**Prosody Battery**

|  |  |  |  |
| --- | --- | --- | --- |
| TOTAL # of Audio Files \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |
| Sustained Ah | 🞏 | EP with cues | 🞏 |
| DDK | 🞏 | EP w/out cues | 🞏 |
| *Cookie Theft:*  New  Old | 🞏  🞏 | Sentence Repetition | 🞏 |
| *Laptop Used:*  #1 (Pink) | 🞏 | #2 (Purple) | 🞏 |

**\*\*\*\*PUT PATIENT CODE AND DATE (INCLUDING YEAR) ON EVERY SINGLE PAGE\*\*\*\***

Time point: \_\_\_\_\_\_\_\_ Dx: RH LH Bilateral TIA Control Other Sex: \_\_\_\_\_\_ Race: \_\_\_\_\_\_\_\_\_\_ Age: \_\_\_\_\_\_\_\_ DOB: \_\_\_\_\_\_\_\_\_\_\_\_\_

Handedness (Pre-Stroke): \_\_\_\_\_\_\_\_ Education: \_\_\_\_\_\_\_\_\_\_\_\_

\* If participant is on precautions or has an evident communicable disease (even a cold), record the Production tasks in Audacity on the laptop and do not use the microphone/headphones. But still test the participant.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **COMPREHENSION TASKS** | | | | | |
| **Task** | **Raw Score** | | **%** | | |
| **Recognition of Emotion (nonwords) Initial:( \_\_/50); Post-Training:( \_\_/25)** | Initial: | Post-Training: | Initial: | | Post-Training: |
| *Happy Initial: ( \_\_10) Post-Training: ( \_\_5)* | (\_\_10) | (\_\_5) |  | |  |
| *Sad* |  |  |  | |  |
| *Angry* |  |  |  | |  |
| *Afraid* |  |  |  | |  |
| *Surprised* |  |  |  | |  |
| **Recognition of Emotion (words) Initial: ( \_\_/48) Post-Training: ( \_\_/24)** |  | |  | | |
| *Happy* |  | |  | | |
| *Sad* |  | |  | | |
| *Angry* |  | |  | | |
| *Afraid* |  | |  | | |
| *Surprised* |  | |  | | |
| *Bored* |  | |  | | |
| **Recognition of Acoustic Features** |  | |  | | |
| *Trial 1 ( \_\_\_/9)* |  | |  | | |
| *Trial 2 ( \_\_\_/9)* |  | |  | | |
| *Trial 3 ( \_\_\_/9)* |  | |  | | |
| **Recognition of Prosodic Features ( \_\_\_/48)** |  | |  | | |
| **Matching Features with *Emotions ( \_\_/12)*** |  | |  | | |
| **Emotion Synonym Matching Part 1 ­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Initial: ( \_\_/24) Post-Training: ( \_\_/12)** | Initial: | Post-Training: | Initial: | Post-Training: | |
| *Anger Initial: ( \_\_4) Post-Training: ( \_\_2)* | (\_\_4) | (\_\_2) |  |  | |
| *Sadness* |  |  |  |  | |
| *Surprise* |  |  |  |  | |
| *Disgust* |  |  |  |  | |
| *Joy* |  |  |  |  | |
| *Afraid* |  |  |  |  | |
| **Emotion Synonym Matching 2** *Initial: ( \_24) Post-training: ( \_12)* |  |  |  |  | |
| **Emotion Semantics ( \_\_\_/20)** |  | |  | | |
| **Facial Expression ( \_\_\_/40)** |  | |  | | |
| *Happy ( \_\_\_/8)* |  | |  | | |
| *Sad ( \_\_\_/8)* |  | |  | | |
| *Surprised ( \_\_\_/8)* |  | |  | | |
| *Disgusted ( \_\_\_/8)* |  | |  | | |
| *Angry ( \_\_\_/8)* |  | |  | | |
| **Boston Naming Test – Short Form (\_\_\_60)**  (left-handed participants) |  | |  | | |
|  | | | | | |
| **PRODUCTION TASKS** | | | | | |
| **Task** | **Raw Score** | | **%** | | |
| **Emotion Production without Cues** | --- | | CV% \_\_\_\_\_ | | |
| **Emotion Production with Cues** | --- | | CV% \_\_\_\_\_ | | |
| **Repetition of Sentences – Initial** ( \_\_\_/24) | Subjective Score: | | CV% \_\_\_\_\_ | | |
| Repetition of Sentences – Training ( \_\_\_/10) | Subjective Score: | | --- | | |
| Repetition of Sentences – Post-Training ( \_\_\_/12) | Subjective Score: | | CV% \_\_\_\_\_ | | |
| **Old Cookie Theft** |  | |  | | |
| *Word Count* |  | | --- | | |
| *Syllable Count* |  | | --- | | |
| *Total Speaking Time (seconds)* |  | | --- | | |
| *Total Content Units:*  *Left Content Units* |  | | --- | | |
| *Right Content Units* |  | | --- | | |
| *Ratio Left/Right Content Units* |  | | --- | | |
| *Total Interpretive Content (Interpretive CU/Total CU x 100%* | --- | |  | | |
| *Syllables/CU:* |  | | --- | | |
| **New Cookie Theft (ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)** |  | |  | | |
| **Additional Tasks** | | | | | |
| **Stroke Patient Questionnaire** |  | | --- | | |
| **Anosognosia Questionnaire** |  | | --- | | |
| **Stroke Patient Companion Questionnaire** |  | | --- | | |
| **IRI – Companion Questionnaire** |  | |  | | |
| Empathic Concern (EC) |  | | --- | | |
| Perspective Taking (PT) |  | | --- | | |

|  |  |
| --- | --- |
| **NEGLECT** | |
| **Task** | **Score** |
| **Scene Copy**  Perseveration?  **☐** |  |
| *Number of Left Tree Errors* |  |
| *Number of House Errors* |  |
| *Number of Right Tree Errors* |  |
| *Number of Fence Errors* |  |
| *Viewer Centered: Left Side of Page* | # of errors: \_\_\_\_\_ / 16 \_\_\_\_ % Incorrect |
| *Viewer Centered: Right Side of Page* | # of errors: \_\_\_\_\_ / 20 \_\_\_\_ % Incorrect |
| *Stimulus Centered: Left Side of Stimuli* | # of errors: \_\_\_\_\_ / 14 \_\_\_\_ % Incorrect |
| *Stimulus Centered: Right Side of Stimuli* | # of errors: \_\_\_\_\_ / 14 \_\_\_\_ % Incorrect |
| Total Score (\_\_\_\_/36) |  |
| Center of Cancellation Score | Egocentric:  Allocentric: |
| **Line Bisection** |  |
| % Deviation – Center |  |
| % Deviation - Right |  |
| % Deviation - Left |  |
| **Triangle Discrimination** Perseveration?  **☐** |  |
| Number Incorrect (Errors or Missing) – Left Side of Page |  |
| Number Incorrect (Errors or Missing) – Right Side of Page |  |
| Number Incorrect (Errors or Missing) – Left Side of Triangle Distortions |  |
| Number Incorrect (Errors or Missing) – Right Side of Triangle Distortions |  |
| Center of Cancellation Score | Egocentric:  Allocentric: |
| **Circle Discrimination** Perseveration?  **☐** |  |
| Number Incorrect (Errors or Missing) – Left Side of Page |  |
| Number Incorrect (Errors or Missing) – Right Side of Page |  |
| Number Incorrect (Errors or Missing) – Circles with Left Side Gaps |  |
| Number Incorrect (Errors or Missing) – Circles with Right Side Gaps |  |
| Center of Cancellation Score | Egocentric:  Allocentric: |
| **Letter Cancellation** |  |
| Number Incorrect (Errors or Missing) – Left Side of Page |  |
| Number Incorrect (Errors or Missing) – Right Side of Page |  |
| Center of Cancellation Score | Egocentric: |

