

# SID: Experiment Design

- Quiz:
  - Undistorted speech
  - Provided feedback to listener about state of training
  - Familiarized listener with test process

# SID: Experiment Design

first\_try

Kari Dennis

Melissa Thomas

Lamy Rachel

Now playing 5 of 6.

Please select the person who is speaking.

Play Again Stop Audio Check Answer

# SID: Experiment Design

first\_try

Keri

Dennis

Melissa

Thomas

Lamy

Rachel

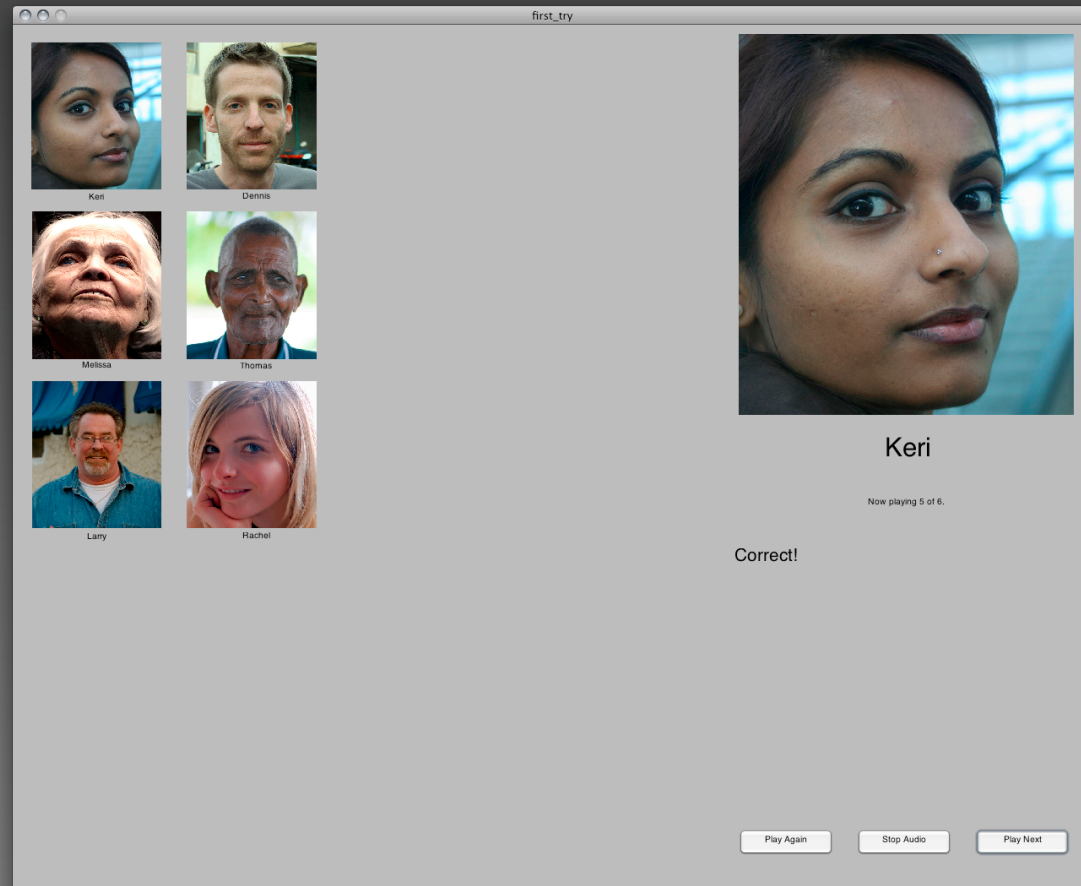
Keri

Now playing 5 of 6.

Please select the person who is speaking.

Play Again Stop Audio Check Answer

# SID: Experiment Design



# SID: Experiment Design

first\_try

Kari Dennis

Melissa Thomas

Lamy Rachel

Now playing 6 of 6.

Please select the person who is speaking.

Play Again Stop Audio Check Answer

# SID: Experiment Design

first\_try

Kari Dennis

Melissa Thomas

Larry Rachel

Larry

Now playing 6 of 6.

Please select the person who is speaking.

Play Again Stop Audio Check Answer

# SID: Experiment Design

first\_try

Kari Dennis

Melissa Thomas

Lamy Rachel

Dennis

Now playing 6 of 6.

Incorrect. The correct answer is shown above.

