Social Coding Analysis:

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This program requires both the SocialCodingAnalysis.m file and the SocialCodingAnalysis.fig

The .m file contains the script commands

The .fig file contains the graphical layout

**Editing Behavior Codes:**

To edit the buttons, click on the text box of the button and change the behavior code.

These buttons will be saved in a file "shann.mat" that will load upon the next session.

It is recommended to do this before beginning a coding session.

**To Start the Program:**

Click on “Load Video” and select an MP4 video file. For slower computers, a smaller length video clip is recommended.

**To Begin Playback:**

Click on the Play Button once it changes from dark grey to light grey. Once the trial segment of the video begins, click on the "Video Start Time" button to indicate the onset of the experimental trial. The value logged by the “Video Start Time” button will determine the time interval before the first occurrence of any given behavior.

**Behavior Textbox:**

Behaviors Codes are stored in the Bottom Right textbox.

To clear the textbox, click “Clear History.”

Clicking on a button will log the Behavior Code and Time within the History Box.

Clicking on an entry in the Behavior Textbox will seek the video to the time of the logged behavior.

**To Save Coding Session:**

To Save the Behavior History File, click on "Save File." This will write a text file containing the behavior codes.

The first file created will contain each behavior onset and offset.

The second file created, "SUM\_filename.txt" will generate a comma delimited file that contains summary demographics of all behaviors recorded. This file can be opened in Microsoft Excel.

**Navigating Around Video:**

To Stop video, click on the “Stop” button. To resume playback, click on the “Play” button. To Alter the playbackspeed, adjust the playback delay slider.

To jump to a specific frame in the video, enter in a frame number in the “Jump to Frame” textbox and click Jump. To navigate using the video progress bar, click “Stop”, adjust the slider, and then click “Play” to resume.