

An Itsy Bitsy Audience: Infants' responses to a live or recorded opera for babies

Haley E. Kragness, Matthew Eitel, Faith Anantharajan,
Aimée Gaudette, Bryna Berezowska & Laura K. Cirelli

SSHRC  CRSH



UNIVERSITY OF
TORONTO
SCARBOROUGH

120 tiny LIVELab concert-goers brought their parents to an opera...



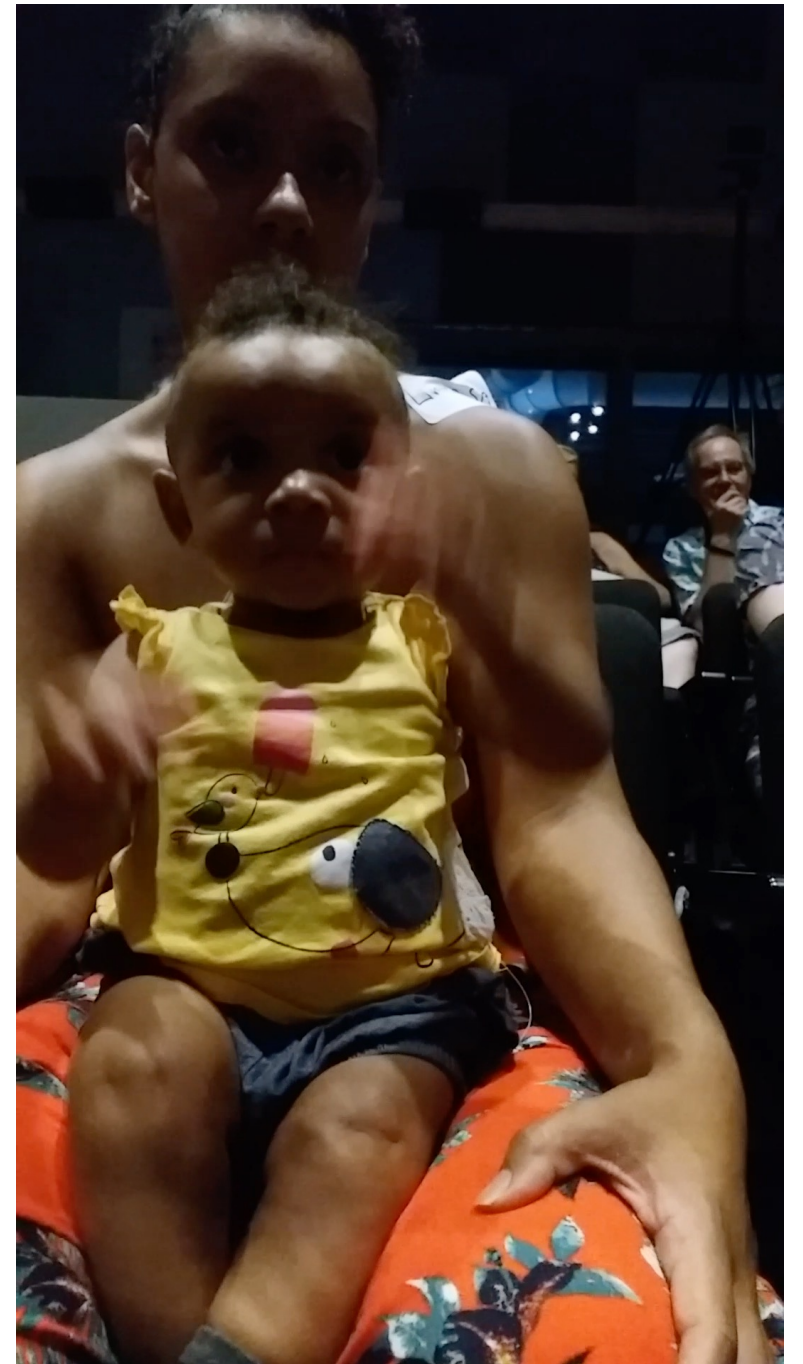
6 to 14-month-olds
 $N = \sim 30$ infants per show
12 min performance



