Basic Info

ManyBabies1 Laboratory Questionnaire

This questionnaire collects detailed information about how your lab runs, specifics about how you are implementing ManyBabies1 and/or ManyBabies1B in your lab, and confirms that you have read through the documentation associated with the study. Participants in the gaze-following study are also asked to fill out this questionnaire.

Laboratory

University

City/Country

One of the most important things for keeping track of all the different participating labs is having a unique and consistent identifier for each lab. Please choose an informative, lower-case identifier in the following format: labname-institution (e.g., langcog-stanford or babylab-princeton).You will use this in ALL data reports.

Person completing this form

Please indicate that you have read the appropriate documentation related to the following topics:

- [ ] Authorship/Ethics Guidelines
- [ ] Participant/Recruitment Guidelines
- [ ] Set-up Instructions
- [ ] Recommended Participant Questionnaire (you can use your own if it collects all the necessary information)

Will you be contributing data to...

- [ ] the primary ManyBabies1 study
- [ ] ManyBabies-Bilingual (ManyBabies-1B)

Some labs, particularly those involved in the ManyBabies Bilingual project, will also contribute data on infant gaze-following as a second study. More information is available at https://osf.io/t5pb8/ and from Krista Byers-Heinlein (k.byers@concordia.ca).

Are you contributing data to the gaze-following study?

- Yes
- Maybe
- No

Please list one or two people from your lab who will be making an author-level contribution (in exceptional cases, more authors may be allowed), and their role on the project (consult the authorship guidelines for further information). We will update/confirm this information with you at the end of the year. If you are participating in the bilingual (and/or gaze-following) study, please clarify which authors will be involved with which studies.

Please indicate the status of your ethics approval

- I have ethics approval on an existing protocol or an amendment to an existing protocol that will cover the ManyBabies1 study.
- I have a new ethics approval that will cover the ManyBabies1 study.
- I have submitted an ethics approval and I am waiting to hear back and/or it is currently being revised.
- Other

Please indicate if the planned start date for your data collection is later than the main ManyBabies1 start date of May 1, 2017. (Please do not start BEFORE the formal start date.)

Please indicate if the planned end date for your data collection is earlier than the main ManyBabies1 end date of April 30, 2018. (Please do not collect data AFTER the formal end date.)

Participant Information

Participant sampling information

In answering the questions below, please keep in mind:
a) Ideally, we prefer that you test at least 32 infants per age group (referred to as a “full block”), however, we will accept a minimum sample of at least 16 babies (a “half block”)
b) “fuss-outs” and other discards ARE counted as part of your N, so the minimum contribution for each age group is N = 16 (but ideally N = 32) including discards.
c) You do NOT need to provide data in increments of 16. If you test 43 babies, please send us all 43.
d) the more separate ages you can provide, the better - i.e. 2 half-blocks at two different ages is better than 1 full block at one age. Kindly keep in mind that we are more likely to need younger babies than older babies.
e) Please ensure that you are familiar with the exclusion policy and policy on testing of second session babies.

Primary ManyBabies1 sample (monolinguals)

What is your stopping criterion for data collection for your ManyBabies1 sample (including ManyBabies1B if you are collecting a bilingual sample)? Note that if circumstances change and you need to alter your stopping criterion, you may do so, provided a) you inform ManyBabies 1 of the change and b) your reasons are not related to the infants' performance in the study or the number of discards.

- When you have tested the specific number of babies listed for each age group as indicated below (note that N includes all babies, regardless of whether they complete the study or fuss out)
- When the official time for data collection ends, i.e., you will continue testing as many babies as you can until data collection closes for the ManyBabies1 project or you reach your alternative stopping date listed above.
- I am not collecting any ManyBabies1 data
- Other

For your contribution to the primary ManyBabies1 sample (including monolingual "control" samples for ManyBabies-1B, but ***NOT*** including the bilingual sample itself), please indicate your expected contribution of (N of) infants in each age group. If your stopping rule as indicated below is a time period, this is simply an estimate of the number of babies you expect to collect during the study time period. If your stopping rule is a specific number of babies, this is a commitment to run exactly this number of babies unless you change your stopping rule as described above.

	None	16	32	Other
3-6 month olds (93-183 days)				
6-9 month olds (184-274 days)				
9-12 month olds (275-365 days)				
12-15 month olds (366-456 days)				

If you answered "other" to any of the age groups in the above question, please specify an exact N here.

What monolingual language populations(s) will you be testing? (Please provide a minimum half-block from EACH language population you test)

Bilingual ManyBabies sample

For your bilingual contribution, please indicate your expected contribution of (N of) infants in each age group. If your stopping rule as indicated below is a time period, this is simply an estimate of the number of babies you expect to collect during the study time period. If your stopping rule is a specific number of babies, this is a commitment to run exactly this number of babies unless you change your stopping rule as described above. Please note that you will also need to provide a monolingual sample in these age ranges, which should be listed above.

