

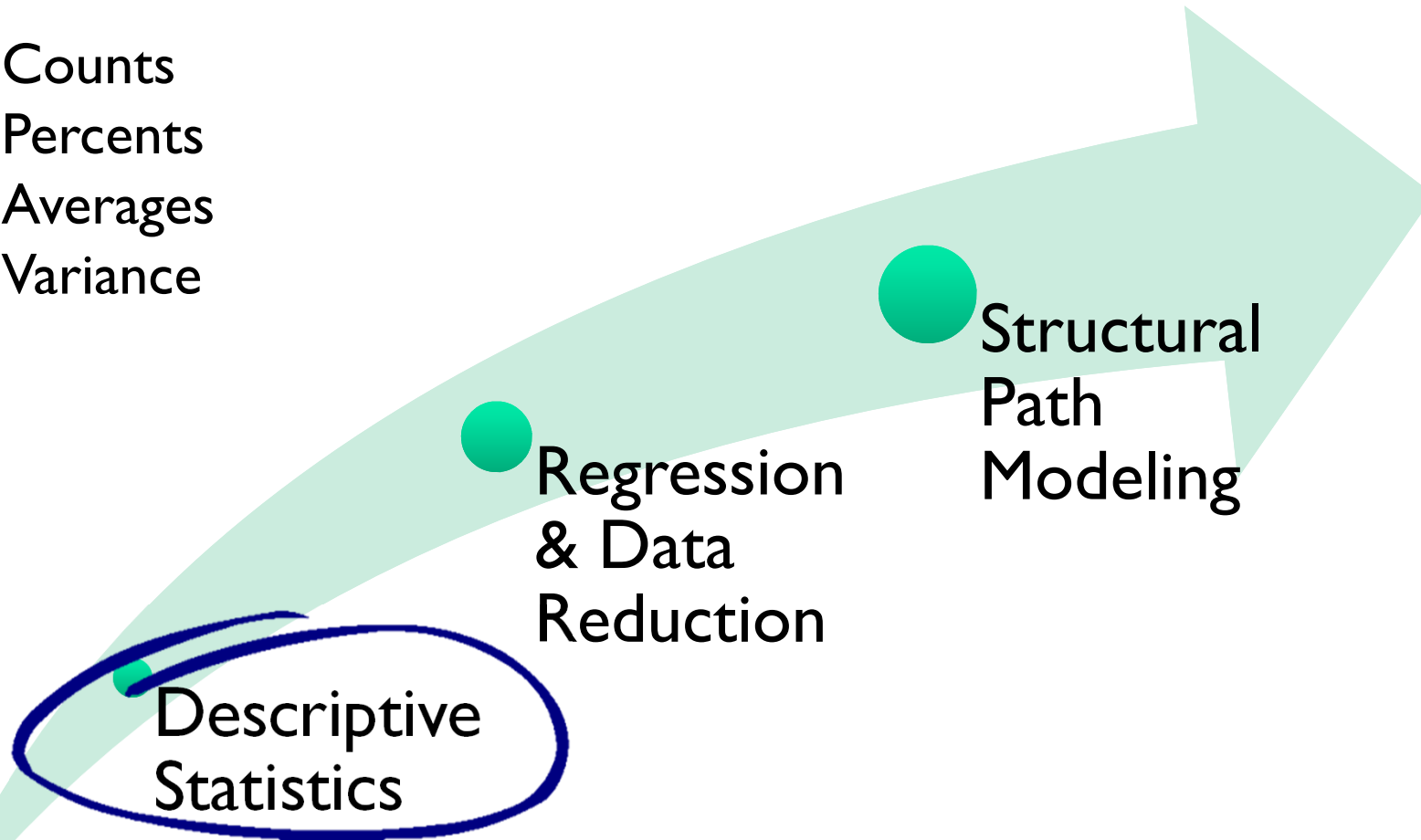


Part 3

Statistical Analysis

Considerations

- Counts
- Percents
- Averages
- Variance



- Correlation & Causation
- Effect sizes (but only one construct at a time)
- Categorisation & Grouping

