# CODING HISTORY

Updated: 31oct19

## Coder Key

## EID

# CODING PASSES OVERVIEW

## Coding Goals:

The goal is to determine if there are any parent-child interactions in the PANDA home studies that have influenced the child’s responses.

We are primarily focusing on figuring out whether any participants need to be dropped.

## Coding Notes:

**NOTE**: Before you start, don’t code files that break from protocol or if you find an example that doesn’t match the coding manual. Flag it in the coding progress or in the file and bring it to the supervisor on that project.

### For examples, if the video is for the wrong study, the participant is absent from the video, or if there are any other major deviations to the protocol (e.g., an apparent technical error that crashes the program).

However: If the video has no audio, still **code what you are able to**. If you cannot mark the consent and protocols, that is okay, but try and mark gestures and looks.

## Coding Timeline:

Create new Datavyu file from template (the template file is stored on the server in the [STUDY SPECIFIC LOCATION] folder.

Code ID variables

Check and clean ID variables (SID, date, gender, dot, dob)

Conduct Consent coding pass

Check typos on Consent coding script location

Conduct Parent-Child Interaction coding pass

Check typos on Parent-Child Interaction coding pass

Conduct Interference coding pass

Check typos on Interference coding pass

Have RA #2 check Parent-Child Interaction coding pass

Have RA #2 conduct secondary Interference coding pass

Calculate Interference score for each Parent-Child Interaction

Send spreadsheet of all Interference scores for each Parent-Child Interaction to study supervisor.

# STUDY NAME COLUMNS

## id

### <study>

Be sure to enter this consistently for every subject (all lowercase, no spaces, and no typos). Can’t be missing data.

e.g. “zarpie”, or “bchomew1”

### <sid>

Subject number. Can’t be missing data.

e.g. 51H

### <gender>

m = male

f = female

### <dot>

Test date

Format: mm/dd/yyyy (e.g., 12/30/2008). Can’t be missing data.

### <dob>

Date of Birth

Format: mm/dd/yyyy (e.g., 12/30/2008). Can’t be missing data.

### <col1coder>

EID of the first coder

### <col1relcoder>

EID of second coder

## task

### Coding Strategy

Watch the video at full speed. When you hear verbal consent from the parent and child jump back 5 seconds (-). And then keep listening in full speed to set onset and offset.

### <task>

#### c = consent

part of the video when parent and child agree to participate in the study

##### Onset

5 seconds before the narrator started to talk (listen until you hear narrator, then jump back 5 seconds) and set onset (enter).

##### Offset

Set offset when child says “yes or no”. Then set the offset (9).

#### p = protocol

main part of study when child is answering questions

##### Onset

First frame after consent.

Set by selecting the consent cell under Task and hitting the 0 key on the right-hand keypad. This creates a new cell directly after the consent cell, just 00:00:00:001 later.

##### Offset

End of video!

## consent

### Coding Strategy

Watch video in real time (1x speed) to determine onset and offset of consent.

### <parentconsent>

#### y = yes

parent reads script

#### n = no

parent says no, parent does not read script

#### py = passive yes

parent doesn’t read script but still participating

### <childassent>

#### y = yes

child says yes or shakes head yes

#### n = no

child says no or does not respond, child says something random

#### py = passive yes

parent doesn’t read script but still participating

#### Onset

Copy from task column

#### Offset

Copy from task column

## parent\_child\_interaction

### General Criteria

The goal of this coding pass is to find and define all instances of parent-child interaction

We are coding all parent-child interactions (onset, offset).

We want to find times when the parent and child are communicating (talking, gesturing, looking, etc.).

Code parent-child interactions if:

The parent is talking to the child, and the child has shown that they have heard the parent (any kind of response, verbal or nonverbal).

A child has “responded” if they look at the parent, talk to the parent, gesture at the parent, stop speaking, moving etc.

The child asks the parent a question.

The parent asks the child a question.

### <talking>

parent and child are communicating verbally

#### <question>

child is asking parent question or parent is asking child question

#### <gesture>

parent and child are communicating by gesturing

#### <looking>

parent and child are communicating by looking

*NOTE: Mark a field with a ‘y’ (for yes) if an interaction occurs, or a ‘n’ (for no) if it does not occur.*

### <relevance>

#### r= related to protocol

#### u= unrelated to protocol

#### NOTE: If one interaction within a chunk of interactions is related, code the entire cell as related (even if all the other interactions in that cell are unrelated)

**<interference>**

### General Criteria

This coding pass will be to identify whether or not any of the above interactions could be classified as an “interference.” Jog forward to all of the above instances that were categorized as interactions. Code interactions as an interference **(y/n/m)** if the interaction **influenced the child’s response**. Examples include:

Parent is pointing or gesturing to an answer with the intention of altering or determining the child’s response

Parent is verbalizing a response that the child should choose.

Parent is reframing a question in a way that emphasizes one answer to a greater degree than the others.

Parent is providing context or any other information that we did not originally provide, that the child could use in their response.

Parent is providing validation for responses (e.g., “I agree”)

### y = yes

The interaction can be classified as an interference.

### n = no

The interaction cannot be classified as an interference.

