

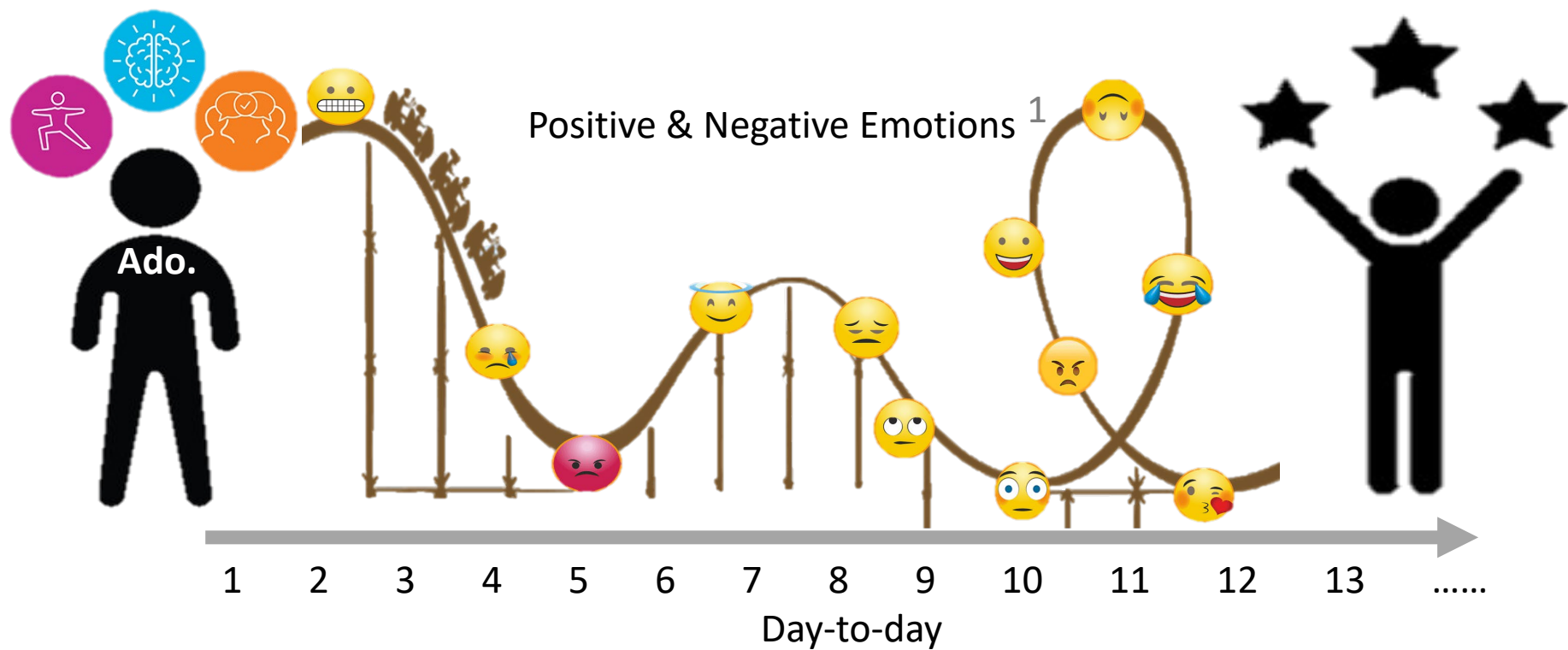
# Daily Dynamics of Parent-Adolescent Closeness and Conflict in Relation to Adolescent Positive and Negative Emotions

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<sup>1</sup> Chiang et al. (2013)





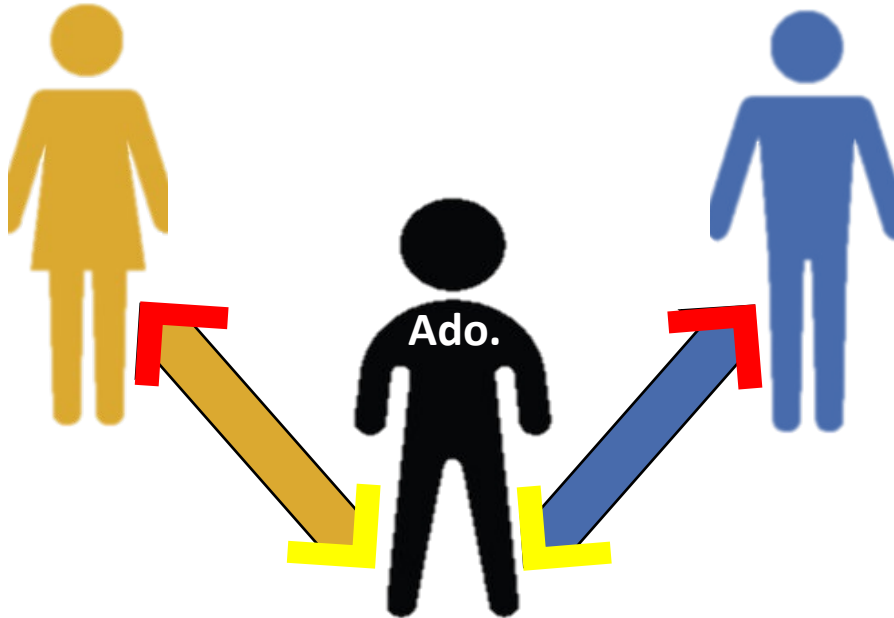
Family = A primary, long-lasting developmental context

**Parent-Adolescent Dyad**



Temporal interpersonal emotion systems<sup>2</sup>

- Closeness<sup>3</sup>
- Conflict



1. **Mother-Adolescent (MA) vs. Father-Adolescent (FA)**
2. **Parent- vs. Adolescent- perceptions of their relationships**

Pos. & Neg. Emotions

<sup>2</sup> Loughheed (2023)

<sup>3</sup> Morries et al. (2017)



# Research Questions:

**1**

- **What are the daily dynamics between parent-adolescent closeness/conflict and adolescent PA/NA?**

**2**

- **Whether and how MA and FA dyad may differentially associate with adolescent PA/NA?**

**3**

- **Whether and how parent- and adolescent-perceived relationship dynamics may differentially associate with adolescent PA/NA?**



# Samples, Measures, & Analysis



## P-A Daily Relationships

- **Mother**

Closeness: My child was close and connected with me today.

Conflict: There was tension between my child and me today.

- **Father**

Closeness: My child was close and connected with me today.

Conflict: There was tension between my child and me today.

- **Adolescent** (*repeat for both parents*)

Closeness: My [parent] was close and connected with me today.

Conflict: There was tension between my [parent] and me today.

## Adolescent Daily Emotions

- **Positive Affect**

(1) I experienced a lot of joy today.

(2) Today was a fun day.

- **Negative Affect**

(1) Today was a very frustrating day.

(2) I experienced a lot of anxiety today.

## Analytic model: Vector Autoregressive (VAR) Model

- **Four VAR models**

- PA closeness + PA conflict + adolescent Pos + adolescent Neg
- (1) M-report MA, (2) F-report FA, (3) A-report MA, and (4) A-report FA

- **Within-family level**

- Same-day concurrent associations among all four variables per model
- Next-day lagged associations between each variable pairs + all stability paths

- **Between-family level**

- Correlations among all key variables and estimated parameters

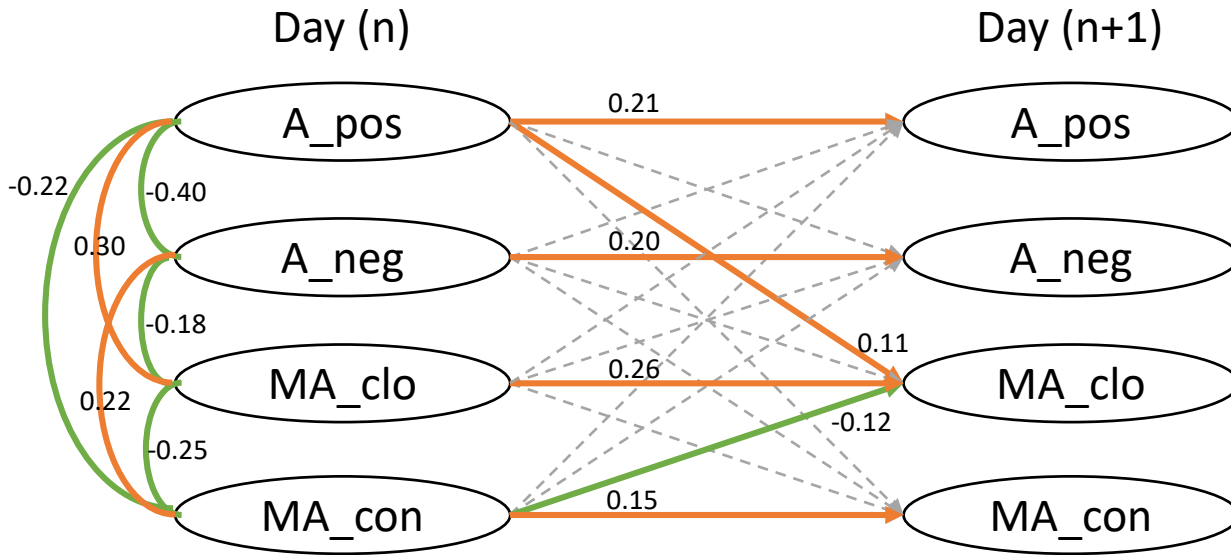
### Sample info:

- Up to 30 days from M, F, & A in two-caregiver families
- **N**=107 families, **n**=3210 days
- **Age:**  
Adolescent: 11-18, M=14.75 (S/F)  
mother: 31-64, M=42.78 (S/F)  
father: 30-71, M=43.02
- **Gender:**  
59% males, 38% females, 3.0% non-binary or prefer not to say
- **Race/ethnicity:**  
59% White, 29% Black, 3% Hispanic, 4% Asian, 5% Mixed races
- **Household Income:**  
Median \$80,000~\$89,999



**Within-Family Level**

- Mother-report MA



- Father-report FA

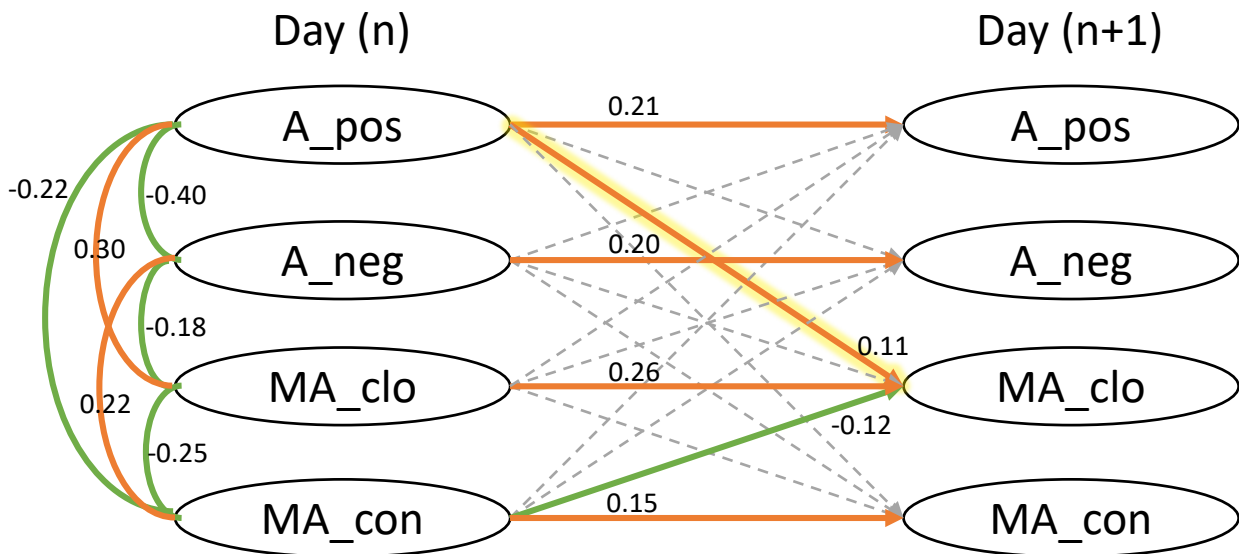
- Adolescent-report MA

- Adolescent-report FA

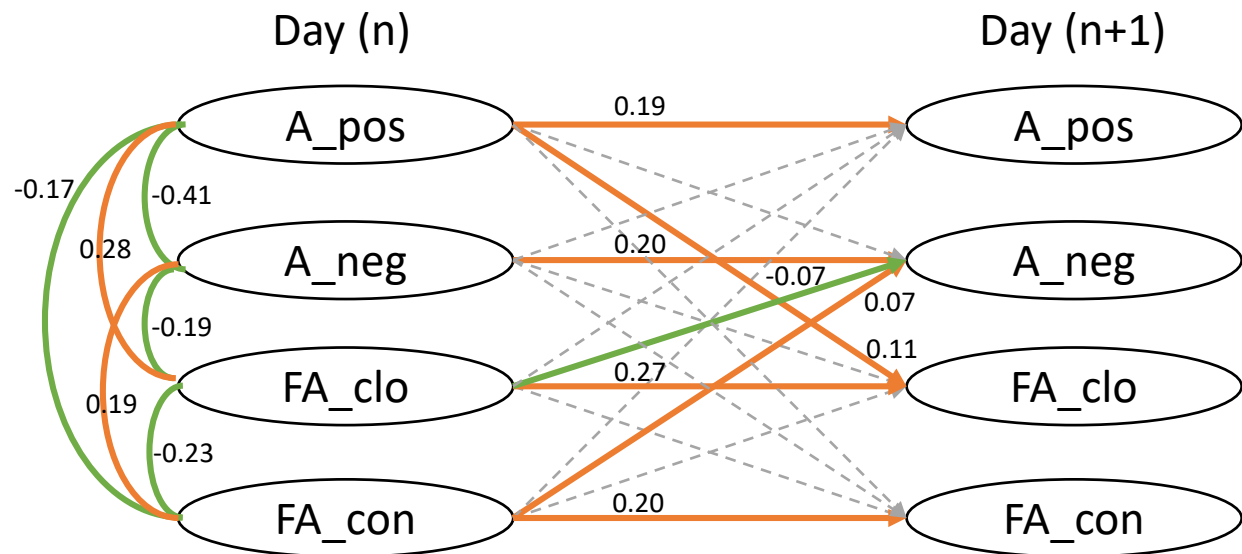


# Within-Family Level

- Mother-report MA



- Father-report FA



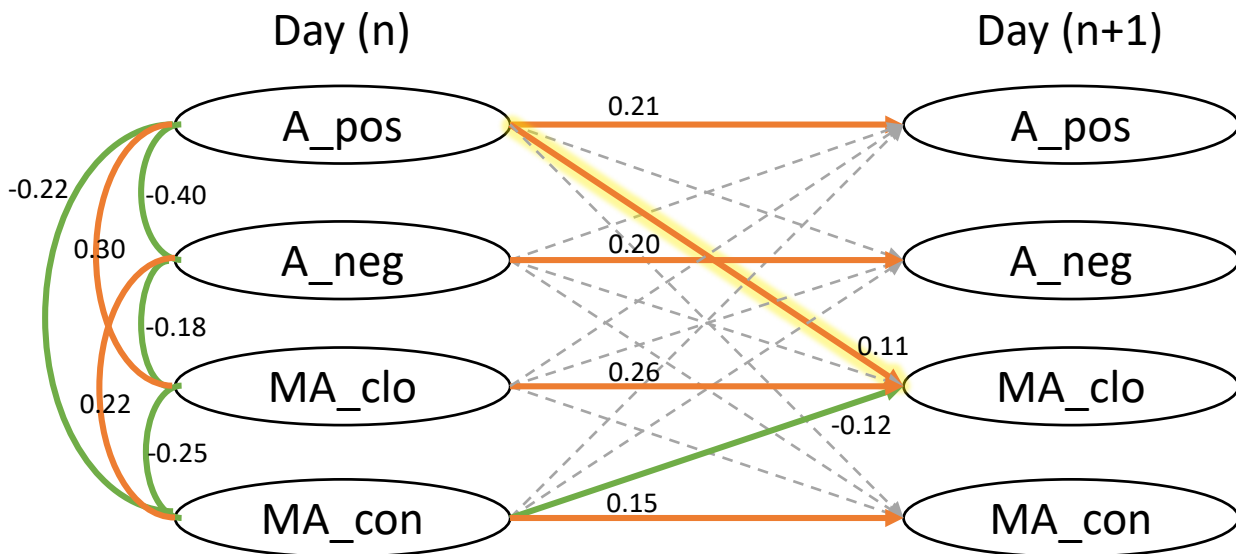
- Adolescent-report MA

- Adolescent-report FA

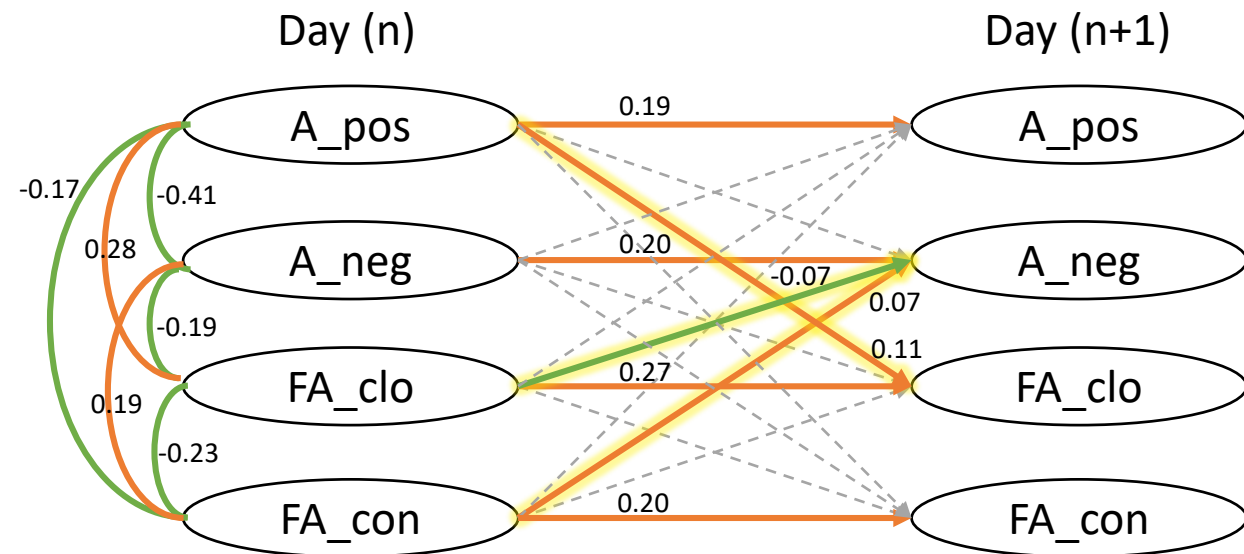


## Within-Family Level

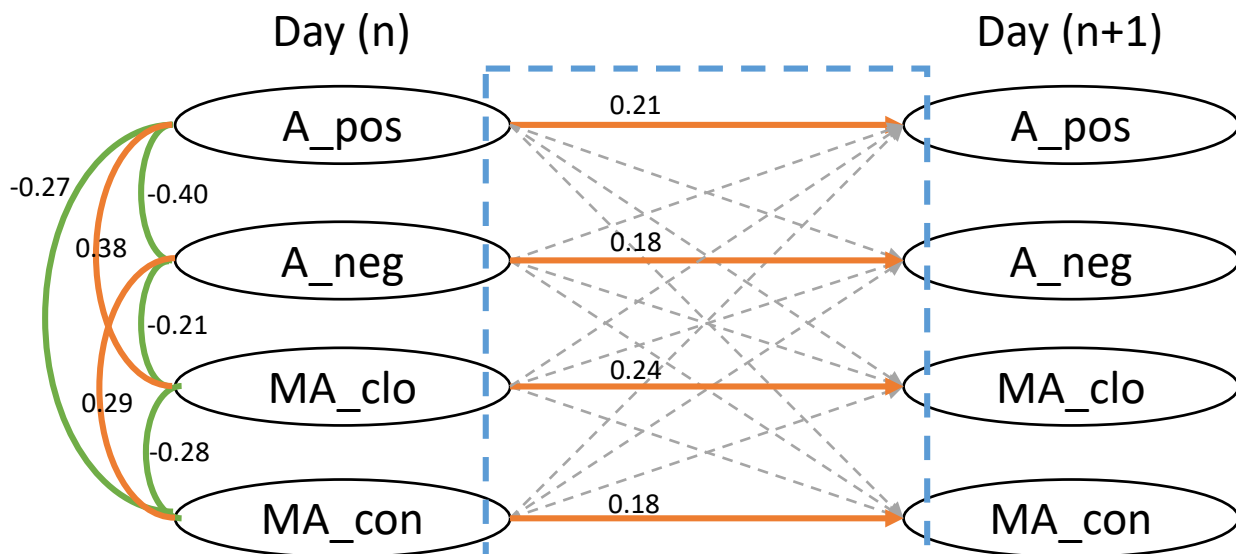
### • Mother-report MA



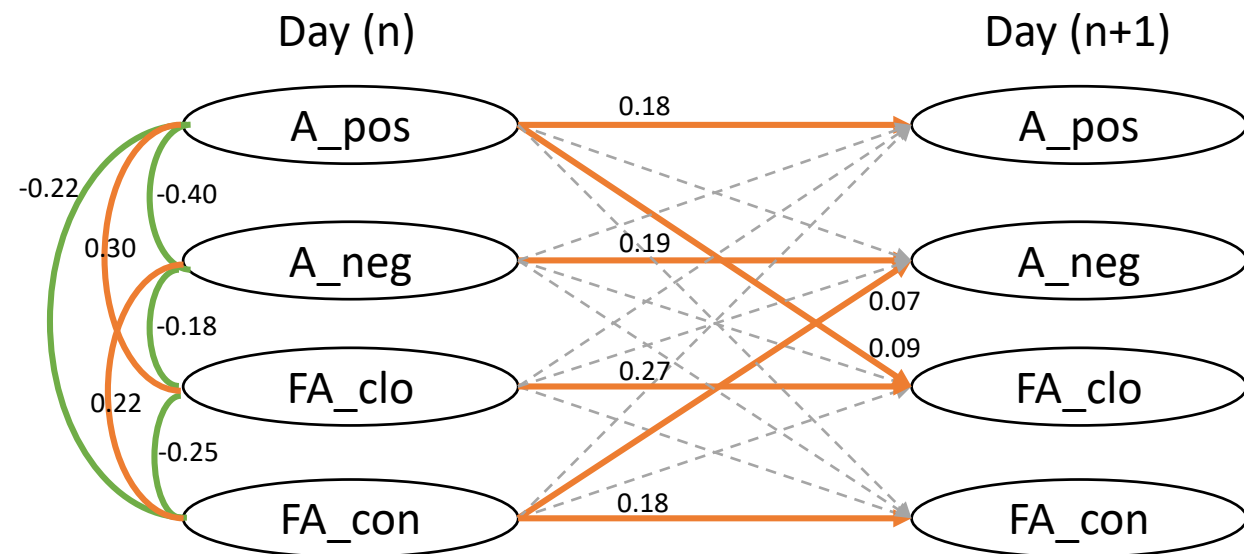