**Prosody and Neglect Battery Checklist**

**After Visit**

**Prosody**

* Create Patient folder in Hillis drive (Patient Data\_MRI\_CognitiveTesting -> “R Hemisphere”
  + Create subfolder for specific time point (acu for acute; 3m for 3 month follow up; 6m for 6 month follow up; 1y for one year follow up)
* Add audio recordings to participant’s file in appropriate time point:
  + Old Cookie Theft
  + New Cookie Theft (Only if not recorded on ipad)
  + Emotion Production without cues
  + Emotion Production with cues
  + Repetition of Sentences
  + Repetition of Sentences - Repeated
* Analyze audio recordings using Praat and CV excel sheet
* Input CV data into scoring rubric
* Input scores into patient database
* **Input scores into RH Prosody Excel Sheet (Hillis Drive -> 01\_New RH Prosody Battery 11\_18\_17 -> Scoring -> RH Patient Score Summary)**

**Language**

* Analyze old cookie theft audio recording using Content Unit rubric
  + Put rubric into folder and tell Shannon
* Input scores into patient database
* **Input scores into RH Prosody Excel Sheet (Hillis Drive -> 01\_New RH Prosody Battery 11\_18\_17 -> Scoring -> RH Patient Score Summary)**

**Neglect**

* Score Neglect Battery
* Input scores into patient database
* **Input scores into RH Prosody Excel Sheet (Hillis Drive -> 01\_New RH Prosody Battery 11\_18\_17 -> Scoring -> RH Patient Score Summary)**

**Reminders:**

* Fill out Patient Information packet
* File original Informed Consent form
* Enter patient information into both Enrollment Logs
* Add/edit patient information into database

**NEW COOKIE THEFT**

Complete new cookie theft on ipad. However, if ipad is not available. Record cookie theft in Audacity. At beginning of recording state the participant’s code, the date, the time point, and the test (“new cookie theft”).

Save file in “Prosody Battery Audio Recordings” file on desktop of laptop with this naming convention:

Participantcode\_ctn\_group\_sex\_monthdayyear\_timepoint

See “Prosody Battery Audio Naming Instructions” Sheet on page 28 of Prosody Battery for specific naming instructions.

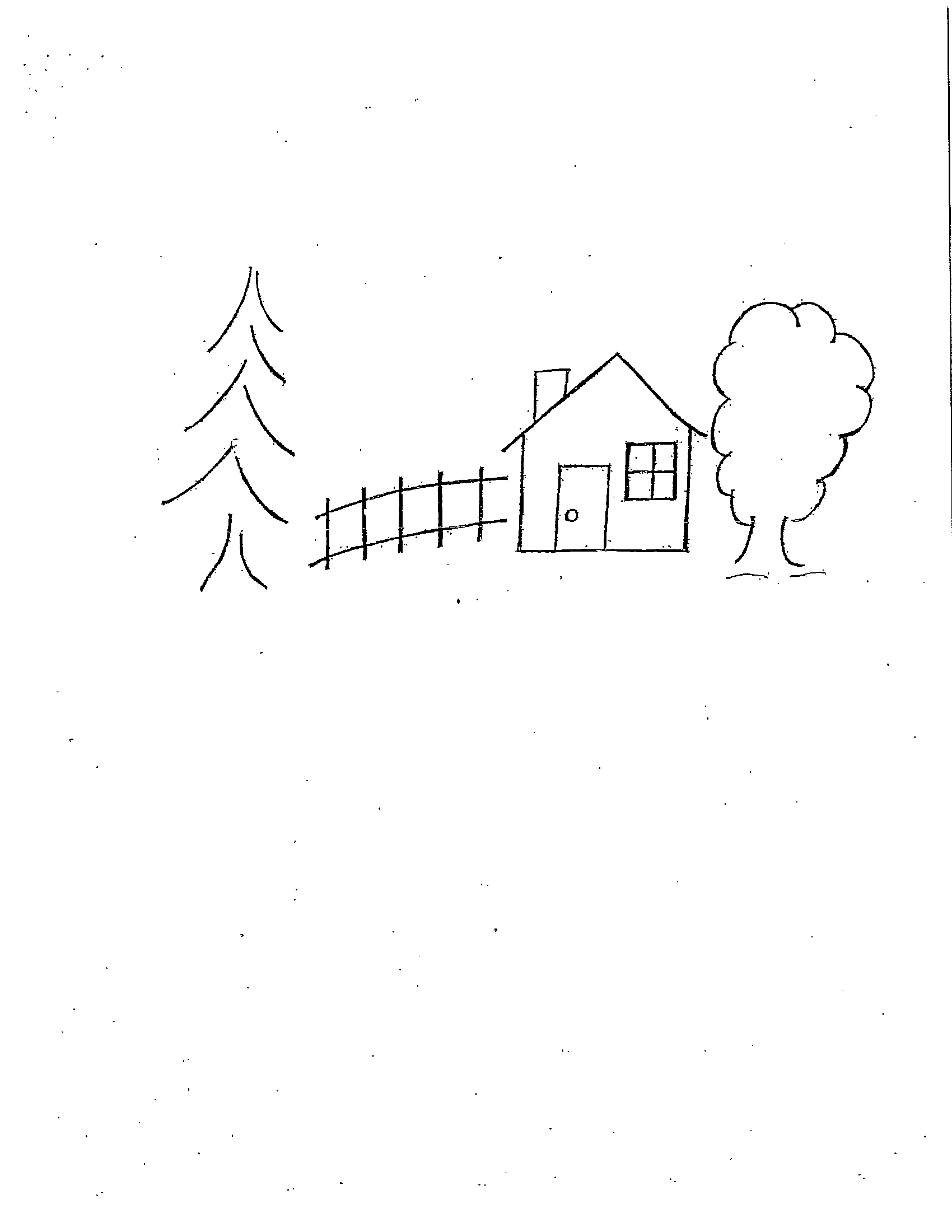
* Time point will either be: \_acu (acute initial visit), \_3m (follow up at 3 months), \_6m (follow up at 6 months), or \_1Y (1 year follow up)

**Scene Copy**

*Instructions:* Say to participant, "Please copy the scene in the blank space below. You may move your eyes from side to side, but do not move your head."

Be sure to place paper in center of field of view/attention at midline. If participant moves head be sure to remind them not to move their head. Make a note below on the scene copy sheet if they do move their head.

**\* If participant appears to have neglect on this test, be sure to place all subsequent materials within their field of view/attention.**

****

**Recognition of Emotion - words**

*Prompt*: “You are going to hear a series of sentences. For each sentence select the word that best describes the speaker’s tone of voice.”

*Scoring:* 2pts each

Below put a check mark next to each feature the participant correctly mentions. If they make an error, write their response next to each item below.

The experimenter can remind the participant several times that they should focus on emotional tone of voice NOT the content of the sentence.

Once you press “enter” on the first stimulus slide, the rest of the stimuli is timed, you will just need to advance to the next slide after the participant responds.

**DO NOT PROVIDE FEEDBACK ON THIS SUBTEST**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Correct Response** | **Earned Points**  **( \_\_/2)** | **Write incorrect responses here** | **Correct Response** | **Earned Points**  **( \_\_/2)** | **Write incorrect responses here** |
| 1. Happy ( /2) |  |  | 13. Sad ( /2) |  |  |
| 2. Sad ( /2) |  |  | 14. Bored ( /2) |  |  |
| 3. Angry ( /2) |  |  | 15. Angry ( /2) |  |  |
| 4. Afraid ( /2) |  |  | 16. Afraid ( /2) |  |  |
| 5. Surprised ( /2) |  |  | 17. Surprised ( /2) |  |  |
| 6. Bored ( /2) |  |  | 18. Happy ( /2) |  |  |
| 7. Angry ( /2) |  |  | 19. Afraid ( /2) |  |  |
| 8. Surprised ( /2) |  |  | 20. Surprised ( /2) |  |  |
| 9. Sad ( /2) |  |  | 21. Bored ( /2) |  |  |
| 10. Bored ( /2) |  |  | 22. Angry ( /2) |  |  |
| 11. Afraid ( /2) |  |  | 23. Happy ( /2) |  |  |
| 12. Happy ( /2) |  |  | 24. Sad ( /2) |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Emotion** | **Raw Score** | **% Correct** | **Emotion** | **Raw Score** | **% Correct** |
| Happy | \_\_\_/8 |  | Afraid | \_\_\_/8 |  |
| Sad | \_\_\_/8 |  | Surprised | \_\_\_/8 |  |
| Angry | \_\_\_/8 |  | Bored | \_\_\_/8 |  |

**Raw Score** **( /48):** \_\_\_\_\_\_\_\_\_\_\_\_\_ **% Correc**t: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Recognition of Emotion – nonwords (pre-training)**

*Prompt*: Say, “you are going to hear a series of sentences. For each sentence select the word that best describes the speaker’s tone of voice.” *Scoring:* 2pts each

Below put a check mark next to each feature the participant correctly mentions. If they make an error, write their response next to each item below.