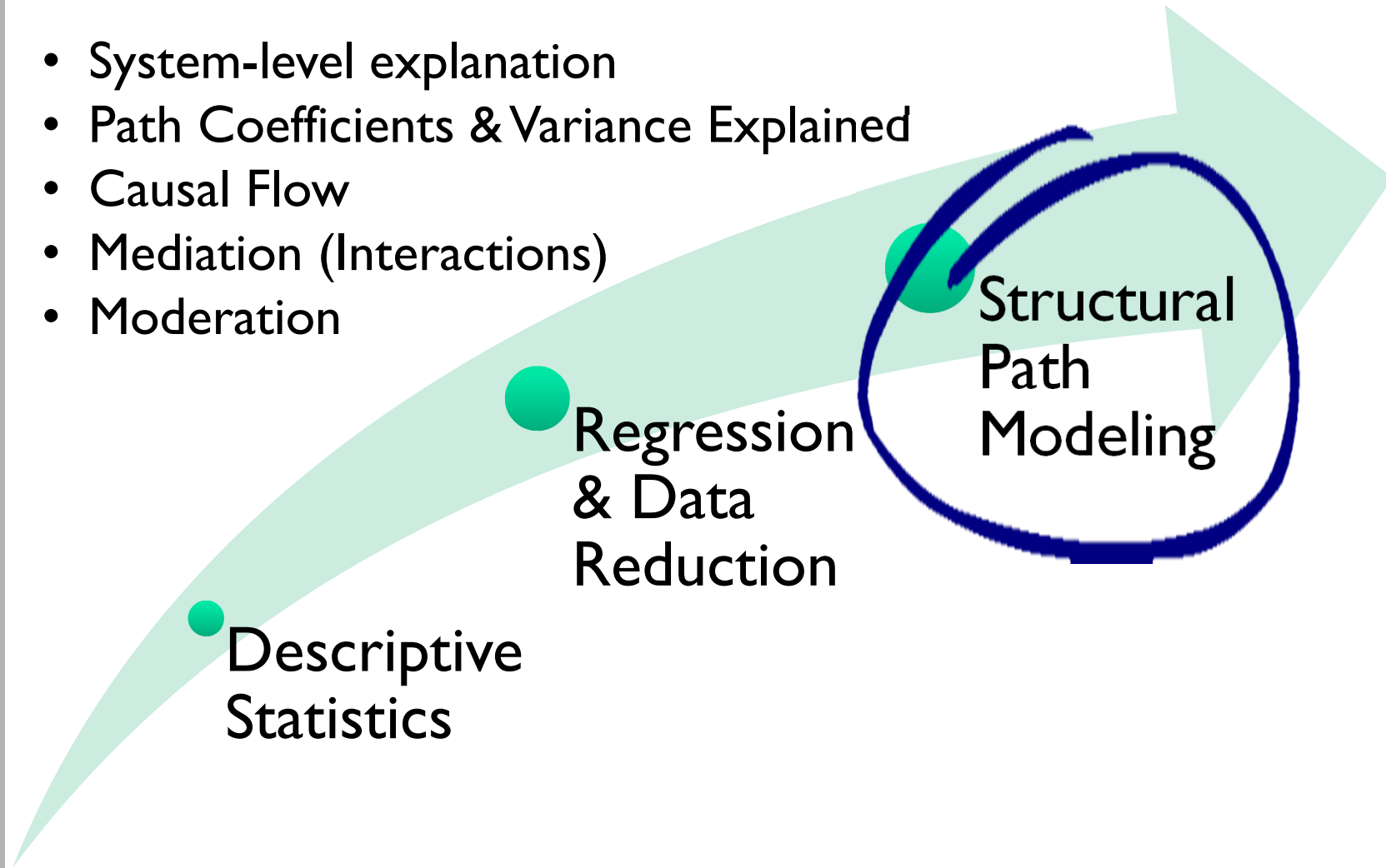


Descriptive
Statistics

Regression
& Data
Reduction

Structural
Path
Modeling

- System-level explanation
- Path Coefficients & Variance Explained
- Causal Flow
- Mediation (Interactions)
- Moderation



Independent Variables

Age
Gender
Net Worth
Family Size
Industry / Job
Labour force status
Individual / HH debt
Rent / Own Home
Student Type
Mortgage
Education

Mediating Variables

Spend Delay
Job insecurity
Financial Stress
Relationship Stress
Social (Parental) Support
HH Mix
(intergenerational)
Other Gov Payment
(FHOG)
Maintenance Deferrals:
-Health Care
-Dental Care
-HH Goods
-Vehicle