Play Again Stop Audio Play Next

# SID: Experiment Design

- Test sessions
  - Similar to the quiz session, but with no feedback
  - Three test sessions
  - Each clip length had its own session (sentences were first, then four digit clips, then two digit clips)
  - Same interface for all three clip lengths



# SID: Experiment Design

first\_try

Kari Dennis

Melissa Thomas

Lamy Rachel

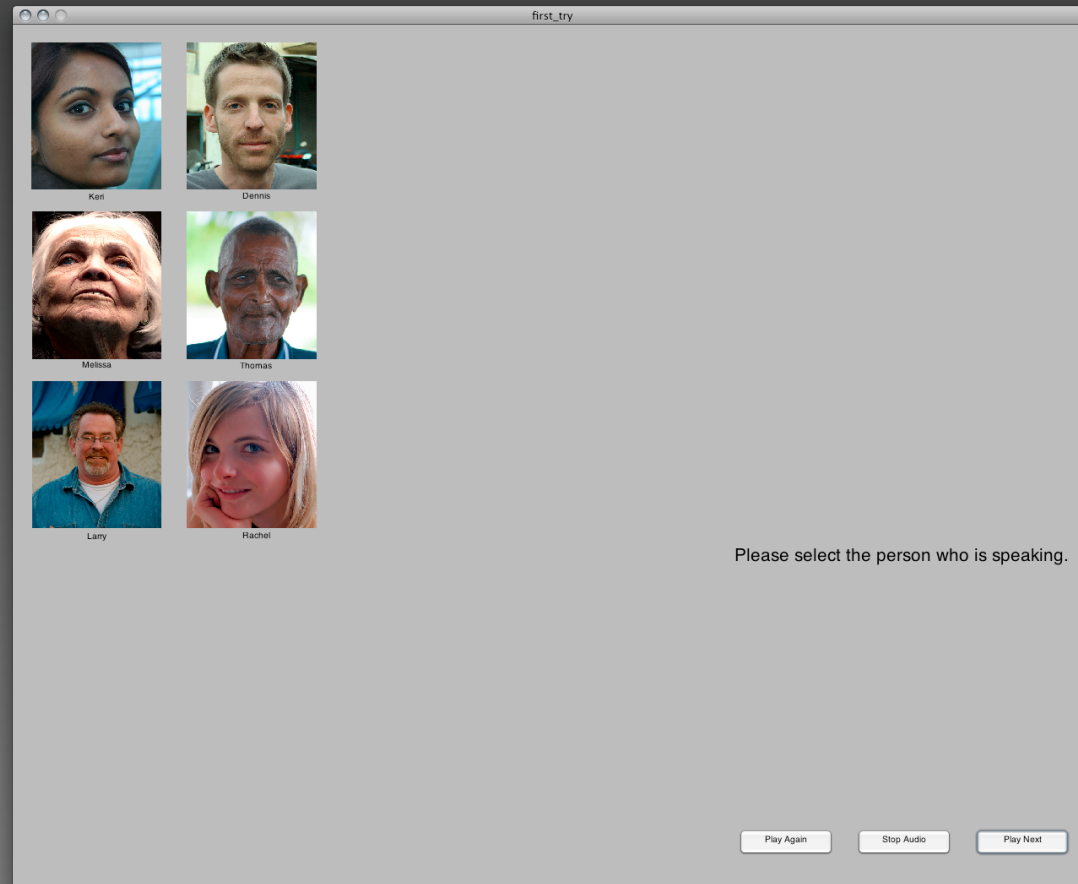
Please select the person who is speaking.

Play Again Stop Audio Play Next

# SID: Experiment Design

The screenshot shows a web-based experiment interface titled "first\_try". On the left, there is a 3x2 grid of small portrait images of six individuals: Kari, Dennis, Melissa, Thomas, Lamy, and Rachel. On the right, a larger portrait of Thomas is displayed. Below the large portrait, the name "Thomas" is written, followed by the text "Now playing 1 of 72." and the instruction "Please select the person who is speaking." At the bottom right, there are three buttons: "Play Again", "Stop Audio", and "Play Next".

# SID: Experiment Design



# SID: Experiment Design

first\_try

Kari Dennis

Melissa Thomas

Lamy Rachel

Rachel

Now playing 2 of 72.