Once you press “enter” on the first stimulus slide, the rest of the stimuli is timed, you will just need to advance to the next slide after the participant responds.

**DO NOT PROVIDE FEEDBACK ON THIS SUBTEST**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Correct Response** | **Earned Points**  **( \_\_/2)** | **Write incorrect responses here** | **Correct Response** | **Earned Points**  **( \_\_/2)** | **Write incorrect responses here** |
| 1. Happy ( /2) |  |  | 14. Sad ( /2) |  |  |
| 2. Sad ( /2) |  |  | 15. Afraid ( /2) |  |  |
| 3. Angry ( /2) |  |  | 16. Angry ( /2) |  |  |
| 4. Afraid ( /2) |  |  | 17. Afraid ( /2) |  |  |
| 5. Surprised ( /2) |  |  | 18. Surprised ( /2) |  |  |
| 6. Angry ( /2) |  |  | 19. Happy ( /2) |  |  |
| 7. Happy ( /2) |  |  | 20. Afraid ( /2) |  |  |
| 8. Surprised ( /2) |  |  | 21. Surprised ( /2) |  |  |
| 9. Sad ( /2) |  |  | 22. Sad ( /2) |  |  |
| 10. Happy ( /2) |  |  | 23. Angry ( /2) |  |  |
| 11. Afraid ( /2) |  |  | 24. Happy ( /2) |  |  |
| 12. Angry ( /2) |  |  | 25. Sad ( /2) |  |  |
| 13. Surprised ( /2) |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Emotion** | **Raw Score** | **% Correct** | **Emotion** | **Raw Score** | **% Correct** |
| Happy | \_\_\_/10 |  | Afraid | \_\_\_/10 |  |
| Sad | \_\_\_/10 |  | Surprised | \_\_\_/10 |  |
| Angry | \_\_\_/10 |  |  | | |

**Raw Score** **( /50):** \_\_\_\_\_\_\_\_\_\_\_\_\_ **% Correc**t: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Recognition of Acoustic Features**

*Prompt:* Say “there are many different ways to describe sounds, here are some phrases that can be used.” Read the instructions to the participant.

Give task to participant until they get all items correct (max 3x through). You should **give feedback on incorrect responses.**

Put check marks below for each correct response, write the participant’s response in the appropriate space if they answer incorrectly.

In the Raw Score section include correct responses from previous trials in total – if participant answered an item correctly in a previous trial do not ask them to repeat that correct response for trials 2 and 3.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Correct Response** | **Trial 1** | **Trial 2** | **Trial 3** |
| 1 | *Higher Pitched* |  |  |  |
| 2 | *Lower volume (quiet)* |  |  |  |
| 3 | *Shorter duration* |  |  |  |
| 4 | *Slower rate* |  |  |  |
| 5 | *Faster rate* |  |  |  |
| 6 | *Lower pitch* |  |  |  |
| 7 | *Slower rate* |  |  |  |
| 8 | *Longer duration* |  |  |  |
| 9 | *Higher volume* |  |  |  |
| **TOTAL:** | | | | |
| **Raw Score** | | ( \_\_\_\_/9) | ( \_\_\_\_ /9) | ( \_\_\_\_ /9) |
| **% Correct** | |  |  |  |

Note: When scoring Trials 2 and 3 count items that participant got correct in Trial 1 as correct for Trial 2 and 3.

**Recognition of Prosodic Features**

*Prompt*: Say, “you are going to hear a series of sentences. For each sentence select 2-3 phrases that best describe the speaker’s tone of voice.” *Scoring:* 1pt per correct response; max 2pts per item.

***Below put a check mark above each feature the participant correctly mentions. If they make an error, write their response next to each item below.***

\* **Give feedback on incorrect responses! But still count them as incorrect.**

Once you press “enter” on the first stimulus slide, the rest of the stimuli is timed, you will just need to advance to the next slide after the participant responds.

|  |  |  |
| --- | --- | --- |
| **Prompt (Ask participant to choose features from two options as written below)**  (Circle the participant’s answer. Correct answers in **BOLD**) | **Earned Points**  **( /2)** | **Note any additional incorrect responses here**  **(Note any incorrect responses here)** |
| 25. Happy: **Fast rate** or slow rate? Low pitch or **High pitch?** |  |  |
| 26. Sad: **Slow rate** or fast rate? **Low pitch** or high pitch? Loud or **quiet?** |  |  |
| 27. Angry: Slow rate or **fast rate?** High pitch or **low pitch?**  **Loud** or quiet? |  |  |
| 28. Afraid: Slow rate or **fast rate?**  Loud or **quiet?** |  |  |
| 29. Surprised: **Fast rate** or slow rate? Flat pitch or **rising pitch?** |  |  |
| 30. Bored: Fast rate or **slow rate?** **Flat pitch** or rising pitch? |  |  |
| 31. Angry: Slow rate or **fast rate?** High pitch or **low pitch?**  **Loud** or quiet? |  |  |
| 32. Surprised: **Fast rate** or slow rate? Flat pitch or **rising pitch?** |  |  |
| 33. Sad: **Slow rate** or fast rate? **Low pitch** or high pitch? Loud or **quiet?** |  |  |
| 34. Bored: Fast rate or **slow rate?** **Flat pitch** or rising pitch? |  |  |
| 35. Afraid: Slow rate or **fast rate?**  Loud or **quiet?** |  |  |
| 36. Happy: Slow rate or **fast rate?** Low pitch or **High pitch?** |  |  |
| 37. Sad: **Slow rate** or fast rate? **Low pitch** or high pitch? Loud or **quiet?** |  |  |
| 38. Bored: Fast rate or **slow rate?** **Flat pitch** or rising pitch? |  |  |
| 39. Angry: Slow rate or **fast rate? Low pitch** or high pitch? **Loud** or quiet? |  |  |
| 40. Afraid: Slow rate or **fast rate?**  Loud or **quiet?** |  |  |
| 41. Surprised: **Fast rate** or slow rate? **Rising pitch** or flat pitch? |  |  |
| 42. Happy: Slow rate or **fast rate?** Low pitch or **High pitch?** |  |  |
| 43. Afraid: Slow rate or **fast rate?**  Loud or **quiet?** |  |  |
| 44. Surprised: **Fast rate** or slow rate? Flat pitch or **rising pitch?** |  |  |
| 45. Bored: Fast rate or **slow rate?** **Flat pitch** or rising pitch? |  |  |
| 46. Angry: **Fast rate** or slow rate?High pitch or **low pitch?**  **Loud** or quiet? |  |  |
| 47. Happy: **Fast rate** or slow rate? Low pitch or **High pitch?** |  |  |
| 48. Sad: Fast rate or **slow rate?** **Low pitch** or high pitch? Loud or **quiet?** |  |  |

**Raw Score** **( /48):** \_\_\_\_\_\_\_\_\_\_\_\_\_ **% Correc**t: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Matching Features with Emotions**

*Prompt*: Select 2-3 words that best describe the tone of voice associated with each emotion.

*Scoring:* 1pt per correct response; max 2pts per item.