Dependent Variables

Consumer confidence:
-Spending
-Investment
-Career
-Leisure

Multiplier Effect

Flow-On Effect

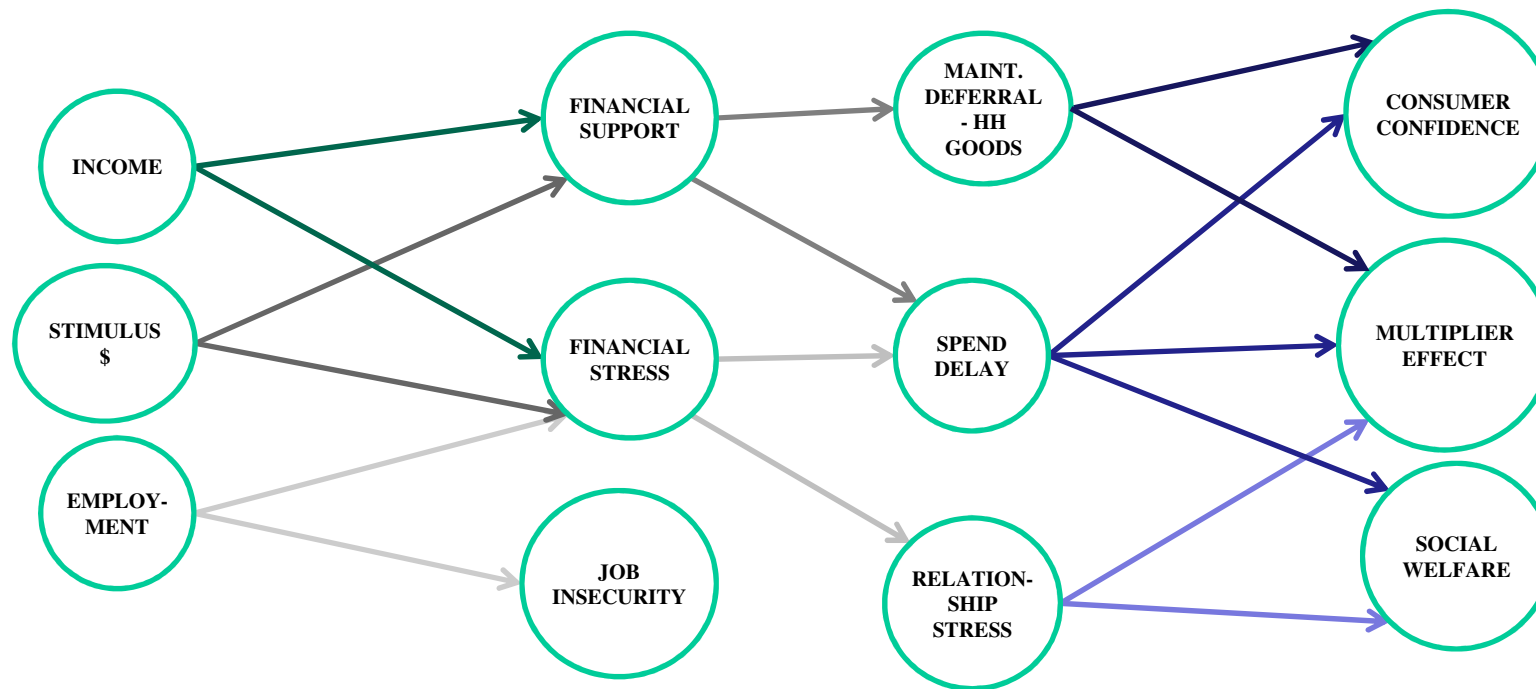
Social Welfare:
-Promotion
-Prevention
-Many others

There are many variables which may be of interest.
Constraining factors include methodological considerations and client objectives.