### • Father-report FA



### • Adolescent-report MA



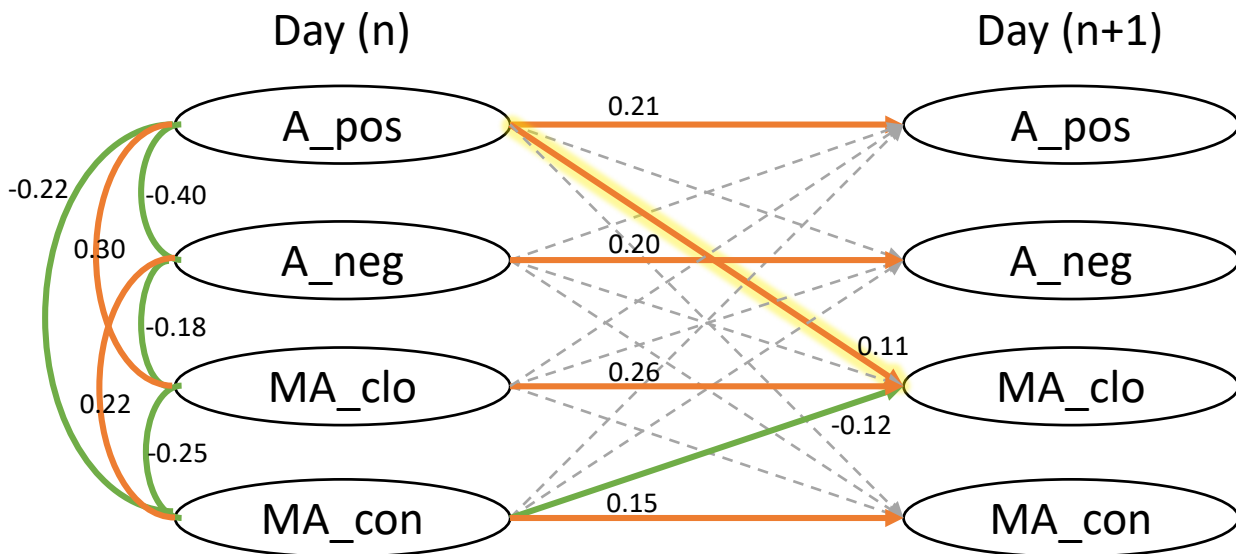
### • Adolescent-report FA



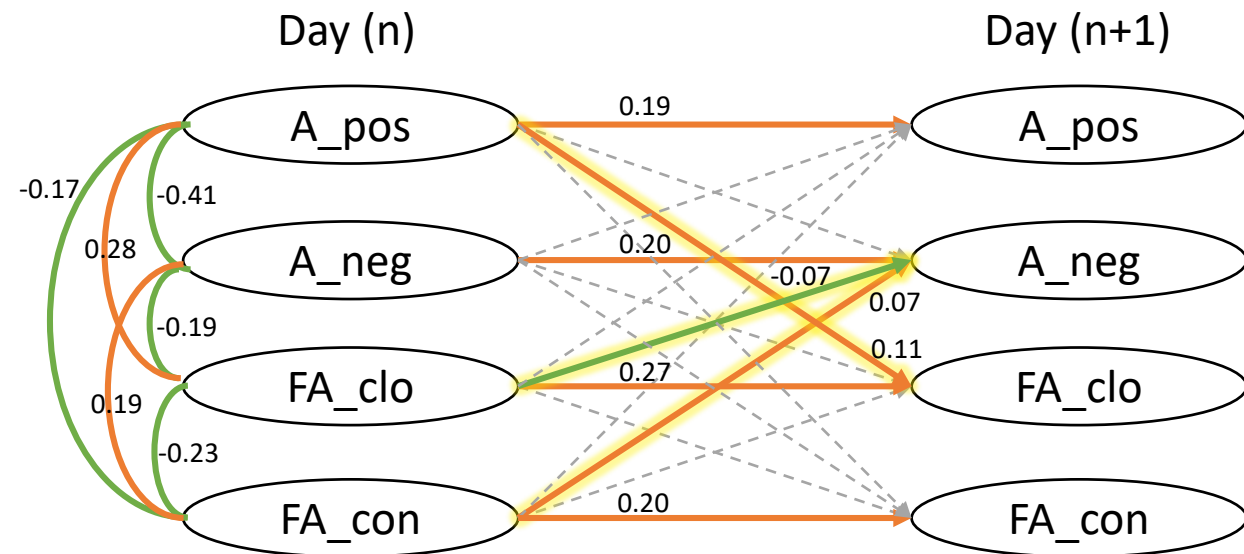


## Within-Family Level

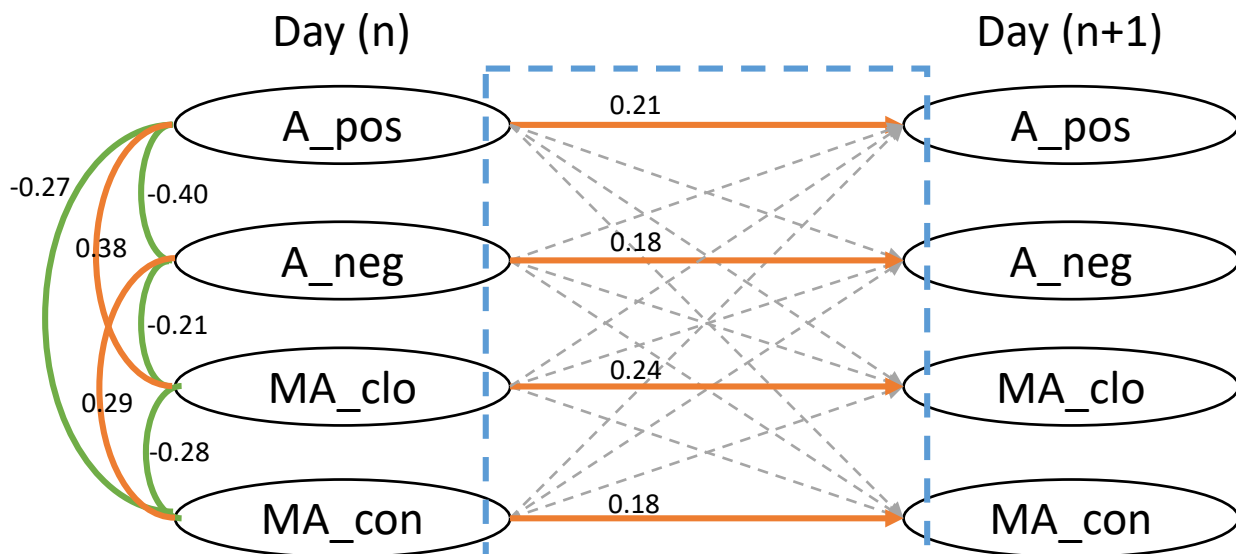
### • Mother-report MA



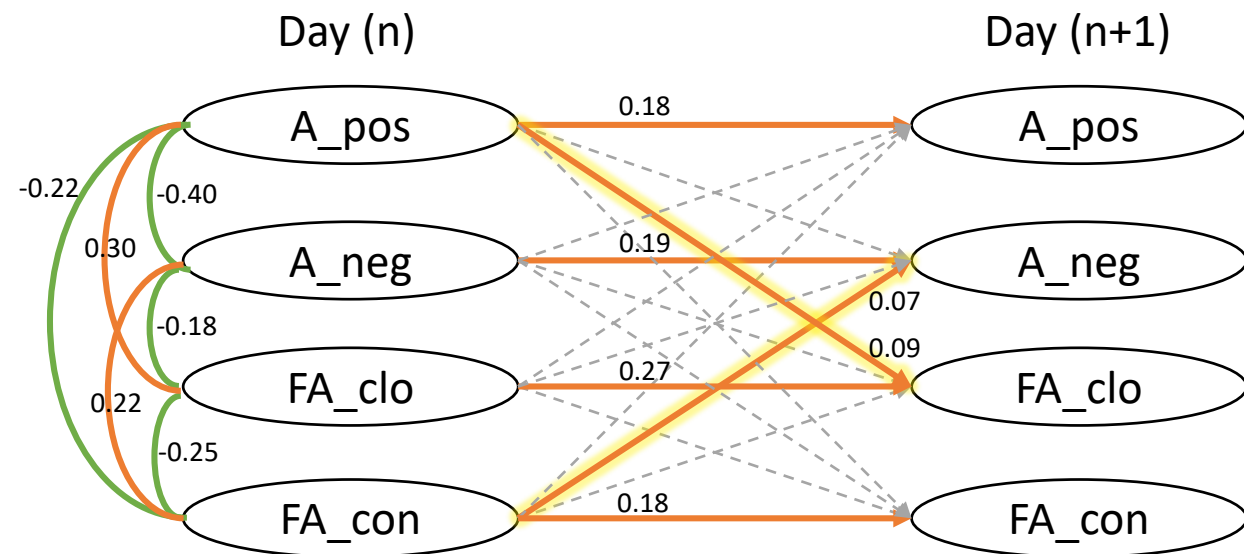
### • Father-report FA



### • Adolescent-report MA

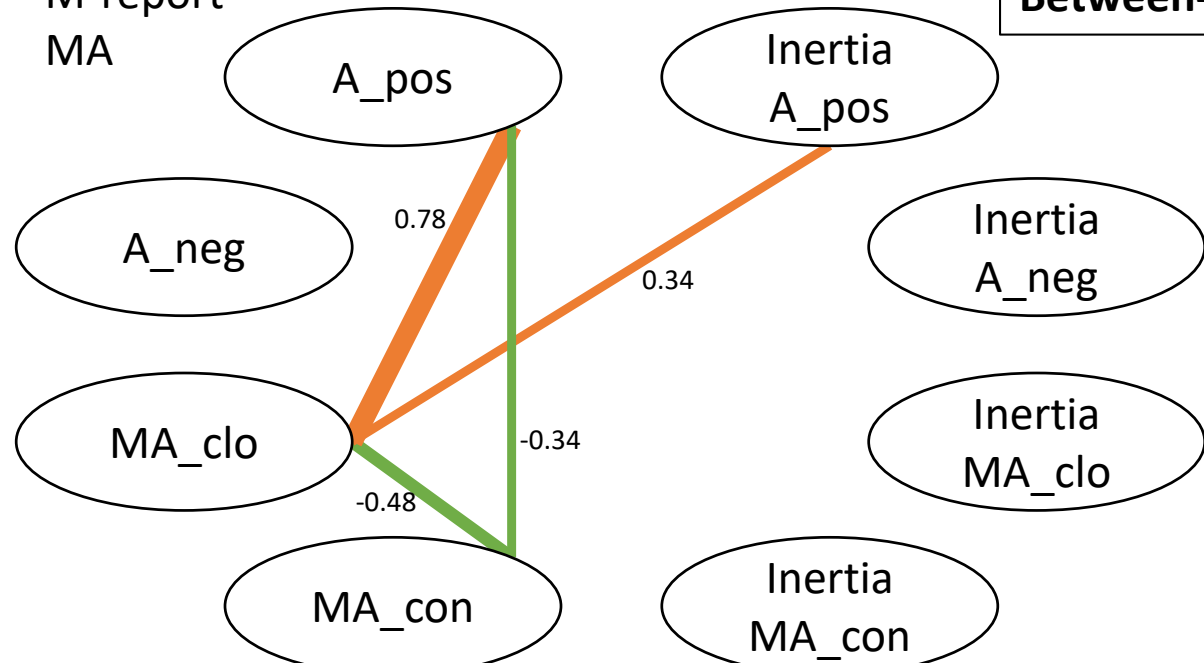


### • Adolescent-report FA

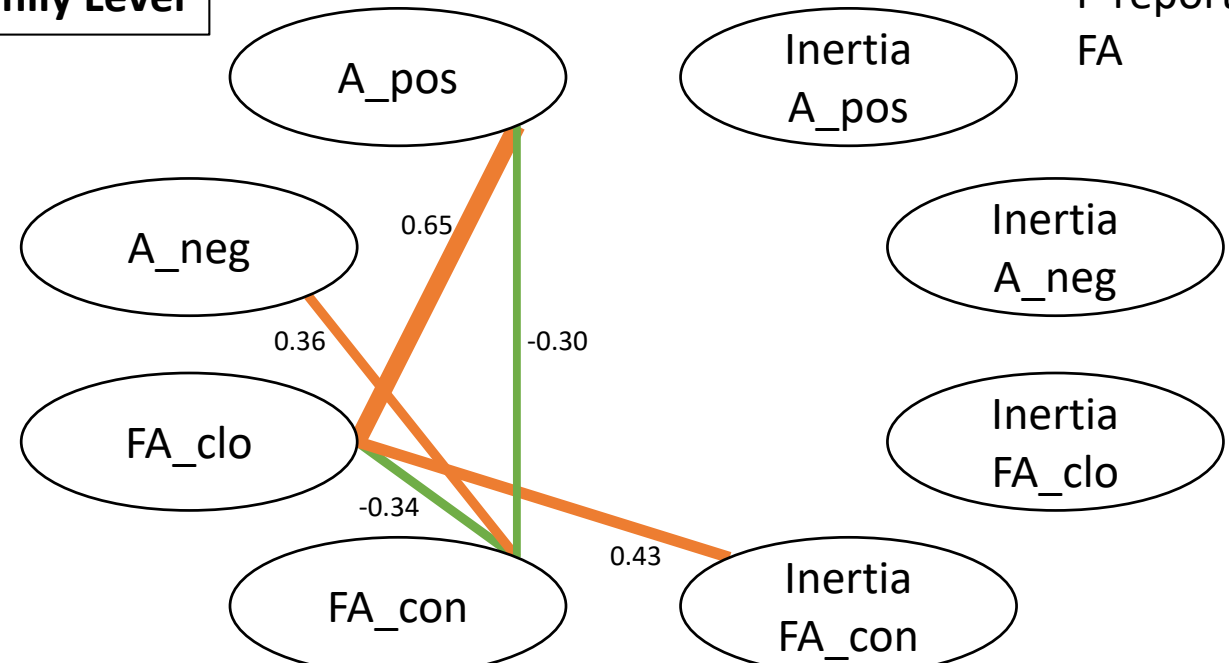




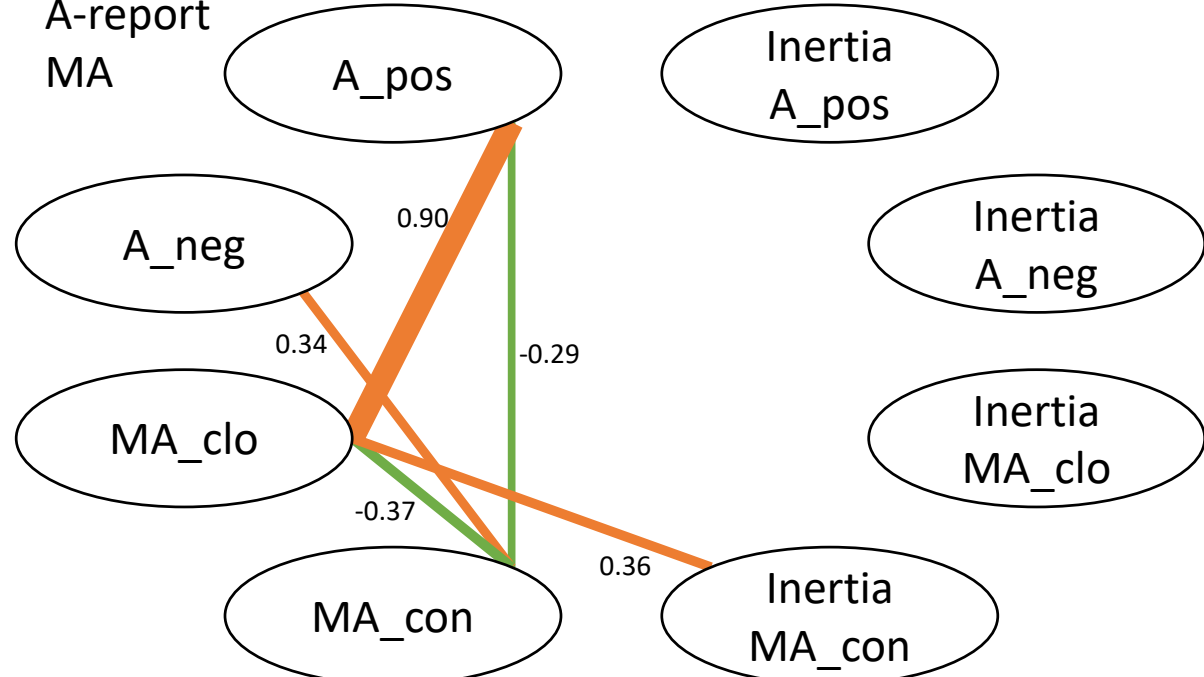
• M-report  
MA