\* **Give feedback on incorrect responses! But still count them as incorrect.**

Below put a check mark above each feature the participant correctly mentions. If they make an error, write their response next to each item below.

|  |  |  |
| --- | --- | --- |
| **Correct Response**  **(Place checkmark over any correct response)** | **Earned Points**  **( /2)** | **Incorrect Participant Responses**  **(Write any incorrect responses here)** |
| 1. Surprised: fast rate, rising pitch ( /2) |  |  |
| 2. Sad: slow rate, low pitch, quiet ( /2) |  |  |
| 3. Angry: fast rate, low pitch, loud ( /2) |  |  |
| 4. Happy: fast rate, high pitch ( /2) |  |  |
| 5. Bored: slow rate, flat pitch ( /2) |  |  |
| 6. Afraid: fast rate, quiet ( /2) |  |  |

**Raw Score ( /12**): \_\_\_\_\_\_\_\_\_\_\_\_\_

**% Correct**: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Recognition of Emotion Nonwords – Repeated (post-training)**

\* Do not give any feedback during this subtest.

*Prompt*: You are going to hear a series of sentences. For each sentence select the word that best describes the speaker’s tone of voice. *Scoring:* 2pts each

Below put a check mark next to each feature the participant correctly mentions. If they make an error, write their response next to each item below.

Once you press “enter” on the first stimulus slide, the rest of the stimuli is timed, you will just need to advance to the next slide after the participant responds.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Correct Response** | **Earned Points**  **( \_\_/2)** | **Write incorrect responses here** | **Correct Response** | **Earned Points**  **( \_\_/2)** | **Write incorrect responses here** |
| 1. Happy ( /2) |  |  | 9. Sad ( /2) |  |  |
| 2. Sad ( /2) |  |  | 10. Happy ( /2) |  |  |
| 3. Angry ( /2) |  |  | 11. Afraid ( /2) |  |  |
| 4. Afraid ( /2) |  |  | 12. Angry ( /2) |  |  |
| 5. Surprised ( /2) |  |  | 13. Surprised ( /2) |  |  |
| 6. Angry ( /2) |  |  | 14. Sad ( /2) |  |  |
| 7. Happy ( /2) |  |  | 15. Afraid ( /2) |  |  |
| 8. Surprised ( /2) |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Emotion** | **Raw Score** | **% Correct** | **Emotion** | **Raw Score** | **% Correct** |
| Happy | \_\_\_/6 |  | Afraid | \_\_\_/6 |  |
| Sad | \_\_\_/6 |  | Surprised | \_\_\_/6 |  |
| Angry | \_\_\_/6 |  |  |  |  |

**Raw Score** **( /30):** \_\_\_\_\_\_\_\_\_\_\_\_\_ **% Correc**t: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Emotion Synonym Matching – Part 1**

***Part 1*** *Prompt:* The following slides will present a word that represents a basic emotion at the top center location of the screen. Then two other words will appear and your task is to choose the one that is closest in meaning to the word at the top. You can have as much time as you need and to signal your choice point to the word.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Part 1** | | | | | | | |
| **Item** | **Circle Response** | | **Points (\_\_/1)** | **Item** | **Circle Response** | | **Points (\_\_/1)** |
| 1. ANGER | Disgust | **Bitterness** |  | 13. ANGER | **Annoyance** | Joy |  |
| 2. FEARFUL | **Horrified** | Hopeful |  | 14. DISGUST | **Revulsion** | Acceptance |  |
| 3. SADNESS | **Despair** | Hope |  | 15. JOY | **Pleasure** | Affection |  |
| 4. JOY | Sadness | **Happiness** |  | 16. FEARFUL | Amused | **Panicked** |  |
| 5. SURPRISED | **Alarmed** | Intimidated |  | 17. SADNESS | **Sorrow** | Longing |  |
| 6. DISGUST | **Loathing** | Admiration |  | 18. ANGER | Loathing | **Rage** |  |
| 7. JOY | Shock | **Excitement** |  | 19. DISGUST | **Aversion** | Disappointed |  |
| 8. SURPRISED | Annoyed | **Amazed** |  | 20. SURPRISED | Irritated | **Astonished** |  |
| 9. ANGER | Boredom | **Fury** |  | 21. DISGUST | **Repulsion** | Disinterest |  |
| 10. SADNESS | **Depression** | Optimism |  | 22. FEARFUL | **Anxious** | Jealous |  |
| 11. SURPRISED | **Astounded** | Bored |  | 23. SADNESS | Tension | **Grief** |  |
| 12. FEARFUL | **Apprehensive** | Dismayed |  | 24. JOY | Jealousy | **Pride** |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Part 1** | | | | | |
| Emotion | Raw Score | % Correct | Emotion | Raw Score | % Correct |
| Anger | \_\_\_\_ /4 |  | Disgust | \_\_\_\_ /4 |  |
| Sadness | \_\_\_\_ /4 |  | Joy | \_\_\_\_ /4 |  |
| Surprise | \_\_\_\_ /4 |  | Fearful | \_\_\_\_ /4 |  |

**Raw Score ( /24**): \_\_\_\_\_\_\_\_\_\_\_\_\_

**% Correct**: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Emotion Synonym Matching Continued – Part 2**

***Part 2*** *Prompt:* The following slides will present a word that represents a concept in the top center location of the screen. Then two other words will appear and your task is to choose the one that is closest in meaning to the word at the top. You can have as much time as you need and to signal your choice point to the word

*Scoring:* Circle the participant’s response below, place checkmark next to correct responses. 1pt/per correct response (correct responses in bold font).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Part 2 (Concepts)** | | | | | | | |
| **Item** | **Circle Response** | | **Points (\_\_/1)** | **Item** | **Circle Response** | | **Points (\_\_/1)** |
| 1. FAITH | **Belief** | Risk |  | 13. STRONG | Slim | **Tough** |  |
| 2. FAIRNESS | **Justice** | Truth |  | 14. PRETTY | Smart | **Attractive** |  |
| 3. LIBERTY | Friendship | **Freedom** |  | 15. CLEVER | Loud | **Smart** |  |
| 4. KINDNESS | **Compassion** | Health |  | 16. GENTLE | Tough | **Tender** |  |
| 5. FRIENDSHIP | Reality | **Companionship** |  | 17. QUIET | **Silent** | White |  |
| 6. TRUTH | Health | **Honesty** |  | 18. RIGHT | Cheap | **Correct** |  |
| 7. REALITY | Independence | **Fact** |  | 19. MEAN | Expensive | **Cruel** |  |
| 8. RISK | Disaster | **Hazard** |  | 20. WEIRD | **Strange** | Risky |  |
| 9. HUMOR | Love | **Comedy** |  | 21. HAPPY | Quiet | **Cheerful** |  |
| 10. HEALTH | **Fitness** | Humor |  | 22. EXPENSIVE | **Costly** | Wrong |  |
| 11. QUICK | **Fast** | Cheap |  | 23. SAFE | **Harmless** | Easy |  |
| 12. BRAVE | **Courageous** | Healthy |  | 24. FORGIVE | Ration | **Pardon** |  |

|  |  |  |
| --- | --- | --- |
| **Part 2** | | |
|  | Raw Score | % Correct |
| Total | \_\_\_\_ /24 |  |

**\*If participant scores 80% or less (19/24) on Part 1 or Part 2 then give the Emotion Semantics subtest, and give feedback for any item they answer incorrectly. Then complete a portion of the Emotion Semantics subtest (as shown in the PowerPoint), and do NOT provide feedback.**

**Emotion Semantics**

*\*Only give this subtest if participant scored less than 80% or less (19/24 or lower) on Part 1 or Part 2 of Emotion Semantics subtests (above).*

**Give feedback on incorrect responses! But still count them as incorrect. Then complete “Emotion Synonym – Repeated” Subtest on next page.**

*Prompt*: “On the following slides you will see a statement describing a situation at the top of the screen. Two emotions will then appear below the statement. Choose the emotion that best describes how you would feel in the given situation. You may have as much time as you need. To signal your choice either say or point to your answer.”

