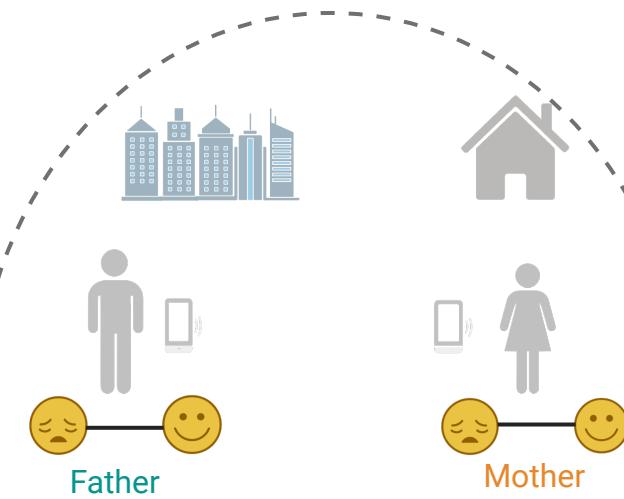


## Data Collected

RQ1, RQ2: Daily Valence & Arousal Reports



7 days, 6 reports/day



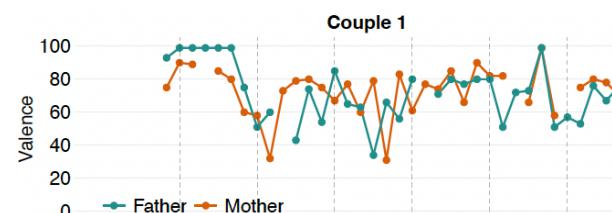
Paternity Leave

RQ3: Couples within 50m

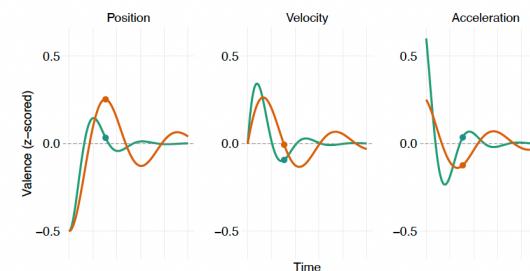


## Data Processing & Models

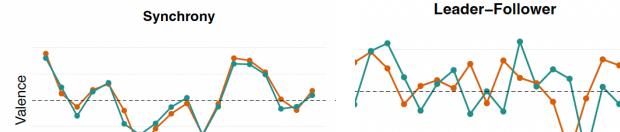
Within-person standardization



Estimation of position, velocity & acceleration of individual emotional states



Modelling of parents' mutual influence



## Interpretation

Bayesian Coupled-Oscillator Model to compare:

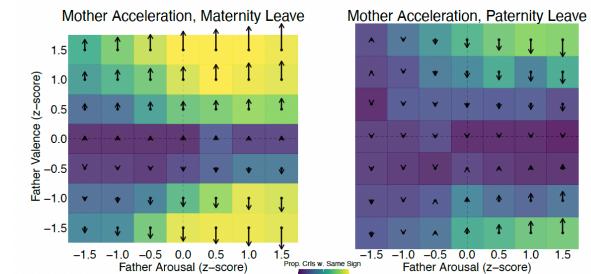


Fathers vs Mothers



Maternity Leave vs Paternity leave

Individual Regulation, Co-Influence Patterns



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

