Many Babies 3 pupil dilation spin-off: call for participation

MB3 studies rule learning in infants 5-12 months. See info here about the main study: https://manybabies.org/MB3/ Pupil dilation is often interpreted as a measure of cognitive load and as a measure of violation of expectation. In the test phase of the MB3 experiment, such violation of expectation is expected when novel sequences are presented. Similarly, during familiarization, cognitive load is thought to diminish as repetitions of the same stimulus require less attention to process them. The goal of the current spin-off is to empirically test such questions. At least 15 labs in MB3 collect data with eye-tracking which provides a great opportunity to study pupil dilation in rule learning tasks. Data collection is not necessary for this project, the project will make use of the MB3 data.

Please let us know whether you are interested in joining this spin-off by completing the https://www.when2meet.com/?22124060-P4AvJ for an **initial meeting in January** 2024.

In the meeting, we will elaborate on the research questions and work on planning next steps.

Best, Ingmar
Also on behalf of Julien Mayor & Sylvain Sirois

PS: MB2 has a pupil dilations spin-off, for inspiration here's some of their materials.

MB2P homepage:
https://manybabies.org/MB2P/

MB2P pre-reg document:
https://docs.google.com/document/d/1ROl_RBtYMDXtP_XwLeWtcWFiwDi1-fzxddEEtxuSinc/edit

MB2P meeting notes:
https://docs.google.com/document/d/1ImFSOOzvcWXCiXH_4_xNzjYH63XNcgPel8Tuf15qOsw/edit?usp=sharing