*Scoring:* Circle the participant’s response below. 1pt/per correct response (correct responses in bold font).

|  |  |  |  |
| --- | --- | --- | --- |
| **Statement** | **Circle Response**  **\***Correct response in **BOLD** | | **Points ( \_\_\_/1)** |
| 1. You win a contest based on skill. | **Proud** | Jealous |  |
| 2. Someone crashes into your car and drives away without stopping. | Jealous | **Angry** |  |
| 3. Your friend discovers that her neighbor is a relative of yours. | **Surprised** | Angry |  |
| 4. Your friend gets the promotion you were hoping for. | **Jealous** | Bored |  |
| 5. You have to wait another two hours for the train that was delayed. | Jealous | **Angry** |  |
| 6. You receive an unexpected gift from a friend. | **Surprised** | Angry |  |
| 7. You receive a promotion you have been working towards. | **Happy** | Afraid |  |
| 8. Someone asks you for your wallet on the street. | **Afraid** | Disappointed |  |
| 9. You receive a payment that you have been waiting a long time for. | **Happy** | Surprised |  |
| 10. You did not get the award you were expecting | **Disappointed** | Afraid |  |
| 11. Someone cheats you out of $100. | Afraid | **Angry** |  |
| 12. You win $50 in a game based purely on luck. | **Happy** | Proud |  |
| 13. You did not get the promotion you were hoping for. | **Disappointed** | Afraid |  |
| 14. The doctors find a “suspicious mass” in your lung on X-ray. | **Afraid** | Angry |  |
| 15. You lose $50 in a game based purely on luck. | Angry | **Sad** |  |
| 16. You have been waiting for the dentist for 20 minutes. | Jealous | **Bored** |  |
| 17. You found something that you have been looking for. | **Happy** | Afraid |  |
| 18. You achieve a goal that you have been working towards. | Disappointed | **Proud** |  |
| 19. Your friend’s house was flooded when a pipe broke. | **Sad** | Afraid |  |
| 20. You hear that a hurricane is coming toward your town. | **Afraid** | Angry |  |

**Raw Score ( /20):** \_\_\_\_\_\_\_\_\_\_\_\_\_ **% Correct:** \_\_\_\_\_\_\_\_\_\_\_\_\_

**Emotion Synonym - Repeated**

*\* Only complete this subtest if they completed “Emotion Semantics” subtest on previous page.*

*Prompt:* The following slides will present a word at the top center location of the screen. Then two other words will appear and your task is to choose the one that is closest in meaning to the word at the top. You can have as much time as you need and to signal your choice point to the word.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Emotion Synonym – Repeated after Training** | | | | | | | |
| **Part 1 Repeated** | | | | **Part 2 Repeated** | | | |
| **Item** | **Circle Response** | | **Points (\_\_/1)** | **Item** | **Circle Response** | | **Points (\_\_/1)** |
| 1. ANGER | Disgust | **Bitterness** |  | 13. FAITH | **Belief** | Risk |  |
| 2. FEARFUL | **Horrified** | Hopeful |  | 14. FAIRNESS | **Justice** | Truth |  |
| 3. SADNESS | **Despair** | Hope |  | 15. LIBERTY | Friendship | **Freedom** |  |
| 4. JOY | Sadness | **Happiness** |  | 16. KINDNESS | **Compassion** | Health |  |
| 5. SURPRISED | **Alarmed** | Intimidated |  | 17. FRIENDSHIP | Reality | **Companionship** |  |
| 6. DISGUST | **Loathing** | Admiration |  | 18. TRUTH | Health | **Honesty** |  |
| 7. JOY | Shock | **Excitement** |  | 19. REALITY | Independence | **Fact** |  |
| 8. SURPRISED | Annoyed | **Amazed** |  | 20. RISK | Disaster | **Hazard** |  |
| 9. ANGER | Boredom | **Fury** |  | 21. HUMOR | Love | **Comedy** |  |
| 10. SADNESS | **Depression** | Optimism |  | 22. HEALTH | **Fitness** | Humor |  |
| 11. SURPRISED | **Astounded** | Bored |  | 23. QUICK | **Fast** | Cheap |  |
| 12. FEARFUL | **Apprehensive** | Dismayed |  | 24. BRAVE | **Courageous** | Healthy |  |

|  |  |  |
| --- | --- | --- |
| **Part 1** | | |
| Emotion | Raw Score | % Correct |
| Anger | \_\_\_\_ /2 |  |
| Sadness | \_\_\_\_ /2 |  |
| Surprise | \_\_\_\_ /2 |  |
| Disgust | \_\_\_\_ /2 |  |
| Joy | \_\_\_\_ /2 |  |
| Fearful | \_\_\_\_ /2 |  |
| **Total** | **\_\_\_\_ /12** |  |

|  |  |  |
| --- | --- | --- |
| **Part 2** | | |
|  | Raw Score | % Correct |
| **Total** | **\_\_\_\_ /12** |  |

**Facial Expression Task:**

*Prompt:* You will be shown a series of people with specific facial expressions. Of the options presented on the screen, choose the emotion that best describes the person’s expression.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Item | Correct response | Participant Response |  | Item | Correct response | Participant Response |
| 1 | Surprised |  |  | 21 | Surprised |  |
| 2 | Sad |  |  | 22 | Surprised |  |
| 3 | Surprised |  |  | 23 | Angry |  |
| 4 | Sad |  |  | 24 | Angry |  |
| 5 | Happy |  |  | 25 | Happy |  |
| 6 | Angry |  |  | 26 | Happy |  |
| 7 | Surprised |  |  | 27 | Sad |  |
| 8 | Sad |  |  | 28 | Angry |  |
| 9 | Happy |  |  | 29 | Disgusted |  |
| 10 | Happy |  |  | 30 | Surprised |  |
| 11 | Disgusted |  |  | 31 | Angry |  |
| 12 | Disgusted |  |  | 32 | Surprised |  |
| 13 | Angry |  |  | 33 | Disgusted |  |
| 14 | Sad |  |  | 34 | Disgusted |  |
| 15 | Sad |  |  | 35 | Happy |  |
| 16 | Happy |  |  | 36 | Sad |  |
| 17 | Disgusted |  |  | 37 | Surprised |  |
| 18 | Angry |  |  | 38 | Angry |  |
| 19 | Sad |  |  | 39 | Disgusted |  |
| 20 | Disgusted |  |  | 40 | Happy |  |

|  |  |  |
| --- | --- | --- |
|  | **Raw Score** | **% Correct** |
| Happy | \_\_\_ /8 |  |
| Sad | \_\_\_ /8 |  |
| Surprised | \_\_\_ /8 |  |
| Disgusted | \_\_\_ /8 |  |
| Angry | \_\_\_ /8 |  |
| **TOTAL** | **\_\_\_ /40** |  |

**Administer Boston Naming Test – Short Form**

\* for left-handed participants only

**PRODUCTION SUBTESTS**

Record each subtest in Audacity and create a separate file for each:

1. Place microphone ~2cm from corner of mouth and plug microphone into MicroBook, as per your training (be sure to ask if you haven’t been trained).
2. Plug MicroBook into laptop using the USB cord (this must be done BEFORE opening Audacity).
3. Open Audacity on laptop. Click on File -> New. Make sure the MOTU MicroBook is selected (instead of Built-in Microphone)
4. Press Record button for participant to begin.
5. State the participant’s code, the date, and the name of the subtest.
6. After patient is finished with each subtest press the STOP button. **Then go to File -> Save Other and save file as a .wav file** with the correct naming convention (see examples below) in Prosody Audio Recordings on desktop of prosody laptop
7. Save each subtest according to the appropriate naming convention for that subtest. See “Prosody Battery Audio Naming Instructions” Sheet on page 28 of Prosody Battery for specific naming instructions.

For sentence subtests (Emotion Production without Cues, Emotion Production with Cues, Sentence Repetition Pre-training, Sentence Repetition Post-training), the individual sentences will need to be spliced using Praat software. See Shannon for training if you are not sure how to do this.