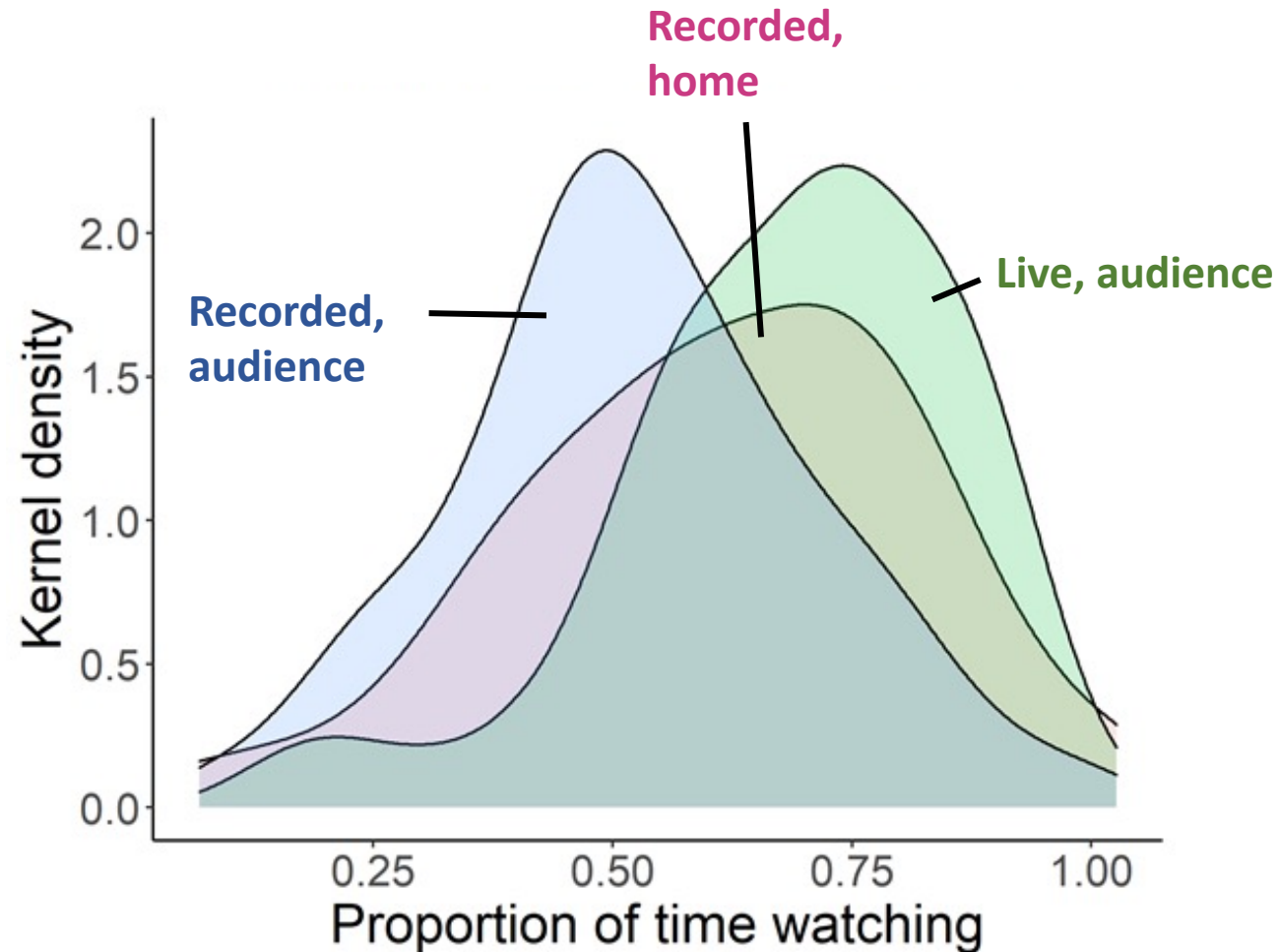
An additional 60
infants watched via
Zoom from **home**

