Lab dataset* containing videos that were aggregated over several years. Its purpose is to facilitate the teaching of deep learning methods, and it will be shared with students and researchers at Uppsala University. Participation is, again, voluntary.
3. A *IIS-Course dataset* containing videos that were aggregated from all students currently participating in the courses 1MD032 and 1MD039. Its purpose is to enable you to complete the final project in the respective course. It will be shared with all students in these two courses and participation is mandatory.

General Data Protection Regulation (GDPR) Statement

The controller of this dataset is Uppsala University. The responsible for the collected data is *Ginevra Castellano* [*ginevra.castellano@it.uu.se*]. According to the EU's General Data Protection Regulation (GDPR) you have the right to request your stored personal data free of charge. You can also request the correction and deletion of your personal data or limit the usage of it.

Contact Details

If you have any further questions about the datasets or other concerns, please contact *Ginevra Castellano* [*ginevra.castellano@it.uu.se*]. In addition, you may contact Uppsala University's data protection officer by email at *dataskyddsbud@uu.se*. If you are not satisfied with how your personal data is processed, you have the right to file a complaint with the supervising authority Datainspektionen.

Fair Processing Statement

Information collected as part of this dataset will be used to inform the development of systems capable of detecting and tracking hand motion and gestures. Any personal information will be securely processed and securely stored.

Consent to Publishing Data

The following two statements are **optional**, and your participation is voluntary.

- ☒ I agree that the *anonymized* video recordings and their annotations are added to the USR-Lab dataset. The dataset will be available to the UU community to support teaching and research.
- ☒ I agree that the *anonymized* video recordings and their annotations are added to a public dataset. The dataset will be freely available to the general public and will aid the development of techniques for hand skeleton and hand gesture recognition.

Statements of Understanding and Consent

The following two statements are **required**.

- ☒ I have read and understood the information above.
- ☒ I understand that the *anonymized* video recordings and their annotations are added to the IIS-Course dataset. The dataset will be available to students in the two currently running Interactive Intelligent Systems courses (1MD032 and 1MD039) to allow them to complete the final project.

November 8th, 2021

Vu Ho Tran Anh

Date

Name

Vu

Signature