Once the sentences are spliced the CV% can be obtained using the directions located in:

Hillis drive -> 01\_NEW RH Prosody Battery 11\_18\_17 -> Scoring -> Praat Sentence Splicing and Analysis Instructions

**Sustained “Ah”**

1. Say to the participant “ *Please take a breath and say “aaah” for as long as you can and as loud as you can using one breath.”*
2. Allow participant to respond, while recording their response.

**Sustained “Ah” Number of Seconds: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Save file in “Prosody Battery Audio Recordings” file on desktop of laptop with this naming convention:

Participantcode\_sah\_group\_sex\_monthdayyear\_timepoint

**Diadochokinetic Rate (DDK) Instructions**

1. Say to the participant “PLEASE SAY “puh” AS MANY TIMES AS YOU CAN IN 30 SECONDS.” Time the response and let them know when 30 seconds have passed. You can provide an example before they start.
2. Say to the participant “PLEASE SAY “tuh” AS MANY TIMES AS YOU CAN IN 30 SECONDS.” Time the response and let them know when 30 seconds have passed.
3. Say to the participant “PLEASE SAY “kuh” AS MANY TIMES AS YOU CAN IN 30 SECONDS.” Time the response and let them know when 30 seconds have passed.
4. Say to the participant “PLEASE SAY “puh tuh kuh” AS MANY TIMES AS YOU CAN IN 30 SECONDS.” Time the response and let them know when 30 seconds have passed.

|  |  |  |
| --- | --- | --- |
| **Syllable(s)** | **Number Repetitions in 30 seconds** | **# Repetitions / sec Ratio** |
| “puh” |  |  |
| “tuh” |  |  |
| “kuh” |  |  |
| “puh tuh kuh” |  |  |

Save file in “Prosody Battery Audio Recordings” file on desktop of laptop with this naming convention:

Participantcode\_ddk\_group\_sex\_monthdayyear\_timepoint

**Emotion Production without Cues**

1. Record in Audacity. State the participant’s code, the date, and the name of the subtest.
2. Read the instructions in the Prosody Powerpoint to the participant and administer the emotion production without cues subtest.
3. *Prompt: “You will see a series of slides with one emotion at the top of each slide. You will also see a sentence below the emotion. Please read each sentence aloud with the given emotion.* ***Try to emphasize the emotion as much as you can.”***
4. Once you press “enter” on the first stimulus slide, the rest of the stimuli is timed, you will just need to advance to the next slide after the participant responds.
5. Check off each sentence in the table on the next page as it is read.

Save file in “Prosody Battery Audio Recordings” file on desktop of laptop with this naming convention:

Participantcode\_epn\_group\_sex\_monthdayyear\_timepoint

**Emotion Production with Cues**

1. Record in Audacity. State the participant’s code, the date, and the name of the subtest.
2. *Prompt: “You will see a series of slides with one emotion at the top of each slide. You will also see cues to help you say the sentence below using the emotion at the top of the slide.* ***Try to emphasize the emotion as much as you can by using the cues.”***
3. Once you press “enter” on the first stimulus slide, the rest of the stimuli is timed, you will just need to advance to the next slide after the participant responds.
4. Check off each sentence in the table on the next page as it is read.

Save file in “Prosody Battery Audio Recordings” file on desktop of laptop with this naming convention:

Participantcode\_epc\_group\_sex\_monthdayyear\_timepoint

**Emotion Production with Cues & without cues:**

**Check off each sentence the participant produces (to ensure no sentences are inadvertently skipped):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sentence** | **Emotion** | **Prosodic Cue** | **EP - Cues** | **EP – w/out Cues** |
| 1. We had hamburgers for supper. | Happy | Fast rate; High pitch |  |  |
| 1. They bought a new boat. | Sad | Slow rate; Low pitch; Quiet |  |  |
| 1. Her husband came to the party. | Angry | Fast rate; Low pitch; Loud |  |  |
| 1. I will be going home today. | Fearful | Fast rate; Quiet |  |  |
| 1. This is his first day at the office. | Surprised | Fast rate; Rising pitch |  |  |
| 1. She ordered a cake for Thursday. | Bored | Slow rate; Flat pitch |  |  |
| 1. He sold his car to his neighbor. | Angry | Fast rate; Low pitch; Loud |  |  |
| 1. She will be going to the new school. | Surprised | Fast rate; Rising pitch |  |  |
| 1. This is the second time she competed. | Sad | Slow rate; Low pitch; Quiet |  |  |
| 1. We walked through the park to get here. | Bored | Slow rate; Fast rate |  |  |
| 1. She did not know him before this. | Afraid | Fast rate; Quiet |  |  |
| 1. He ordered another pizza for us. | Happy | Fast rate; High pitch |  |  |
| 1. She went to the store to get more. | Sad | Slow rate; Low pitch; Quiet |  |  |
| 1. We bought shoes for the children. | Bored | Slow rate; Flat rate |  |  |
| 1. He paid the bill on Friday. | Angry | Fast rate; Low pitch; Loud |  |  |
| 1. He will talk to her about the book. | Afraid | Fast rate; Quiet |  |  |
| 1. She read the story in the newspaper. | Surprised | Fast rate; Rising pitch |  |  |
| 1. I never saw that person before today. | Happy | Fast rate; High pitch |  |  |
| 1. The man knocked on our front door. | Afraid | Fast rate; Quiet |  |  |
| 1. The woman was running by our house. | Surprised | Fast rate; Rising pitch |  |  |
| 1. She cooked pancakes for breakfast. | Bored | Slow rate; Flat pitch |  |  |
| 1. He went to the other race. | Angry | Fast rate; Low pitch; Loud |  |  |
| 1. They bought the house next door. | Happy | Fast rate; High pitch |  |  |
| 1. The teacher wrote three names down. | Sad | Slow rate; Low pitch; Quiet |  |  |

**Repetition of Sentences**

1. Record in Audacity. State the participant’s code, the date, and the name of the subtest.
2. *Prompt: “You will hear a series of sentences. Please repeat each sentence aloud using the same tone of voice and inflection as the speaker.”*
3. Once you press “enter” on the first stimulus slide, the rest of the stimuli is timed, you will just need to advance to the next slide after the participant responds.

|  |  |  |
| --- | --- | --- |
| **Sentence** | **Emotion** | **RA’s Subjective Score of Participant’s Emotional Prosody**  **1 = Correct or 0 = Incorrect** |
| 1. She went to the store to get more. | Happy |  |
| 1. This is his first day at the office. | Sad |  |
| 1. Her husband came to the party. | Angry |  |
| 1. I never saw that person before today. | Afraid |  |
| 1. The woman was running by our house. | Surprised |  |
| 1. The man knocked on our front door. | Bored |  |
| 1. She cooked pancakes for breakfast. | Angry |  |
| 1. She will be going to the new school. | Surprised |  |
| 1. She read the story in the newspaper. | Sad |  |
| 1. He will talk to her about the book. | Bored |  |
| 1. I will be going home today. | Afraid |  |
| 1. She did not know him before this. | Happy |  |
| 1. He sold his car to his neighbor. | Sad |  |
| 1. He went to the other race. | Bored |  |
| 1. He ordered another pizza for us. | Angry |  |
| 1. They bought a new boat. | Afraid |  |
| 1. This is the second time she competed. | Surprised |  |
| 1. The teacher wrote three names down. | Happy |  |
| 1. We had hamburgers for supper. | Afraid |  |
| 1. They bought the house next door. | Surprised |  |
| 1. He paid the bill on Friday. | Bored |  |
| 1. We bought shoes for the children. | Angry |  |
| 1. We walked through the park to get here. | Happy |  |
| 1. She ordered a cake for Thursday. | Sad |  |

**Raw Subjective Score ( /24):** \_\_\_\_\_\_\_\_\_\_\_\_\_  **Subjective % Correct:** \_\_\_\_\_\_\_\_\_\_\_\_\_

**Repetition of Sentences – Training**

*\*Only give this subtest if participant scored 19/24 or less on Repetition of Sentences subtest.*

**Give feedback on incorrect responses! But still count them as incorrect. Then complete “Repetition of Sentences – Repeated”**

*Prompt*: “You will see one sentence repeated on the following slides, “She walked the dog yesterday.” Please listen to the tester say the sentence with the given feature, then say it together with the tester, then say it on your own.”