We continuously
recorded infant

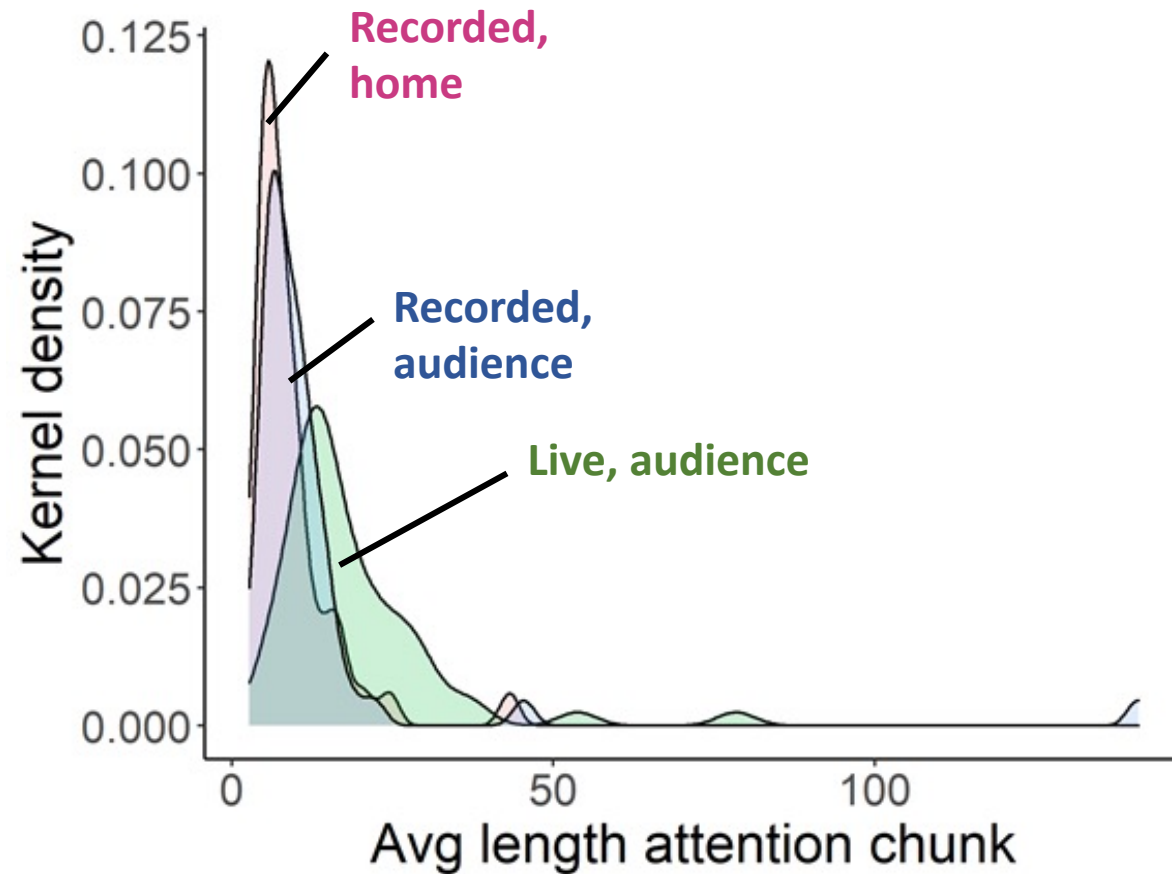
- 1) attention
- 2) rhythmic movements
- 3) heart rate