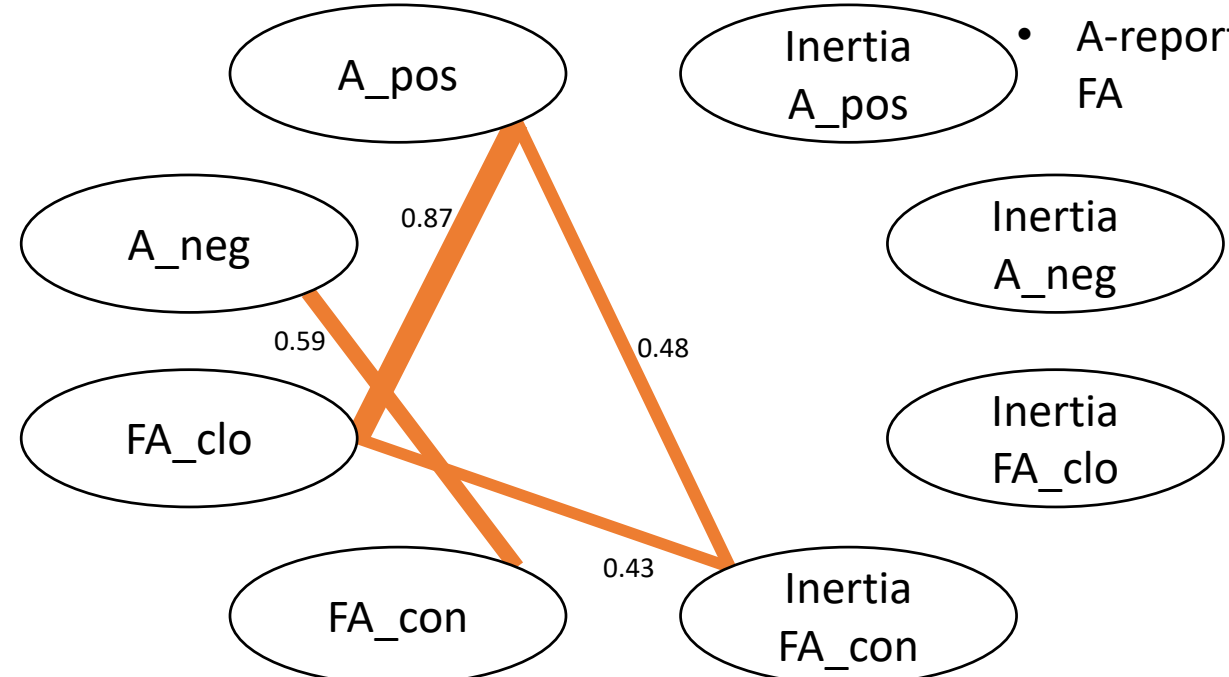
• F-report  
FA



• A-report  
MA

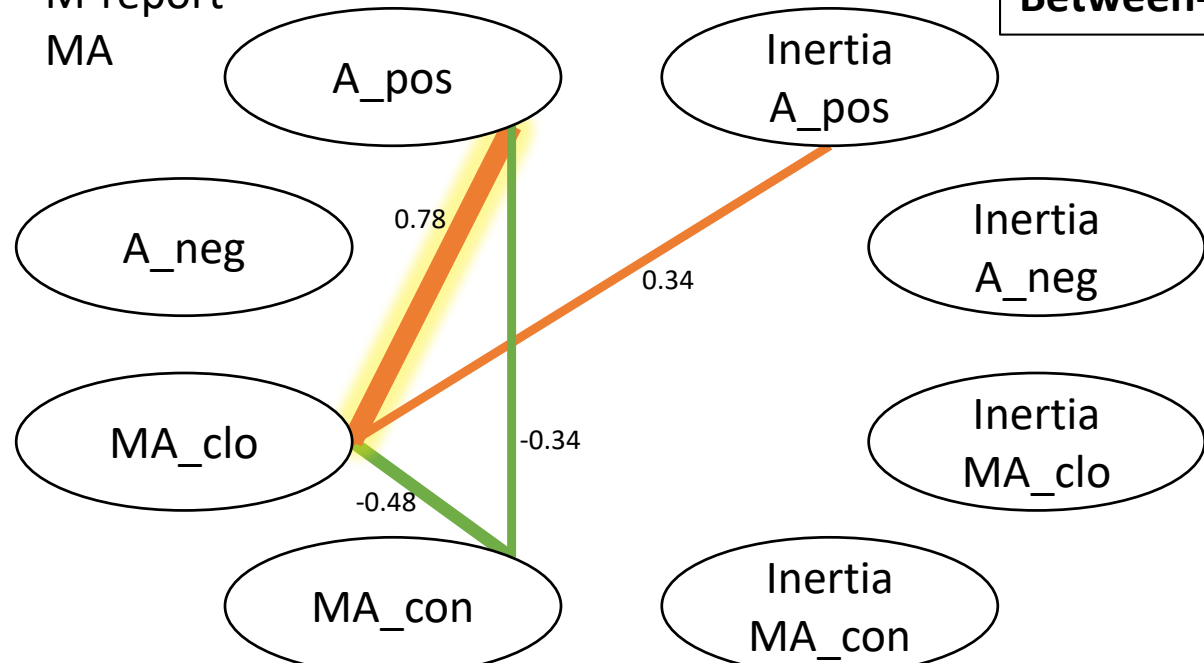


• A-report  
FA

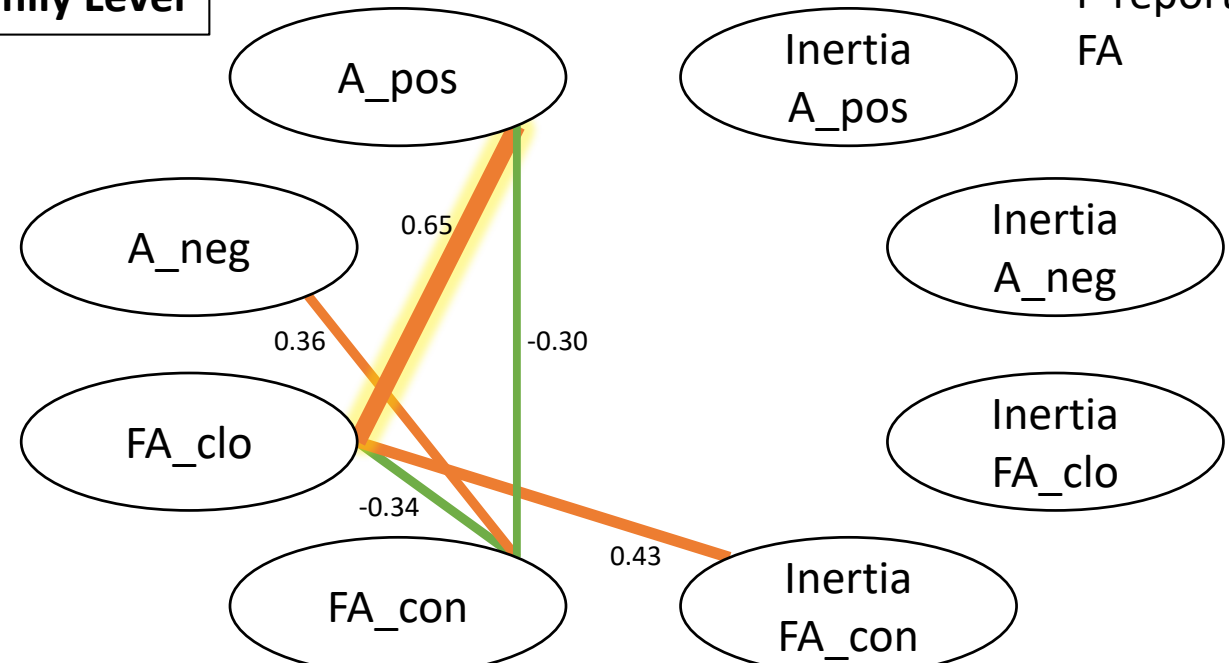




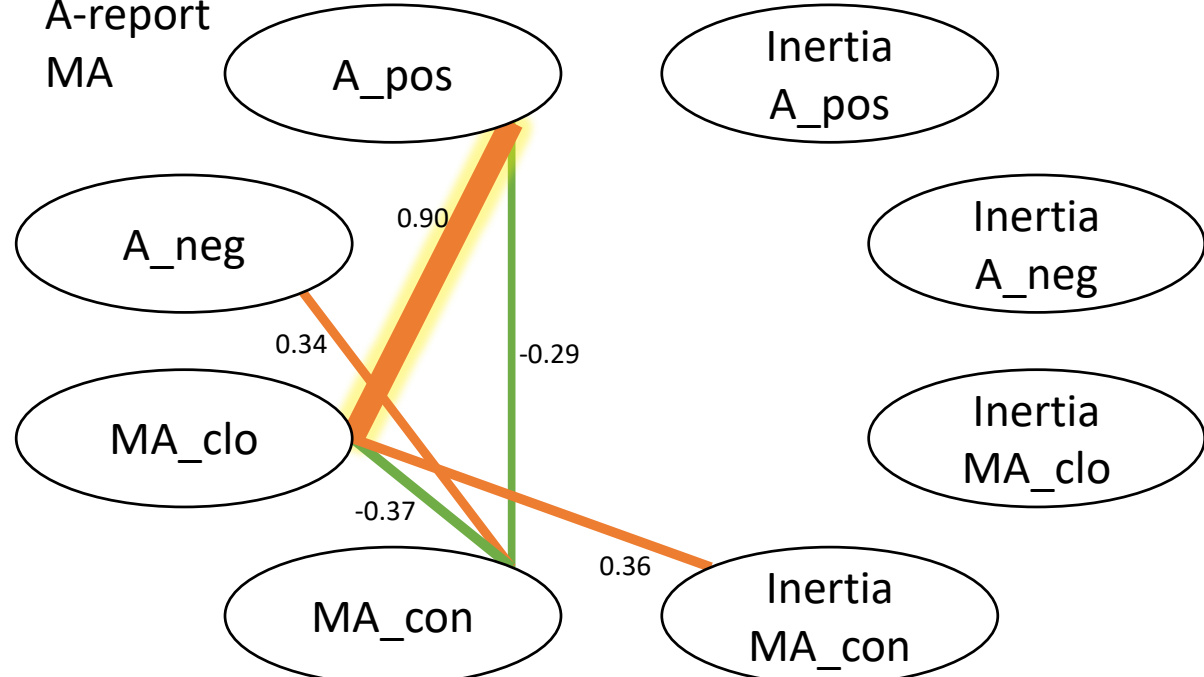
• M-report  
MA



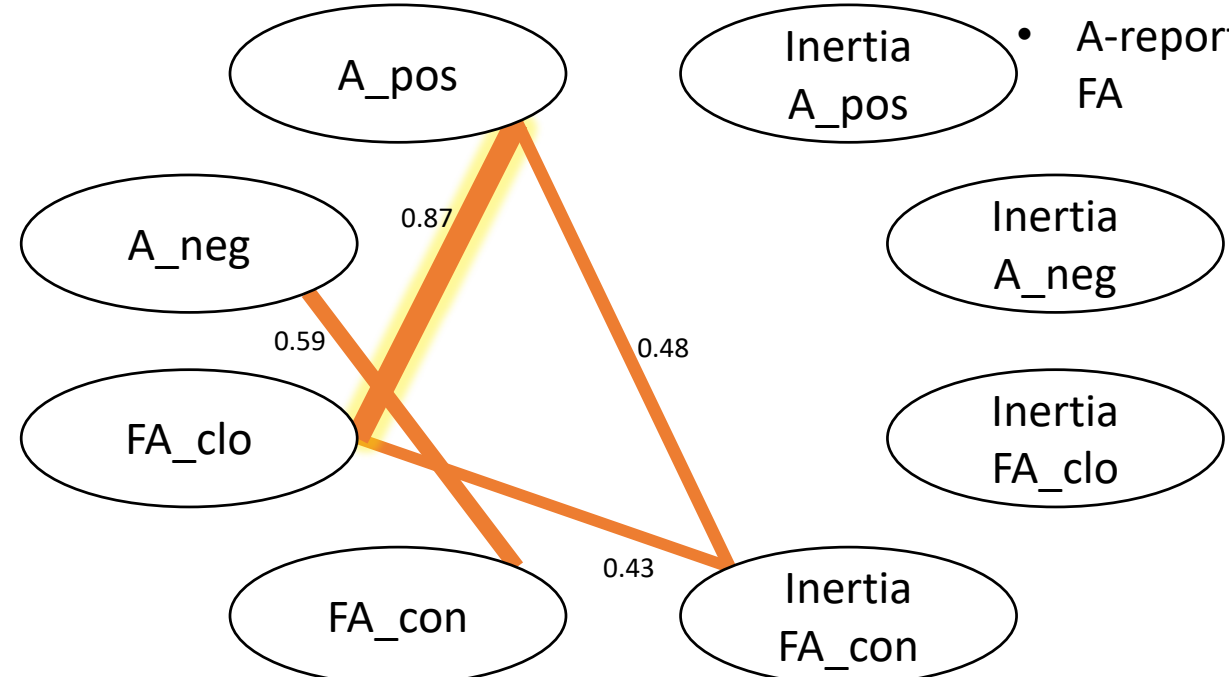
• F-report  
FA



• A-report  
MA

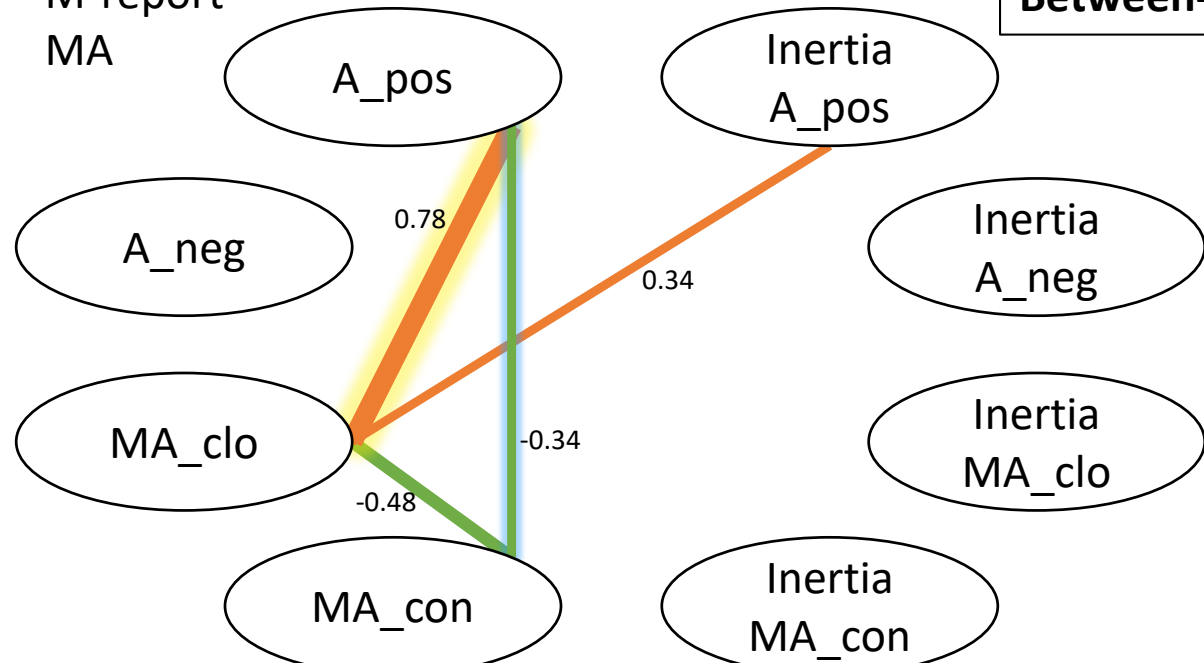


• A-report  
FA

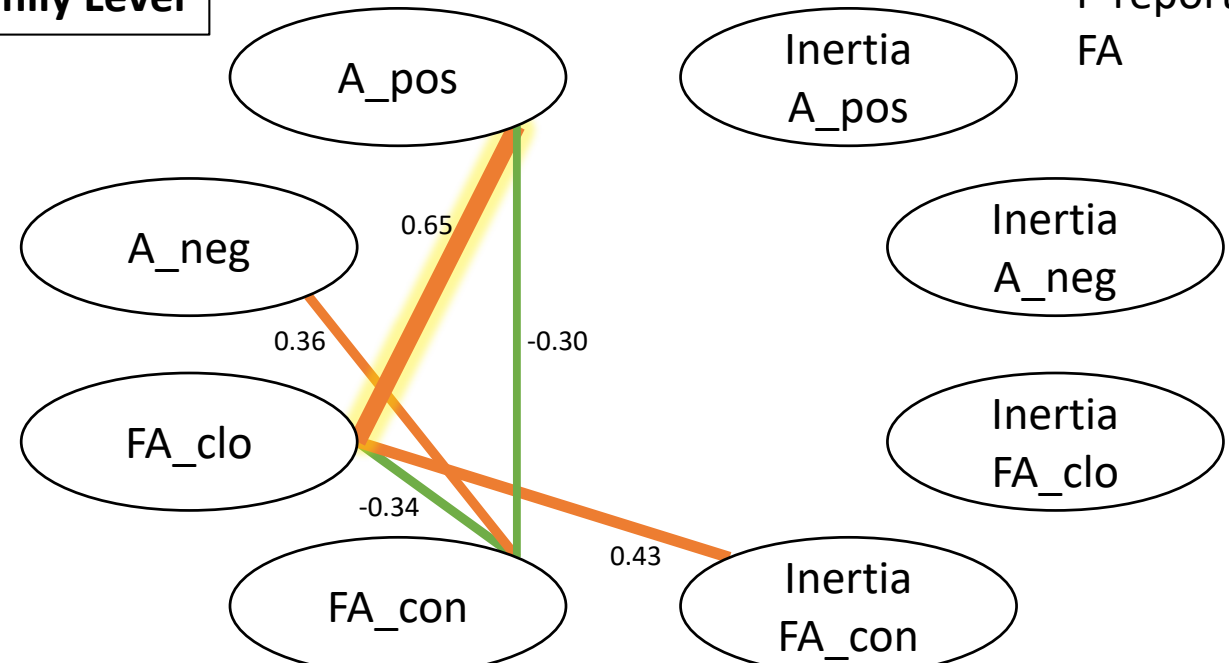




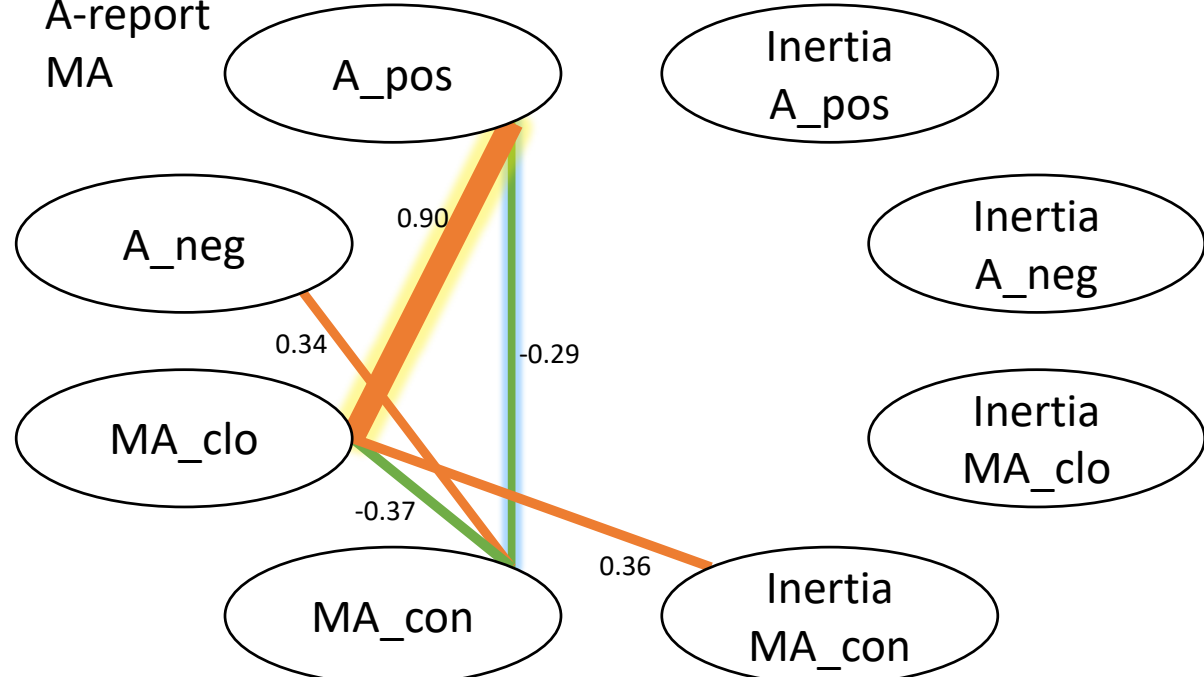
• M-report  
MA