*Scoring:* Subjectively rate the participant’s response for each feature and record below.

|  |  |
| --- | --- |
| **Trial** | **RA’s Subjective Score of Participant’s Response**  **1 = Correct or 0 = Incorrect** |
| 1. Fast Rate |  |
| 2. Slow Rate |  |
| 3. High Pitch |  |
| 4. Low Pitch |  |
| 5. Flat Pitch |  |
| 6. Rising Pitch |  |
| 7. Quietly |  |
| 8. Loudly |  |
| 9. Long Duration |  |
| 10. Short Duration |  |

**Raw Subjective Score ( /10):** \_\_\_\_\_\_\_\_\_\_\_\_\_  **Subjective % Correct:** \_\_\_\_\_\_\_\_\_\_\_\_\_

**Repetition of Sentences – Post Training**

1. Record in Audacity. State the participant’s code, the date, and the name of the subtest.
2. *Prompt: “You will hear a series of sentences. Please repeat each sentence aloud using the same tone of voice and inflection as the speaker.”*
3. Once you press “enter” on the first stimulus slide, the rest of the stimuli is timed, you will just need to advance to the next slide after the participant responds.

|  |  |  |
| --- | --- | --- |
| **Sentence** | **Emotion** | **RA’s Subjective Score of Participant’s Emotional Prosody**   1. **= Correct or 0 = Incorrect** |
| 1. She went to the store to get more. | Happy |  |
| 1. This is his first day at the office. | Sad |  |
| 1. Her husband came to the party. | Angry |  |
| 1. I never saw that person before today. | Afraid |  |
| 1. The woman was running by our house. | Surprised |  |
| 1. The man knocked on our front door. | Bored |  |
| 1. She cooked pancakes for breakfast. | Angry |  |
| 1. She will be going to the new school. | Surprised |  |
| 1. She read the story in the newspaper. | Sad |  |
| 1. He will talk to her about the book. | Bored |  |
| 1. I will be going home today. | Afraid |  |
| 1. She did not know him before this. | Happy |  |

Save file in “Prosody Battery Audio Recordings” file on desktop of laptop with this naming convention:

Participantcode\_srt\_group\_sex\_monthdayyear\_timepoint

See “Saving Audio Recording Instructions” Sheet at end of Prosody Battery for specific naming instructions.

* Time point will either be: \_acu (acute initial visit), \_3m (follow up at 3 months), \_6m (follow up at 6 months), or \_1Y (1 year follow up)

**Old Cookie Theft**

1. Record in Audacity. State the participant’s code, the date, and the name of the subtest.
2. Present the “Cookie Theft” picture on the Prosody Powerpoint **at center field of view at midline** and say, *“Tell me everything you seen going on in this picture, and try to speak in complete sentences.”* Allow participant to respond, then point to the neglected features of the picture and ask for elaboration if the patient’s response is skimpier than his/her apparent potential.
3. Scoring instructions are located in: Hillis -> 01 NEW RH Prosody Battery 11\_18\_17 -> Scoring -> “Old Cookie Theft Scoring Template”

**Use space below for notes/transcription:**

Stroke Patient Questionnaire - Hopkins

Stroke can cause many problems. Here is a list of problems that you may have experienced since your stroke, or other problems that may be disrupting your daily life. Please indicate if any of these problems has occurred within the past month. If it has occurred, indicate how difficult this problem is for you and how concerned you are about the problem on a 3-point scale:

**1=Not at all 2= A little 3=A lot**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| In the past month, have you………… | Did this problem occur in the past month? | | If Yes, how difficult or concerning is this problem for you? | | |
| 1. had difficulty walking or climbing stairs without assistance | Yes | No | 1 | 2 | 3 |
| 2. had problems using the arm or hand that was most affected by the stroke | Yes | No | 1 | 2 | 3 |
| 3. fallen | Yes | No | 1 | 2 | 3 |
| 4. had problems with vision or hearing | Yes | No | 1 | 2 | 3 |
| 5. difficulty understanding what was said to you in conversations | Yes | No | 1 | 2 | 3 |
| 6. had difficulty expressing yourself or participating in conversations | Yes | No | 1 | 2 | 3 |
| 7. had trouble understanding the feelings of others | Yes | No | 1 | 2 | 3 |
| 8. had trouble understanding the thoughts of others | Yes | No | 1 | 2 | 3 |
| 9. had trouble recognizing the tone of voice and facial expressions of others | Yes | No | 1 | 2 | 3 |
| 10. had trouble using tone of voice and facial expression to show emotion | Yes | No | 1 | 2 | 3 |
| 11. had problems with spelling | Yes | No | 1 | 2 | 3 |
| 12. had problems with writing | Yes | No | 1 | 2 | 3 |
| 13. had trouble remembering recent events | Yes | No | 1 | 2 | 3 |
| 14. been asking the same question over and over | Yes | No | 1 | 2 | 3 |
| 15. been starting, but not finishing things | Yes | No | 1 | 2 | 3 |
| 16. had difficulty concentrating on a task | Yes | No | 1 | 2 | 3 |
| 17. felt anxious or worried | Yes | No | 1 | 2 | 3 |
| 18. felt sad or depressed | Yes | No | 1 | 2 | 3 |
| 19. Felt lonely | Yes | No | 1 | 2 | 3 |
| 10. had sudden outbursts of uncontrollable crying or laughing | Yes | No | 1 | 2 | 3 |
| 21. had mood swings | Yes | No | 1 | 2 | 3 |
| In the past month, have you………… | Did this problem occur in the past month? | | If Yes, how difficult or concerning is this problem for you? | | |
| 22. needed help with dressing | Yes | No | 1 | 2 | 3 |
| 23. needed help with bathing | Yes | No | 1 | 2 | 3 |
| 24. needed help with toileting | Yes | No | 1 | 2 | 3 |
| 25. had a problem controlling your bladder | Yes | No | 1 | 2 | 3 |
| 26. had a problem controlling your bowels | Yes | No | 1 | 2 | 3 |
| 27. needed help with grooming such as brushing teeth or combing hair | Yes | No | 1 | 2 | 3 |
| 28. needed help with eating or feeding yourself | Yes | No | 1 | 2 | 3 |
| 29. needed help with getting in and out of bed | Yes | No | 1 | 2 | 3 |
| 30. had a decrease in appetite | Yes | No | 1 | 2 | 3 |
| 31. needed help using the telephone | Yes | No | 1 | 2 | 3 |
| 32. needed help preparing meals | Yes | No | 1 | 2 | 3 |
| 33. needed help doing housework | Yes | No | 1 | 2 | 3 |
| 34. needed help taking your medications as prescribed | Yes | No | 1 | 2 | 3 |
| 35. been worried by the side effects of medications | Yes | No | 1 | 2 | 3 |
| 36. needed help managing your money | Yes | No | 1 | 2 | 3 |
| 37. needed help with travel or transportation | Yes | No | 1 | 2 | 3 |
| 38. had concerns about driving | Yes | No | 1 | 2 | 3 |
| 39. needed help with shopping | Yes | No | 1 | 2 | 3 |
| 40. been more tired than usual | Yes | No | 1 | 2 | 3 |
| 41. had difficulty sleeping | Yes | No | 1 | 2 | 3 |
| 42. had difficulty with sexual function | Yes | No | 1 | 2 | 3 |
| 43. been in pain | Yes | No | 1 | 2 | 3 |
| 44. lost weight | Yes | No | 1 | 2 | 3 |
| 45. been unable to get out to do the things you enjoy | Yes | No | 1 | 2 | 3 |
| 46. had difficulty receiving the help you need | Yes | No | 1 | 2 | 3 |
| 47. had difficulty keeping up with appointments | Yes | No | 1 | 2 | 3 |
| 48. had difficulty getting to appointments | Yes | No | 1 | 2 | 3 |
| 49. been worried by the results of a lab test or consultation | Yes | No | 1 | 2 | 3 |
| 50. other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Yes | No | 1 | 2 | 3 |