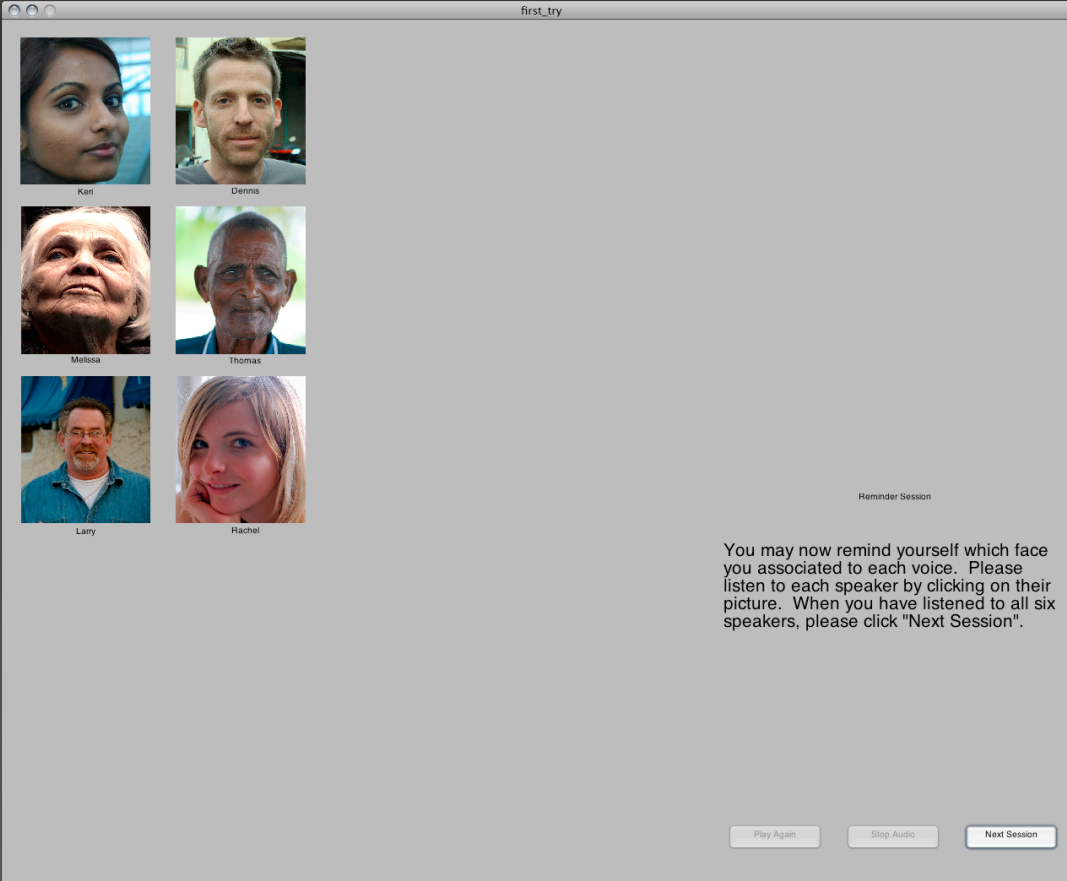
Please select the person who is speaking.

Play Again Stop Audio Play Next

# SID: Experiment Design

- Reminder sessions
  - Designed to keep the effects of mid-test mistraining from tainting results of next session
  - Clips representative of those to be heard in the next session were used
  - Listeners had to listen to each speaker at least once

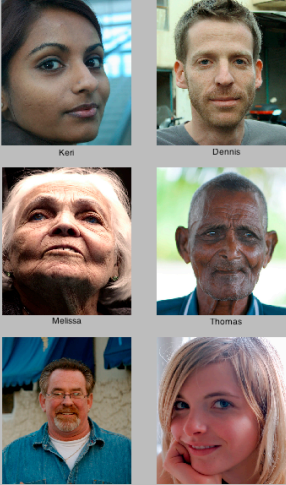
# SID: Experiment Design




The screenshot shows a web application window titled "first\_try". On the left side, there is a 3x2 grid of six speaker portraits, each with a name label below it: Kari, Dennis, Melissa, Thomas, Lamy, and Rachel. On the right side, there is a "Reminder Session" section with the following text: "You may now remind yourself which face you associated to each voice. Please listen to each speaker by clicking on their picture. When you have listened to all six speakers, please click 'Next Session'." At the bottom right, there are three buttons: "Play Again", "Stop Audio", and "Next Session".

# SID: Experiment Design

first\_try



Kari  
Dennis  
Melissa  
Thomas  
Larry  
Rachel



Larry

Reminder Session

You may now remind yourself which face you associated to each voice. Please listen to each speaker by clicking on their picture. When you have listened to all six speakers, please click "Next Session".

Play Again   Stop Audio   Next Session

# SID: Experiment Design

first\_try

Kari Dennis

Melissa Thomas

Lamy Rachel

Melissa

Reminder Session

You may now remind yourself which face you associated to each voice. Please listen to each speaker by clicking on their picture. When you have listened to all six speakers, please click "Next Session".

Play Again Stop Audio Next Session