	None	16	32	other
6-9 month olds (184-274 days)				
12-15 month olds (366-456 days)				

If you answered "other" to either of the age groups in the above question, please specify an exact N here.

For your bilingual contribution, your sample in each age group should share a single language that is consistent with your monolingual sample (e.g. If the monolingual sample is English-learning, the bilingual infants should all be learning English as one of their languages). Please contact k.byers@concordia.ca if this is not possible in your community. For the second language, will your sample be homogeneous or heterogeneous?

- homogeneous (e.g. all infants English-French)
- heterogeneous (e.g. English-French, English-German etc.)
- Other

Please briefly describe the expected language background of your bilingual sample(s) (e.g., examples of expected language pairs, insofar as this can be predicted head of time)

Gaze-following sample

What is your stopping criterion for data collection for your gaze-following sample? Note that if circumstances change and you need to alter your stopping criterion, you may do so, provided a) you inform the study coordinators of the change and b) your reasons are not related to the infants' performance in the study or the number of discards.

- When you have tested the specific number of babies listed for each age group as indicated below (note that N includes all babies, regardless of whether they complete the study or fuss out)
- When the official time for data collection ends, i.e., you will continue testing as many babies as you can until data collection closes for the ManyBabies1 project or you reach your alternative stopping date listed above.
- Other

For your contribution to the gaze-following study, please indicate your expected contribution of (N of) infants in each age group. If your stopping rule as indicated below is a time period, this is simply an estimate of the number of babies you expect to collect during the study time period. If your stopping rule is a specific number of babies, this is a commitment to run exactly this number of babies unless you change your stopping rule as described above. These babies may be run as a "second study" after the ManyBabies study.

	None	16	32	Other
6-9 month mono (184-274 days)				
6-9 month bil (184-274 days)				
12-15 month mono (366-456 days)				
12-15 month bil (366-456 days)				

If you answered "other" to either of the age groups in the above question, please specify an exact N

Will your gaze-following babies be second-session babies?

- Yes, after ManyBabies
- Yes, after a different study
- No
- Other

What method will you be using to test your gaze-following infants?

- eye-tracking
- central fixation/single screen with offline coding
- Other

Laboratory Details

Laboratory Details

Here we ask you some more detailed questions about how your laboratory functions. We have two main goals asking these questions. First, we need a full and accurate record of everyone's procedures as part of our Open Science policy. Second, as part of ManyBabies' more general goal of developing Best Practice guidelines, we would like to a) get a sense of what ARE the current practices out there and b) conduct some exploratory analyses regarding whether there are detectable relationships between different practices and the effect sizes obtained in our study.

Please respond as best you can based on your lab's ACTUAL practice if it differs from the formal processes described in your lab manual (e.g. if you have a policy of checking equipment once per week, but this doesn't actually happen in practice, please report the practice, not the policy).

We recognize that some of these questions may be viewed as assessing your lab's quality. Please rest assured that our goal is not to assess the practices of individual laboratories. Although we can't guarantee confidentiality, we stress that any findings from exploratory analyses would not be valid assessments of individual laboratories. We ask that you answer all questions honestly for the sake of the validity of those analyses.

Please list your primary sources of infant recruitment (e.g. mailout via the Health department, magazine ads, posters, parenting tradeshows, childcare centers, hospitals, community organizations, etc.) and approximate the percent that come from each (a rough estimate is all we're looking for). If sample screening occurs during this process (e.g. Health mailouts only to healthy infants), please list those screening factors here.

Please ***briefly*** describe your recruitment/screening process once contact is made with a participant, but BEFORE the infant enters your lab. Please focus on aspects of this process that may influence who decides to sign up. Any details that are included in your walk-through video do not need to be repeated here. As a reminder, inclusion criteria for ManyBabies include: monolingual, 37+ weeks gestation, typically developing, and normal hearing (see instructions for details). Please avoid excluding infants for reasons not listed in the instructions, however if deviations are necessary due to your lab procedures/ethics approval, please describe them below.

How are participants compensated and how much are they given? (Multiple selection will be treated as additive - they get both - unless you indicate otherwise.)

- [ ] Parking/bus Reimbursement
- [ ] Toys/books
- [ ] Stickers
- [ ] Cash
- [ ] Intro Psych Credit
- [ ] Other

What level of academic achievement is required for RAs in your lab to be allowed to test infants? Please provide details where relevant. (Multiple selection will be treated as additive requirements unless you indicate otherwise.)

