Instruction for annotators: Video segment selection using LosslessCut

1. Initial Setup

Step 1: Folder creation

- Create a specific folder for each working video.
    - The folder name should be in the format: `xxx_s1_ep1` (replace `s1` and `ep1` with the appropriate session and episode numbers).
- Example:
    - For session 2, episode 3, name the folder `xxx_s2_ep3`.
- **All video segments and the timestamps CSV file** must be saved under this specific folder.

Step 2: Download LosslessCut
- Go to the official [LosslessCut GitHub page](#) and download the appropriate version for your operating system (Windows, macOS, or Linux).
- Follow the installation or setup instructions for your platform if required. LosslessCut may be available as a portable app (e.g., AppImage for Linux, or a standalone executable for Windows/macOS), which can be run directly without installation.

Step 3: Get familiar with the LosslessCut interface

- Familiarize yourself with the interface by reading ["Typical workflow" on Github:](#)
    - Main functions:
        - Drag drop a video file into the player.
        - Press SPACE to play/pause or ◄ ►, ,. to seek back/forth.
        - Select the cut segment's start and end time by moving the time marker and then pressing I to set start time, and O to set end time.

It's recommended to try segmenting a small amount of video clips first and check out before starting cutting in batches.

2. Using LosslessCut for Video Clip Selection

Main task: You will watch the video on the interface provided by LosslessCut, then select the utterances that you think are sarcastic. To pair with each sarcastic utterance, you should also choose another sincere utterance from the same speaker.
During the segmenting, the best segment contains the complete speech of one speaker (instead of "我到剧场报名演出，老板只看了我一眼，当场签约，我刚签完字，他就让…", the complete

speech includes: "我到剧场报名演出，老板只看了我一眼，当场签约，我刚签完字，他就让助理给我买500万的人身意外保险，这个老板太有经济头脑了，只要是出点啥事儿，我就是天使轮"), and please avoid background and laugh sounds from the audience (cut the video segment right after the speech finished, laugh normally appears after the speech). The utterance should contain a complete conversation meaning (instaed of "要是出点啥事儿，我就是天使轮", you can include more conversational information like "我到剧场报名演出，老板只看了我一眼，当场签约，我刚签完字，他就让助理给我买500万的人身意外保险，这个老板太有经济头脑了，只要是出点啥事儿，我就是天使轮。").

Step 1: Load the video and set up the dir

- Open **LosslessCut**.
- Drag and drop the video file into the LosslessCut interface.
- Press the `Working dir unset` button to direct the save dir to your predefined folder.

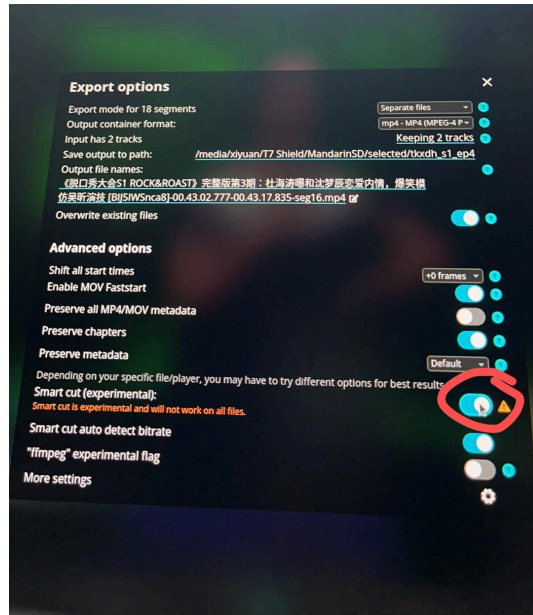**Step 2: Watch and select clips**

- Play the video using the interface controls.
- **Identify and mark clips** as follows:
  - **Sarcastic utterance**:
    - When you find a sarcastic utterance, mark the start with theI key or the "Start Cut" button.
    - Continue playback until the end of the utterance and mark it with theO key or "End Cut" button.
  - **Sincere utterance (Pair)**:
    - Find a sincere utterance from the same speaker (does not need to be directly before or after the sarcastic utterance).
    - Repeat the marking process using theI and O keys.
- **Important sequence**: Ensure the order of segments is:
  - 1st clip - Sarcastic
  - 2nd clip - Sincere
  - 3rd clip - Sarcastic
  - 4th clip - Sincere
  - …

  So the sequence of selected segments is: The 1st utterance is sarcastic, then the 2nd is sincere; The 3rd is sarcastic and 4th is sincere… it should be kept in this order. So that after the selection, we can gather the odd numbers for "sarcastic utterance", and even numbers for "sincere utterance"

- (Optional) **Delete selected segment**: The selected video segments will appear on the right sidebar. If you want to delete the segment, go to the right sidebar, click the segment and right click to select "Remove segment".

Step 3: Export clips

- Once you have marked your clips:
  - Click the **"Export"** button to show an overview with export options.
  - Make sure to use the predefined folder (e.g., `tkxdh_s1_ep1`) to save the clips.
  - Turn on **"Smart Cut"** to enhance the accuracy of cutted segments.

  - Then press "**Export**" again to confirm the export.
- **Double-check** that the number of video clips is correct and matches your selections.

Step 4: Export timestamps file

- In LosslessCut, go to the **File menu** for timestamps data:
  - Choose **"Export project" and then "Timestamps(CSV)"** to generate a file containing the timestamps of all clips.
  - Save this file to the same folder.

3. Quality Check and Upload

Step 1: Review segments and timestamps

- Play each exported video clip to ensure it contains the intended utterance.
- Confirm that the clips follow the correct order (odd-numbered clips should be sarcastic, even-numbered clips should be sincere).
- Ensure the timestamps file is complete and accurate (check the number is it's accorded with the selected segments).

Step 2: Upload the folder

- Once all segments are correctly exported and reviewed, upload the entire folder to the specified Google Drive folder for sharing.

4. Recommendations for annotators

- Start with a small number of video cuts to ensure you understand the process and receive feedback before proceeding with larger batches.
- Reach out if you encounter any issues or have questions about marking and exporting clips.

5. Troubleshooting