

How to analysis the development of sharing across three waves, also the relationship between parenting and sharing during these waves, using a sample size around 90?

Yue Song (Ph.D student),

Developmental Psychology, Utrecht University, Netherlands

Martine Broekhuizen (Supervisor),

Child, Family, and Education Studies, Utrecht University, Netherlands

Judith Semon Dubas (Supervisor),

Developmental Psychology, Utrecht University, Netherlands

Briefly Explain Your Question (max. 100 words)

The current 3-wave study focus on the development of sharing and helping behaviors. For each wave, we measured child's behavior and parents report their parenting style. In total around 90 participant finish all three wave testing.

This study aimed to detecting the development trajectories, also how parenting-behavior relationship changes during three waves. However, a sample size of 90 make the power relatively low. Here we hope to find a solution for analyzing the data that avoids the sample-size issue. (I attached the models, just in case)

Scientific field(s) of the author(s)

Developmental Psychology

Relevance to conference theme (max. 50 words)

This poster presents a 3-wave study which focus on a the development of certain behavior and the changes of parenting –behavior relationship, but subject to a very small sample size.

Keywords (max. 3)

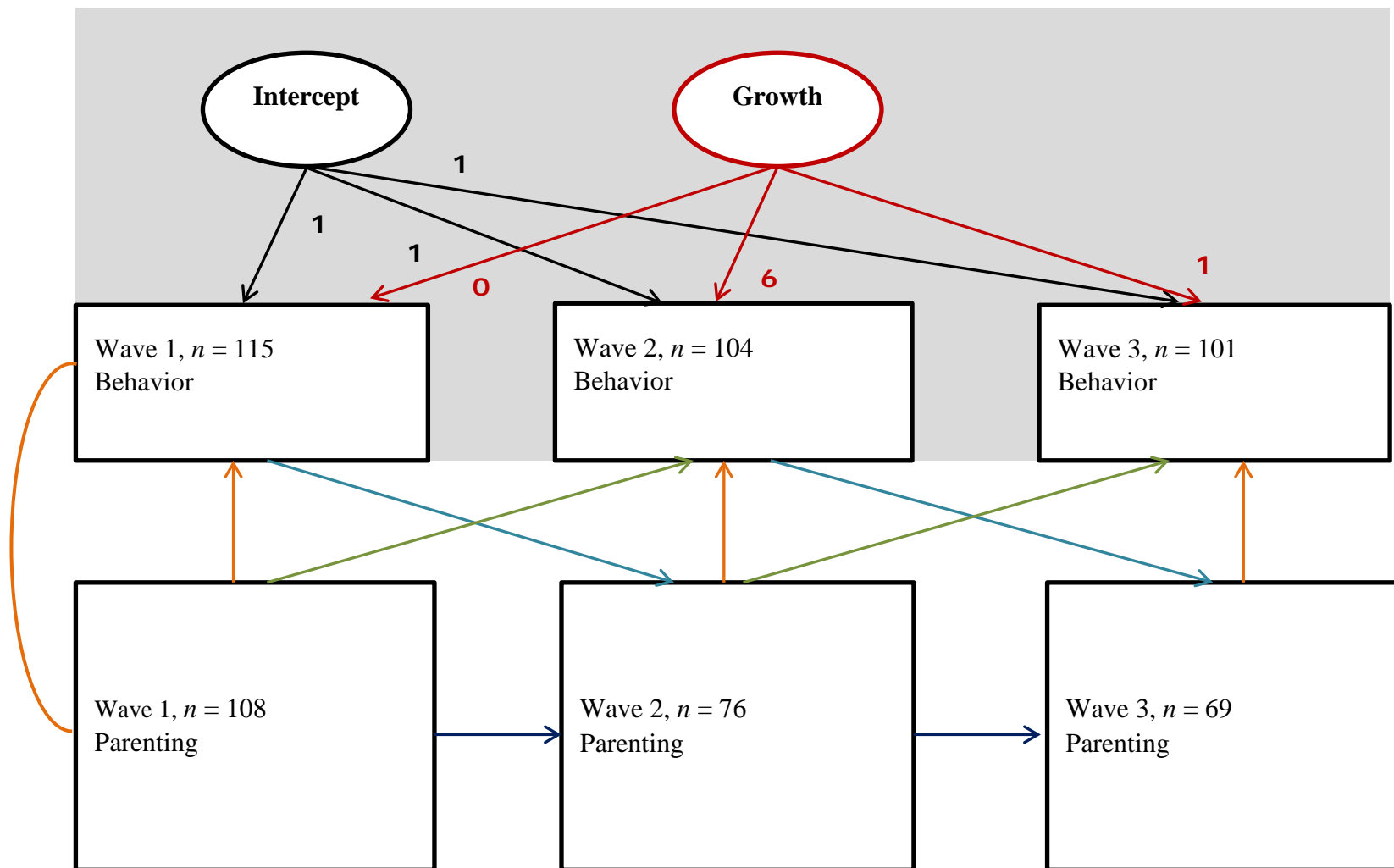
Latent Growth Modeling, Bayesian Analysis, Small Sample Size

Research question:

1 (Gray area): the development of helping, sharing and comforting during one year (three waves)

2 (Whole model): the relationship between behavior development and parental value/practice

Model 1



Model 2