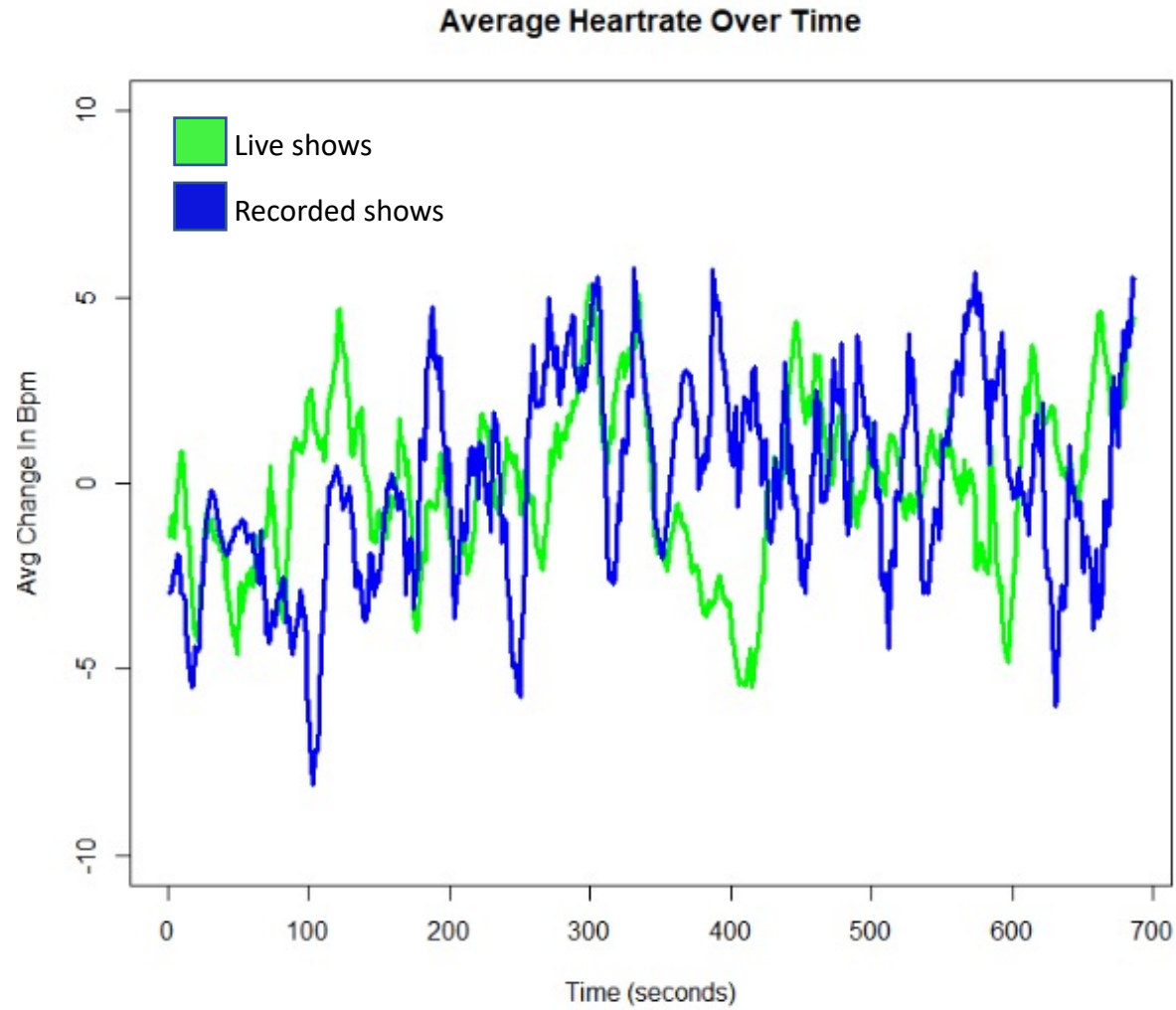
The **live audience** condition elicited the most attention, and the **recorded audience** condition elicited the least



The **live audience** condition elicited longer periods of sustained attention



Infant heart rate results



Do infant rhythmic movements vary across conditions/age/musical background?