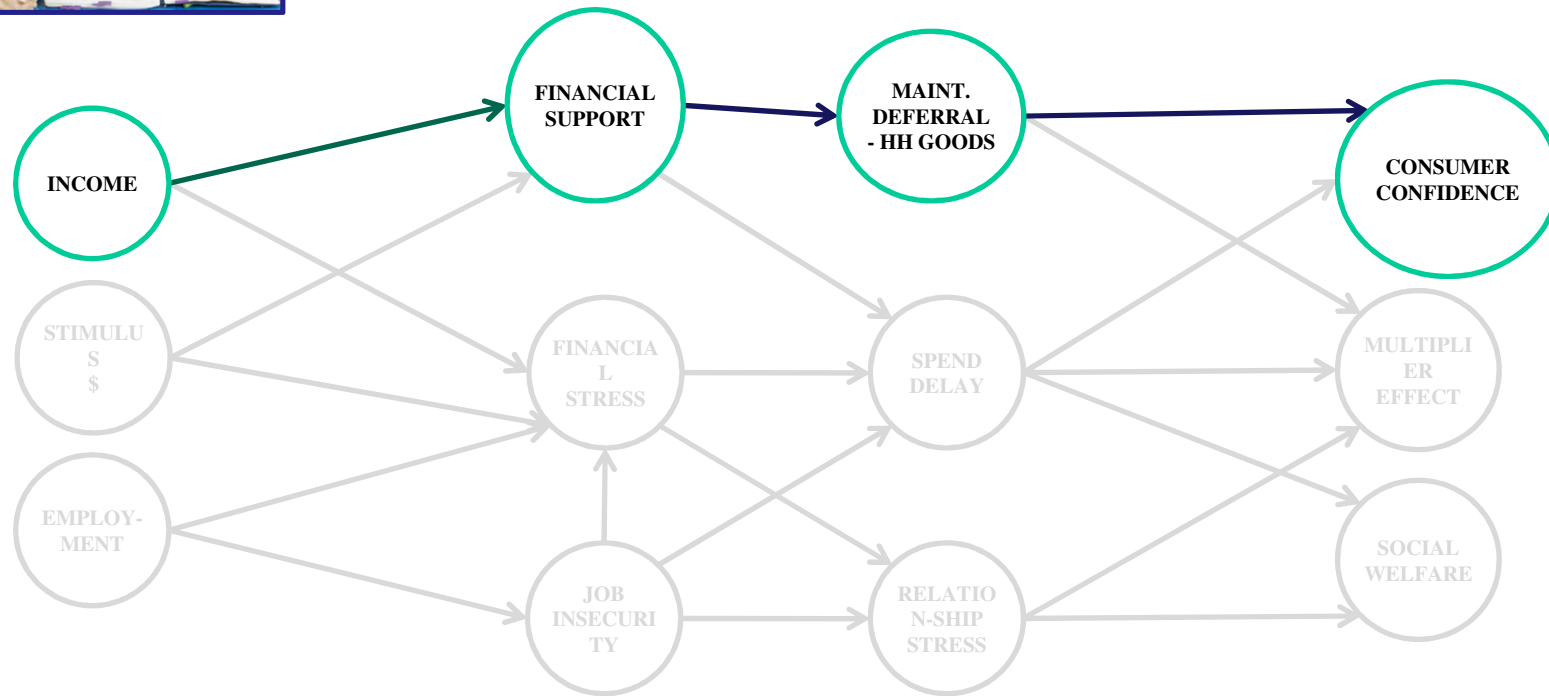
Independent Variables

Mediating Variables

Dependent Variables



System-Level Explanation

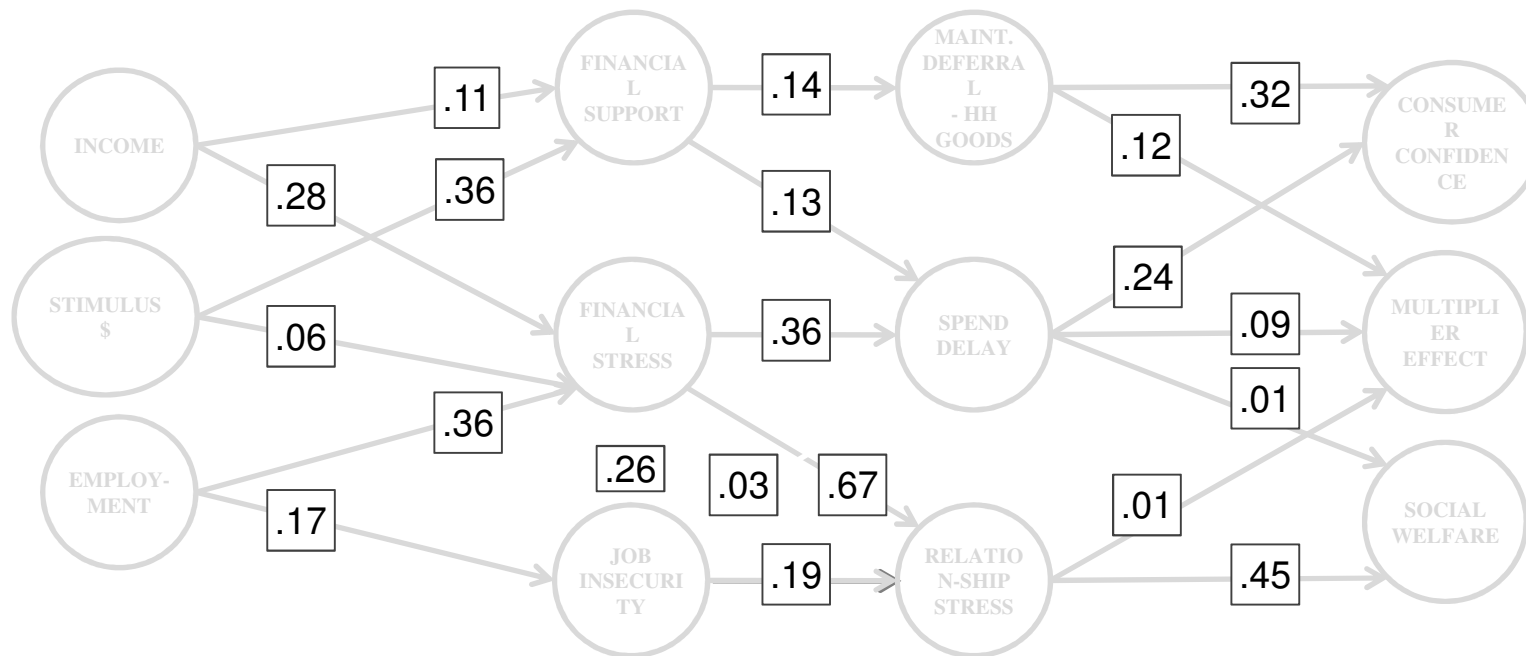