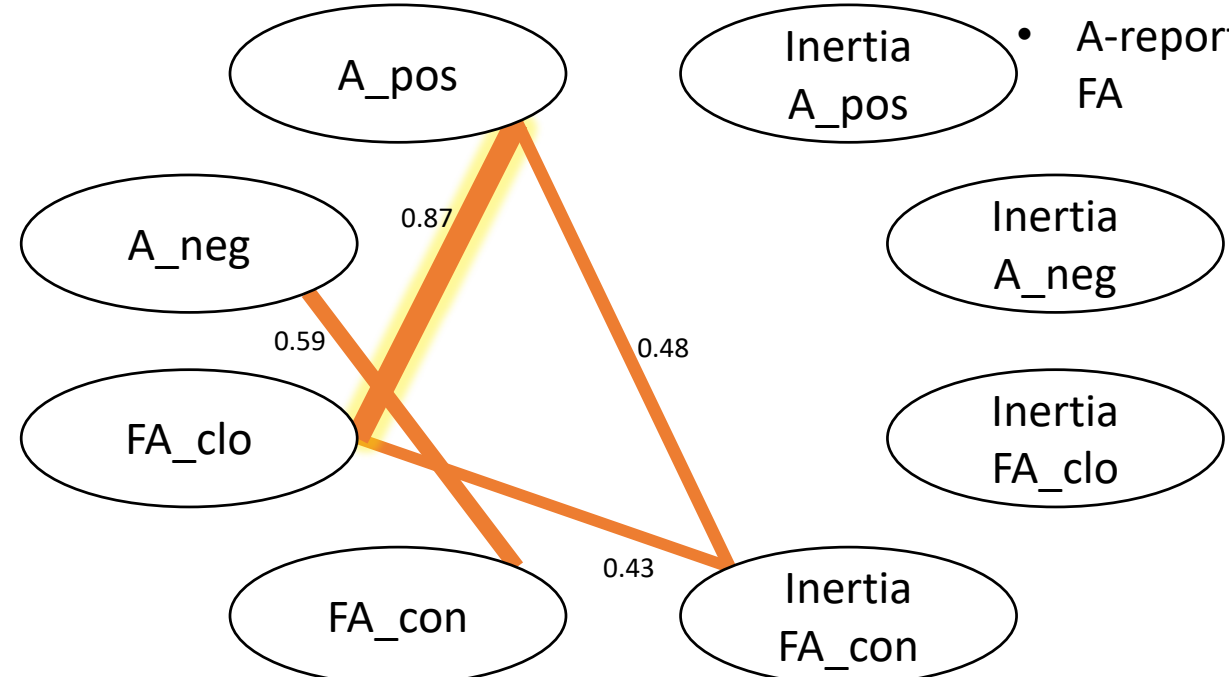
• F-report  
FA



• A-report  
MA

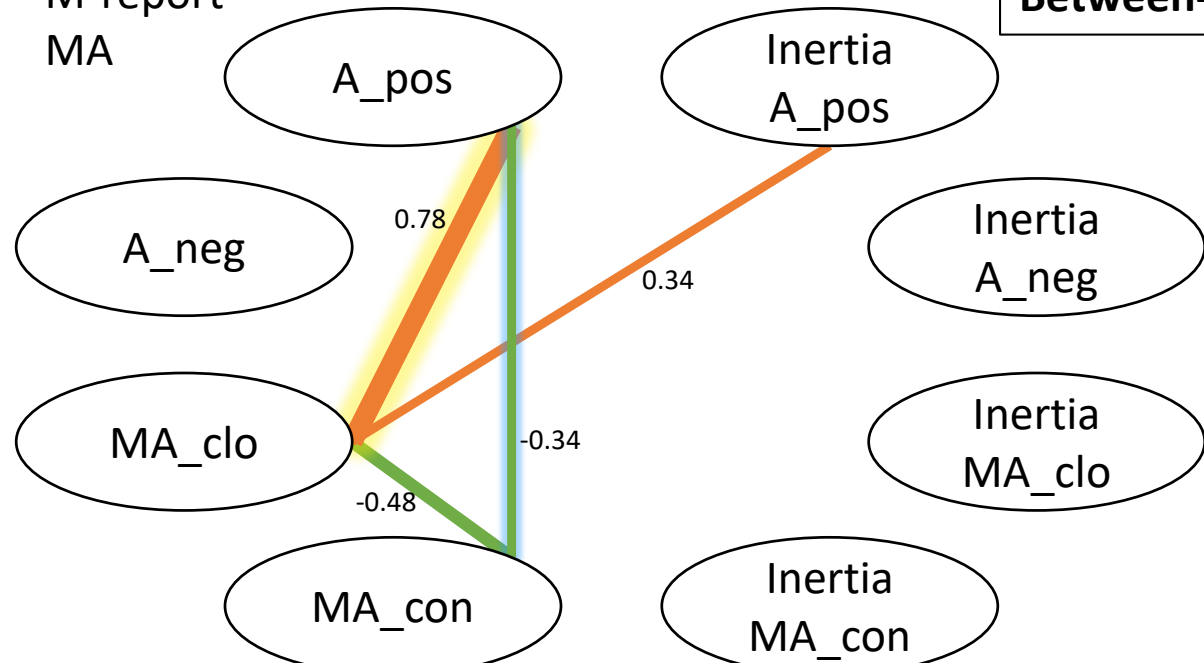


• A-report  
FA

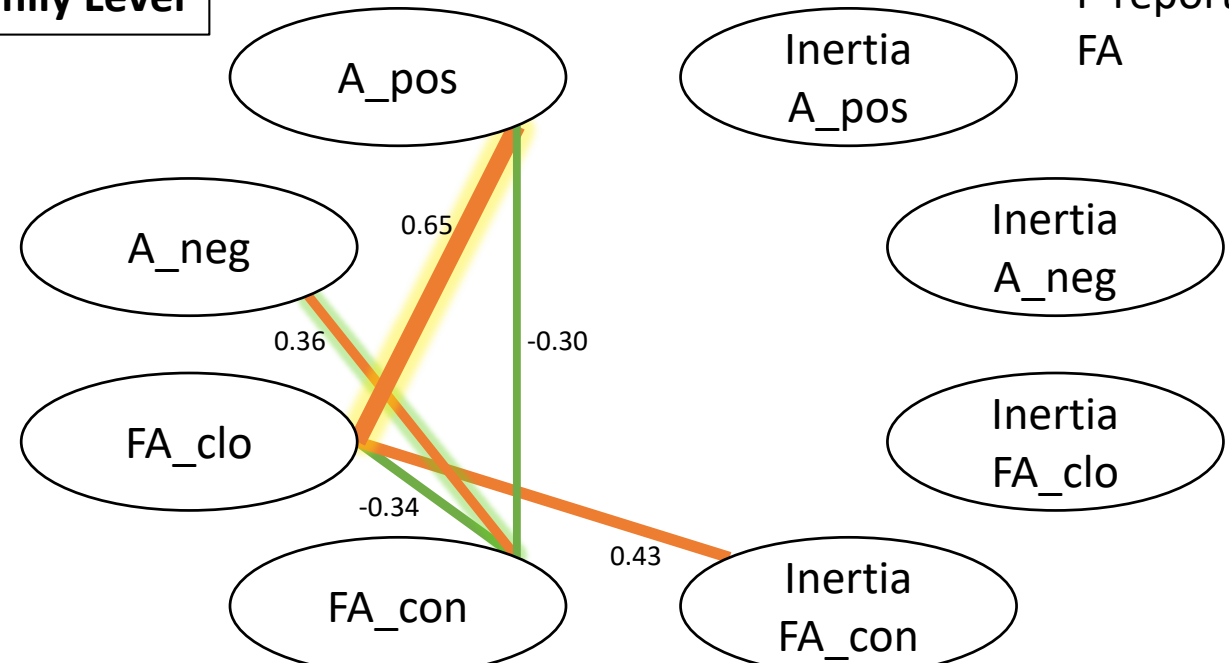




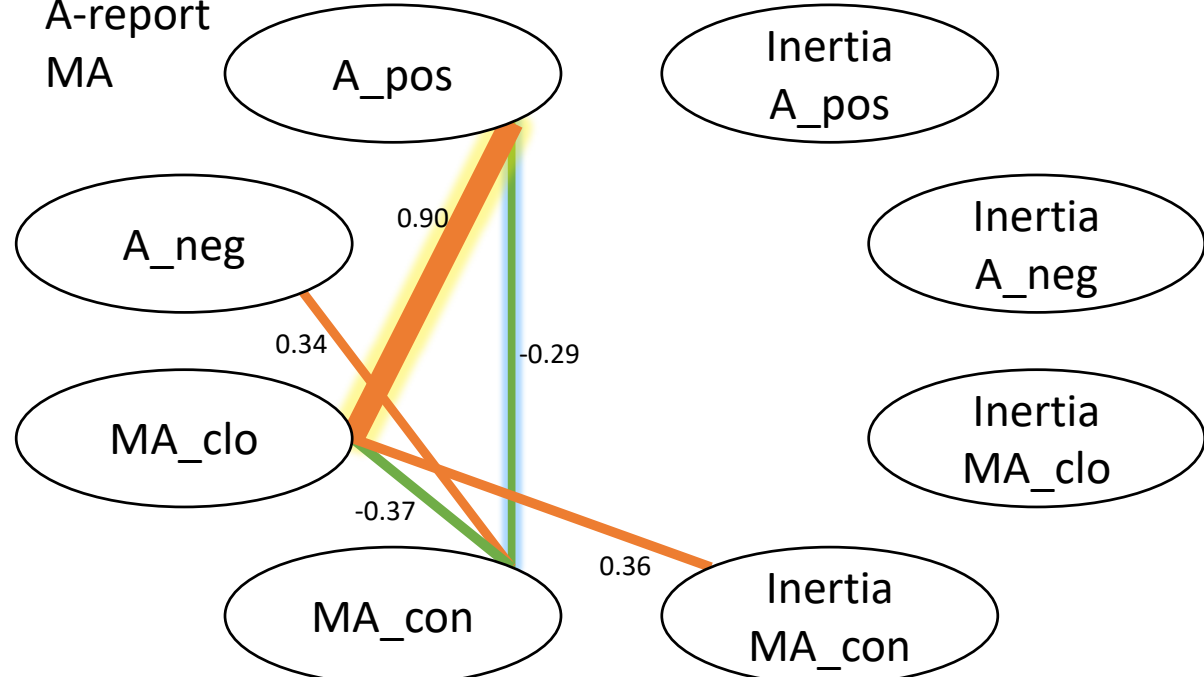
• M-report  
MA



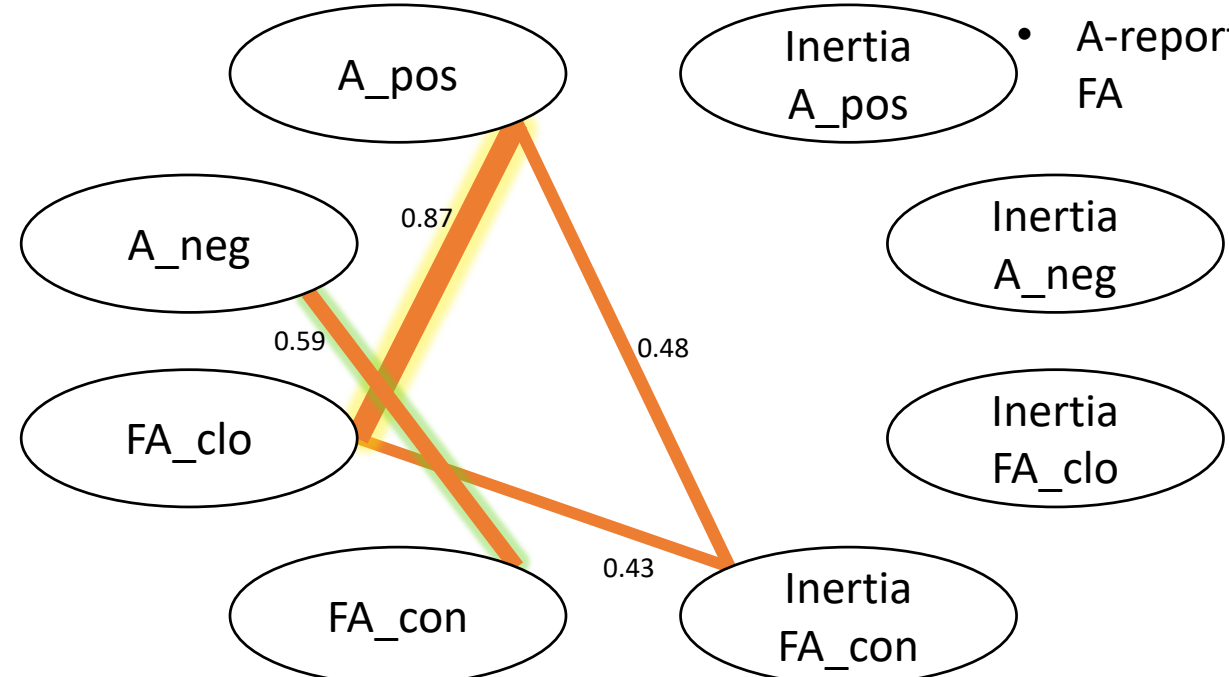
• F-report  
FA



• A-report  
MA



• A-report  
FA





# Summary & take home message

## Day-level

- FA closeness/conflict (as perceived both by fathers and adolescents) is more reciprocal with adolescent PA/NA
  - FA conflict  $\rightarrow$  (+) Adolescent NA
  - Adolescent PA  $\rightarrow$  (+) FA closeness
- MA  $\leftrightarrow$  Adolescent PA/NA differ by M- vs. A- perception
  - M-perceived: Adolescent PA  $\rightarrow$  MA closeness
  - A-perceived: None in lagged-day

## Family-level

- Adolescents with higher closeness with both parents (as perceived both by parents and adolescents) tend to have higher PA
- MA vs. FA nuances:
  - MA conflict (perceived both by M and A)  $\leftrightarrow$  (-) Adolescent PA
  - FA conflict (perceived both by F and A)  $\leftrightarrow$  (+) Adolescent NA

## Overall

- Take-home message:
  - More daily reciprocity between FA interactions and adolescent PA/NA
  - Closer relationship with parents  $\leftrightarrow$  Adolescent higher PA
  - FA conflict as a robust indicator and point of intervention for adolescent NA



# Acknowledgement



## ➤ Funding:

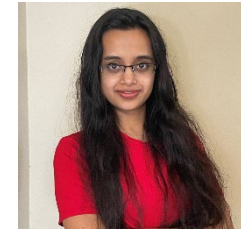
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