Stroke Patient Questionnaire Total \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ANOSOGNOSIA QUESTIONNAIRE**

Instructions: *Administer this questionnaire verbally. Ask the patient the first question. If they are able to describe their disorder/tell you what has happened, they score a 0 and the questionnaire is complete. If they are unable to describe the disorder, even after prompting, continue to question 2. If the patient is able to describe the disorder in number 2 after being directed toward the impairment, assessment stops. If the patient is still unable to describe the disorder, continue to numbers 3 and 4. Patient will receive a score of 0, 1, 2, 3 depending on their awareness of their disorder.*

1. Can you tell me why you are in the hospital? Have you noticed any complaints?  (**Score=0** if patient describes the disorder spontaneously or the patient describes the disorder after having been prompted with the previous question. For example, patient remarks that since brain injury they have had problems moving their contralesional arm. Note: few patients spontaneously report limb problems. Journal of Neurology, Neurosurgery, & Psychiatry, 76: 358- 361)
2. A) Have you noticed any problems with your left/right arm/leg? Have you noticed any loss of strength in your left/right arm/leg as compared to before you came here? Ask the patient to lift an arm or leg and keep it elevated. Ask the patient to move his/her finger.

B) Have you noticed any problems with your vision or ability to see?   (**Score=1**, if patient describes the disorder after directed toward the impairment)

1. Have you noticed anything wrong with your arm or leg?  (**Score=2**, if patient denies the problem at first but acknowledges the problem after having been explicitly confronted with it.)
2. A) Can you see your arm/leg? When I ask you to lift your arm/leg and keep it elevated, it falls down again. Can you see that? Why do you think that is? Is your arm/leg maybe paralyzed?

B) Do you see your right/left finger moving? Do you have any idea why you cannot see it? Do you maybe have some problems with your ability to see?   (**Score=3**, if patient denies the problem even after explicit confrontation)

1. SCORE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**NEGLECT SUBTESTS**

***Mark each test sheet with the date and the participant’s code.***

**Line Bisection:**

1. Give participant a pen, hold the first line bisection page on a clipboard at the participant’s midline at center field of view/attention in front of them (so when their chin is level they will see the paper in front of them, and not on the desk).
2. *Prompt:* “Please draw a vertical line through the center of this horizontal line while keeping your head and eyes steady and staring straight ahead.”
3. Repeat with the next two line bisection tests.

**Triangle Discrimination Cancellation:**

1. Give participant a pen, and place the triangle cancellation sheets at the participant’s midline at center field of view/attention one at a time.
2. *Prompts:*
   1. For FIRST SHEET:“Please circle all of the complete triangles on this page.”
   2. For SECOND SHEET: “Please cross out all of the incomplete triangles on this page.”
   3. For THIRD SHEET: “Please circle all of the complete triangles AND cross out all of the incomplete triangles on this page.”
3. After each sheet is completed ask the participant if they have checked all of the stimuli and whether they are sure they haven’t made any mistakes.

**Circle Discrimination Cancellation:**

1. Give participant a pen, and place the circle cancellation sheets at the participant’s midline at center field of view/attention one at a time.
2. *Prompts:*
   1. For FIRST SHEET:“Please circle all of the complete ovals on this page.”
   2. For SECOND SHEET: “Please cross out all of the incomplete ovals on this page.”
   3. For THIRD SHEET: “Please circle all of the complete ovals AND cross out all of the incomplete ovals on this page.”
3. After each sheet is completed ask the participant if they have checked all of the stimuli and whether they are sure they haven’t made any mistakes.

**Letter Cancellation:**

1. Give participant a pen, and place the letter cancellation page on a clipboard at the participant’s midline at center field of view/attention.
2. *Prompt:* “Please find and circle all of the A’s on this page.”

**COMPANION QUESTIONNAIRES**

If the participant’s spouse is available at the session, give them the IRI-COMPANION and the Stroke Patient Companion Questionnaire to fill out. Alternatively, provide the participant with both questionnaires for their spouse, along with a stamped envelope so the spouse can mail the questionnaires back to the lab. Companion Questionnaires available in: Hillis Drive -> 01\_NEW RH Prosody Battery 11\_18\_17 -> Session Documents -> Companion Questionnaires

**MEDICATION LIST**

List the medications the patient is CURRENTLY taking below:

|  |  |
| --- | --- |
| **Medication** | **Dosage** |
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**SENTENCE SPLICING**

The sentences from each of the sentence production tasks (Emotion Production – Without Cues, Emotion Production – With Cues, Sentence Repetition), will need to be spliced. Locate the instructions in:

Hillis drive -> 01\_NEW RH Prosody Battery 11\_18\_17 -> Scoring -> Scoring Instructions -> Praat Sentence Splicing and Analysis Instructions

**Prosody Battery Audio Naming Instructions**

The following subtests will require you to record and save audio files:

1. Sustained “Ah”
2. Diadochokinetic Rate (DDK)
3. Old Cookie Theft
4. New Cookie Theft (only will have audio file if it was NOT recorded on the ipad)
5. Emotion Production – without Cues
6. Emotion Production – with Cues
7. Repetition of Sentences
8. Repetition of Sentences – Post Training

Within the patient’s folder (located in Hillis Drive -> Patient Data\_MRI\_Cognitive\_Testing), create a new folder for the relevant time point (either acute initial visit, 3 month follow up, 6 month follow up, or 1 year follow up).

Save the audio files from each subtest listed above within this new folder. There should be one file per subtest using the following naming convention:

PatientCode\_subtestname\_group\_sex\_date\_timepoint

The Patient Code will be their ID in the lab’s standard format: ABC1234

The subtest names will be:

* Sustained “Ah” subtest: \_sah\_
* DDK: \_ddk\_
* Old Cookie Theft: \_cto\_
* New Cookie Theft: \_ctn\_
* Emotion Production – without Cues: \_epn\_
* Emotion Production – with Cues: \_epc\_
* Repetition of Sentences: \_rep\_
* Repetition of Sentences Post Training: \_srt\_

Group:

* Participant with Right Hemisphere Stroke: \_RH\_
* Participant with Left Hemisphere Stroke: \_LH\_
* Participants with Bilateral Stroke: \_BI\_
* Participants who are controls who have had a TIA: \_TI\_
* Participants who are healthy controls: \_HC\_
* Participants who do not fit into the previous categories: \_OT\_

Sex:

* For females: \_F\_
* For males: \_M\_

Date: MMDDYYYY format (e.g., 11232017)

Time point:

* Acute initial visit: \_ac\_
* Follow up visit at 3 months post stroke: \_3m\_
* Follow up visit at 6 months post stroke: \_6m\_
* Follow up visit at 1 year post stroke: \_1y\_

**Some Examples**

**For Participant with Right Hemisphere stroke (RH) at acute initial visit:**

ABC1234\_ddk\_RH\_F\_MMDDYYYY\_ac (for females)

ABC1234\_sah\_RH\_M\_MMDDYYY\_ac (for males)

**For Participant with Left Hemisphere stroke (LH) at 3 month follow up visit:**

ABC1234\_ctn\_LH\_F\_MMDDYYYY\_3m (for females)

ABC1234\_rep\_LH\_M\_MMDDYYY\_3m (for males)

**For Controls with TIAs (TI) at 6 month follow up visit:**

ABC1234\_epc\_TI\_F\_MMDDYYYY\_6m (for females)

ABC1234\_epn\_TI\_M\_MMDDYYY\_6m (for males)

**For Healthy Controls (HC) at 1 year follow up visit:**

ABC1234\_ddk\_HC\_F\_MMDDYYYY\_1y (for females)

ABC1234\_sah\_HC\_M\_MMDDYYY\_1y (for males)

**For other participants who do not fit in the four previous categories (OT) at acute initial visit:**

ABC1234\_rep\_OT\_F\_MMDDYYYY\_ac (for females)

ABC1234\_epn\_OT\_M\_MMDDYYY\_ac (for males)