System-Level Explanation

Independent Variables

Mediating Variables

Dependent Variables

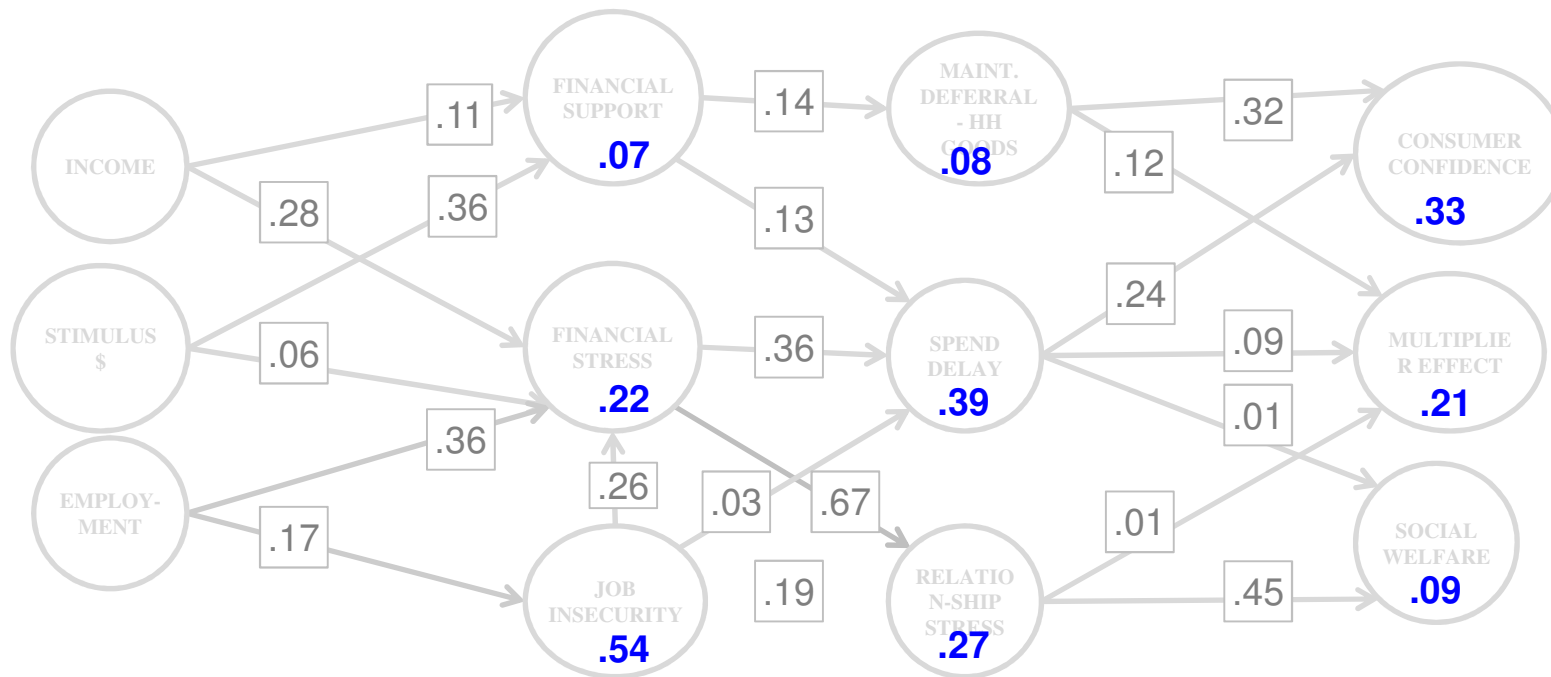


Path Coefficients

Independent Variables