- [ ] Any level (including undergraduates of any level) as long as they are appropriately trained
- [ ] Undergraduates with specific coursework (e.g. child development, research methods)
- [ ] Undergraduates with a minimum grade point average (GPA)
- [ ] Undergraduates in an honours track only
- [ ] Must have an undergraduate degree
- [ ] Graduate students only
- [ ] Other

Please ***briefly*** describe your training process for RAs, specifically for the method(s) you will be using for the ManyBabies1 project.

What criteria do you use to determine if an RA is ready (i.e. sufficiently trained) to test babies?

Method/Equipment Information

Method/Equipment Information

Here we ask about some details of your set-up, specifically regarding your ManyBabies data collection.

Will you be collecting data with an eyetracker?

- yes
- Maybe
- No

Please specify the hardware and software you will be using for eyetracking. Additional details unique to your set-up can be provided in the walk-through video.

Will you collect data using a central fixation/single-screen visual paradigm?

- Yes
- Maybe
- No

Please specify the hardware and software you will be using for central fixation. Additional details unique to your set-up can be provided in the walk-through video.

Will you collect data using a Headturn Preference Procedure set-up (typically 3 screens or lights)?

- Yes
- Maybe
- No

Please specify the hardware and software you will be using for the Headturn Preference Procedure. Additional details unique to your set-up can be provided in the walk-through video.

How is your Left-Right side presentation determined? (E.g. Fully Random, specify an order, Random with not more than 2 on the same side in a row)

If you are using flashing lights, or a flashing display, what is the blink rate of your visual display?

- 3 per second
- 2 per second
- I don't have a flashing display
- Other

Will there be any deviations from the protocol as described in the Instructions? Please read the instructions carefully to ensure that any deviations are documented. Only deviate if failing to do so would be too technically difficult or cause confusion to RAs.

- Yes
- No
- Unsure

Please succinctly describe the deviations below and the reason for them (e.g. “Trials will be repeated if looking time was less than 1.5 s as we do not have the flexibility to alter this in the software”).

For your gaze-following study contribution, will you be using

- eye-tracker
- central fixation/single screen
- other

Where is the experimenter located?

- In a separate control room
- In the same room as the participant (please specify the kind of headphones worn by the experimenter and/or other blinding measures)
- In the same room but looking is coded offline-only or by eye-tracker
- Other

What kind of sound attenuation do you have in your testing room?

- Sound-"proof" booth
- Sound-attenuated chamber (i.e., room with really good insulation)
- Room in a quiet location in the building
- Room with occasional mild/moderate noise from adjacent room(s)
- Other

Is the infant held by a caregiver/experimenter during testing? If you select multiple answers to this question (e.g. some babies are held, some are in a seat), please ensure to provide information about which babies are held when you send your dataset.

- Yes - caregiver
- Yes - experimenter
- No

What headphones are used for the caregiver (or experimenter holding the infant)'s masking music? Please list an explicit brand name.

Data

What kind of looking time data will you be providing?

- Online, human-coded, infant-controlled trial length
- Online, eye-tracker, infant-controlled trial length
- Online, eye-tracker, fixed trial length
- Offline, human-coded, fixed trial length (Please provide information about your coding practices/software)
- Other

What decibel level are the stimuli measured at in your testing booth? **IMPORTANT: Please measure dBA and use the separate reference audio file provided to take your measurement so that we can accurately compare one lab to another. We also ask you to take a measure without the stimuli so that we can calculate the signal-to-noise ratio. Please include the phrase "using reference audio" in your answer here in addition to the numerical value (e.g. "70 dBA using reference audio, 20 dBA without") to indicate that you saw and understood this edited version of the instructions. 5/4/2017**

Please describe (approximately) how often you test/check each of the following after initial set-up

	Before each testing session	Once per day	Once per week	Occasionally	Rarely/never
Sound stimuli					
Masking Music					
Visual Display					

Attachments

Attachments

Please confirm that you are sending separately (via the Google Drive folder) the following items

- [ ] A copy of your demographics questionnaire if you are not using the recommended form.
- [ ] A copy of your ethics approval
- [ ] A sample videorecording of the procedure being run (can be “dummy data” if you do not have permission to share from participants) - this may be distributed via Databrary if you have an account there.
- [ ] A “walk through” video describing your lab set-up and greeting process. Please ensure that you have any needed video release forms for people who appear in your video. This is left to your judgment.

Block 6

Is there anything else we should know that we didn't ask about? If so, please provide that information here!

You have reached the end of the laboratory questionnaire! Congratulations. Once the global start date (May 1) has passed, and assuming you have ethics approval in place, you may begin data collection. We will have a series of group meetings in May. If you would prefer that we contact you one-on-one to go over things before you start data collection, please indicate below:

- ○ No thanks - I'm feeling confident and/or I'll bring any questions to the group meetings or via Slack
- ○ Yes please - I'm feeling a bit lost and/or have some specific questions I'd like to talk with you directly about
- ○ Other