### m = maybe

#### It’s unclear whether the interaction can be classified as interference

### Coding Notes

Some supplemental information about a reason you might code “no” or “yes” that is important to know can go into the coding notes column (See notes section for more).

### Coding Strategy

Jump to the onset of the protocol.

Start watching the video in full speed

Once you hear/see something that you think is a parent-child interaction jump back 5 seconds and set the onset.

Play forward in full speed until the interaction ends

An interaction ends if no one is communicating (gesturing, talking, looking etc.) for **10 seconds.**

If another interaction happens before you count to 10, you have not found the offset yet.

Keep watching and set the offset again once you think they have stopped interacting for 10 seconds.

If no one is communicating move on to look for the next cell

*Note:* sometimes cells will last for a while and include many interactions.

Do your best to describe them all as briefly as possibly in the notes section (detailed below).

If any interaction within a cell is related to the protocol, no matter how many others are unrelated, label the cell with an ‘r’.

If the offset of one interaction overlaps with the onset of the next, leave the offset as is and set the onset of the next cell to 00:00:00:001 later than the offset.

Ex: an offset is: 00:06:53:268 so onset would be 00:06:53:269

## Notes

### General Criteria

Type in any necessary explanations for relevant interactions.

For example, who spoke, looked at, or gestured to whom (parent to child, child to parent, sibling to child, etc.), what was said if important, and any other information about interaction that is helpful.

Especially important if someone is interfering in some way.

Be as brief but informative as possible.

Grammar does not matter much, skipping articles is fine, but be careful with shorthand to avoid confusion.

Don’t add too much unnecessary detail, only enough to inform another of what the situation was when warranted.

<notes>

Coding Strategy

Set onset and offset for the same time as the parent-child interaction cell the note corresponds to.

This is done by selecting the Parent-Child Interaction cell in question, clicking on the “Spreadsheet” tab in the top bar on the left-hand side, and selecting “New Cell to Right”.

Be sure they match their corresponding cell.

**Relevant Comments**

General Criteria

Type in any spontaneous comments made by the child or parent that is relevant to the study. For example, a child explaining or justifying their response choice, or a parent’s feelings about a question or the survey as a whole.

<comment>

Coding Strategy

Set the onset to right before the comment is made and the offset to right after the comment is finished.

**Error Checking Script**

After you finish coding a video, run the appropriate error checking script for your columns (either the primary coder script or the reliability coder script; ask if you are unsure which you should use)

To do this:

Locate the error script or download it from slack

Click on the Datavyu spreadsheet so you see the tabs in the top left corner

Click “Script” tab

Click “Run Script” if it is the first time running it, and find the script through the

menu

Click “Run Recent Script” if it is not the first time running it, and find it in the list

**STUDY SPECIFIC INFORMATION** (clearly indicate which study you are making notes for)**:**

~ZARPIE~

* **Template:** server> data> studies> PANDA> studies> PANDA coding template
* **Save files:**
  + First to code
    - Check off a video that needs coding in the coding log (Zarpie for PANDA> Video coding> Zarpie Video Coding Log)
      * You will know you’re the first if there are **no initials** indicating the video has been coded (your initials will be the first on the row of that video SID)
* Open the template (PANDA> studies> PANDA coding template)
  + - Save file as: SID\_studyname\_dot\_initials
      * E.g. 151H\_intervention\_10.7.19\_MR
    - Save to: Server> Data> Studies> PANDA> studies> BC LongHome> Processed Data> **Folder with Your Initials**
      * Do this before beginning coding
    - When finished: click on the “parent\_child\_interaction,” then hold “shift” and select the “notes” and “relevant\_comments” columns, then click on the “spreadsheet” tab and select “hide selected columns”
  + Second to code
    - Add your initials to “check off” a video that needs round 2 of coding in the coding log (Zarpie for PANDA> Video coding> Zarpie Video Coding Log)
      * You will know you’re the second if there are **one set of initials** indicating the video has been coded once already (your initials will be the second on the row of that video SID)
    - Open the other person’s folder based off the initials in the row of the video in the log
      * Server> Data> Studies> PANDA> studies> BC LongHome> Processed Data> **First Coder’s Initials**
    - Find the Datavyu file you want to code based on the SID
    - “Save As” SID\_studyname\_dot\_FirstCoderInitials\_YourInitials
      * + E.g. 151H\_intervention\_10.7.19\_MR(first coder)**RM(second coder)**
      * Do this before beginning coding
* **Video Log:** server> data> studies> PANDA> studies> Zarpie for PANDA> Video coding> Zarpie Video Coding Log
* **Videos:** server> video> PANDA videos> Zarpie converted vids **or** Zarpie Prolific Converted Vids
* **Demo form:** server> data> PANDA> studies> Zarpie for PANDA> Raw Data> demo\_orig\_valid\_videoDrops (5) **or** demo\_pro\_valid\_videoDrops (7)
* **Error Checking Script**: Pinned in the #panda\_datavyu channel on slack or on your desktop
  + Make sure you are using the right one!
    - Primary/first coder: **error\_checking\_fixed\_8.16\_5.rb**
    - Reliability/re/second coder: **error\_checking\_fixed\_MMR\_9.10\_rel.rb**