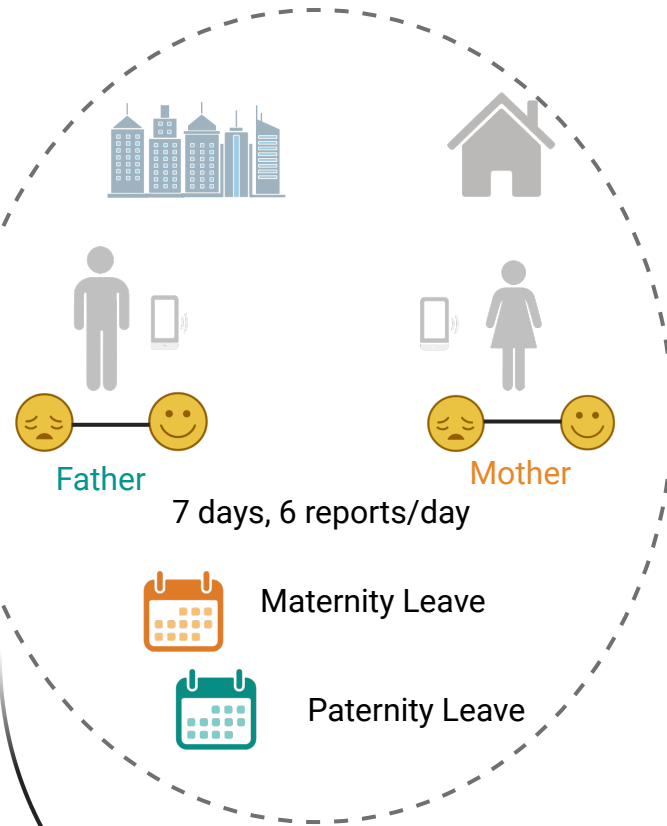


Data Collected

RQ1, RQ2: Daily Valence & Arousal Reports

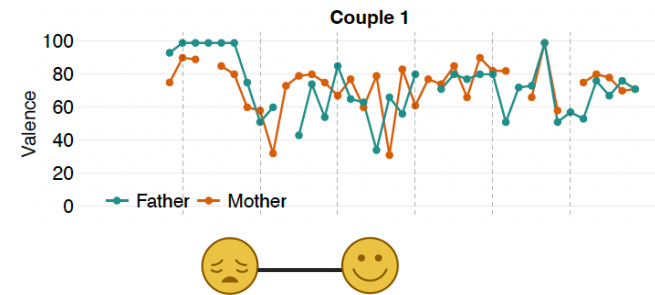


RQ3: Couples within 50m

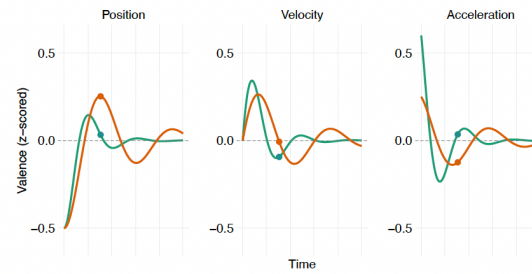


Data Processing & Models

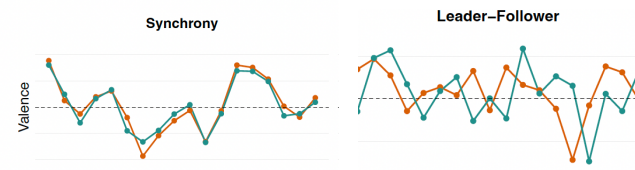
Within-person standardization



Estimation of position, velocity & acceleration of individual emotional states



Modelling of parents' mutual influence



Interpretation

Bayesian Coupled-Oscillator Model to compare:

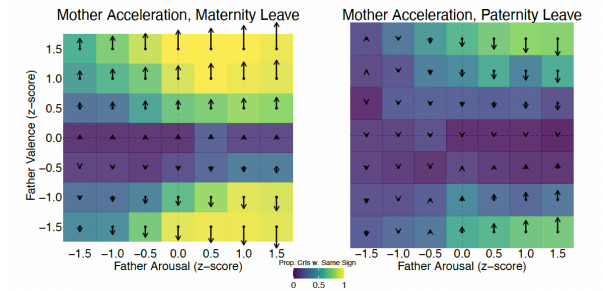


Fathers vs Mothers



Maternity Leave vs Paternity leave

Individual Regulation, Co-Influence Patterns



Testing of control models (e.g., surrogate)

