Running head: INFANT POSITION IN THE HOME

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Full-day, in home validation of infant body position measurements from inertial sensors

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## Abstract

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 $\label{eq:keywords:motor} \textit{Keywords:} \ \ \text{body position, motor development, everyday experiences, sitting, machine}$  learning

Word count: X

Full-day, in home validation of infant body position measurements from inertial sensors

#### Current

#### Methods

**Participants** 

**Apparatus** 

Procedure

Body position annotation

Body position classification

Goal 1: Optimize and validate body position classification model

Goal 2: Assess classification accuracy across a long delay

Goal 3: Examine wear time and compliance in full-day data collection

Goal 4: Compare classification estimates to prior literature

#### Discussion

# References