Mediating Variables

Dependent Variables

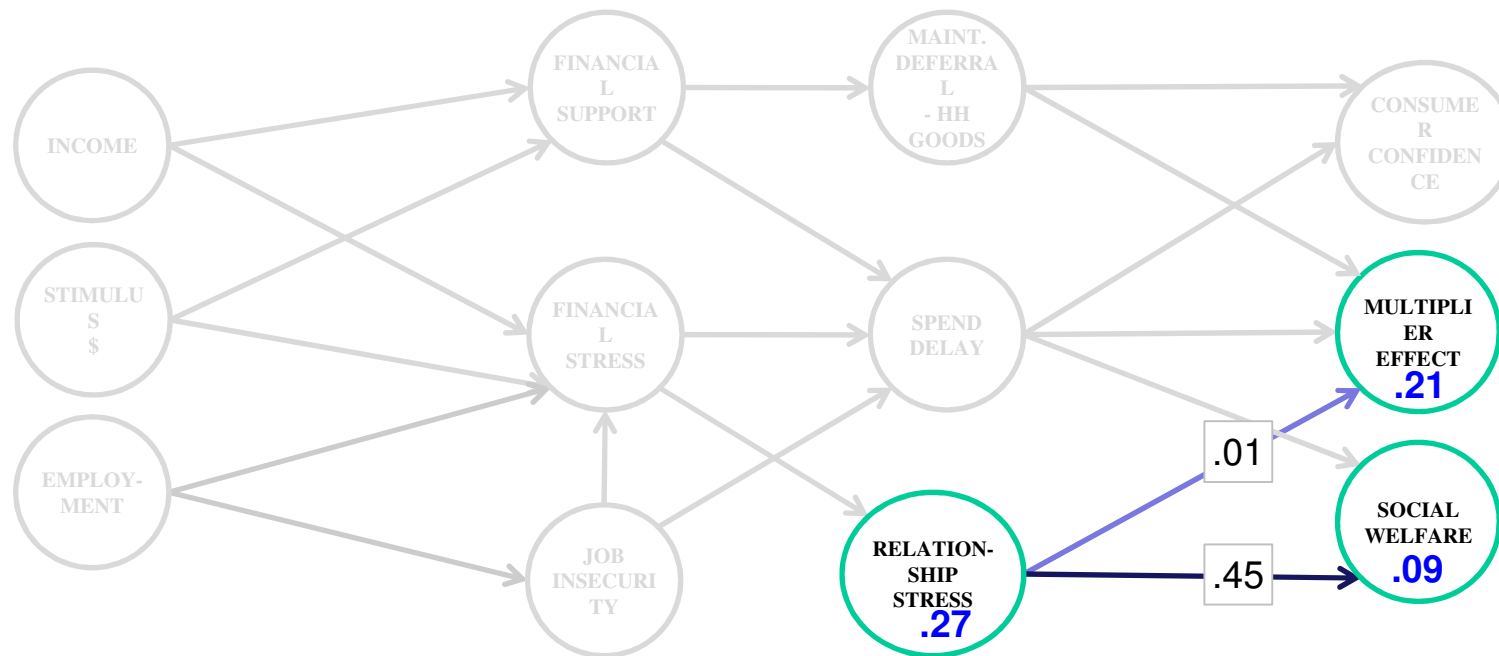


Variance Explained

Independent Variables

Mediating Variables

Dependent Variables

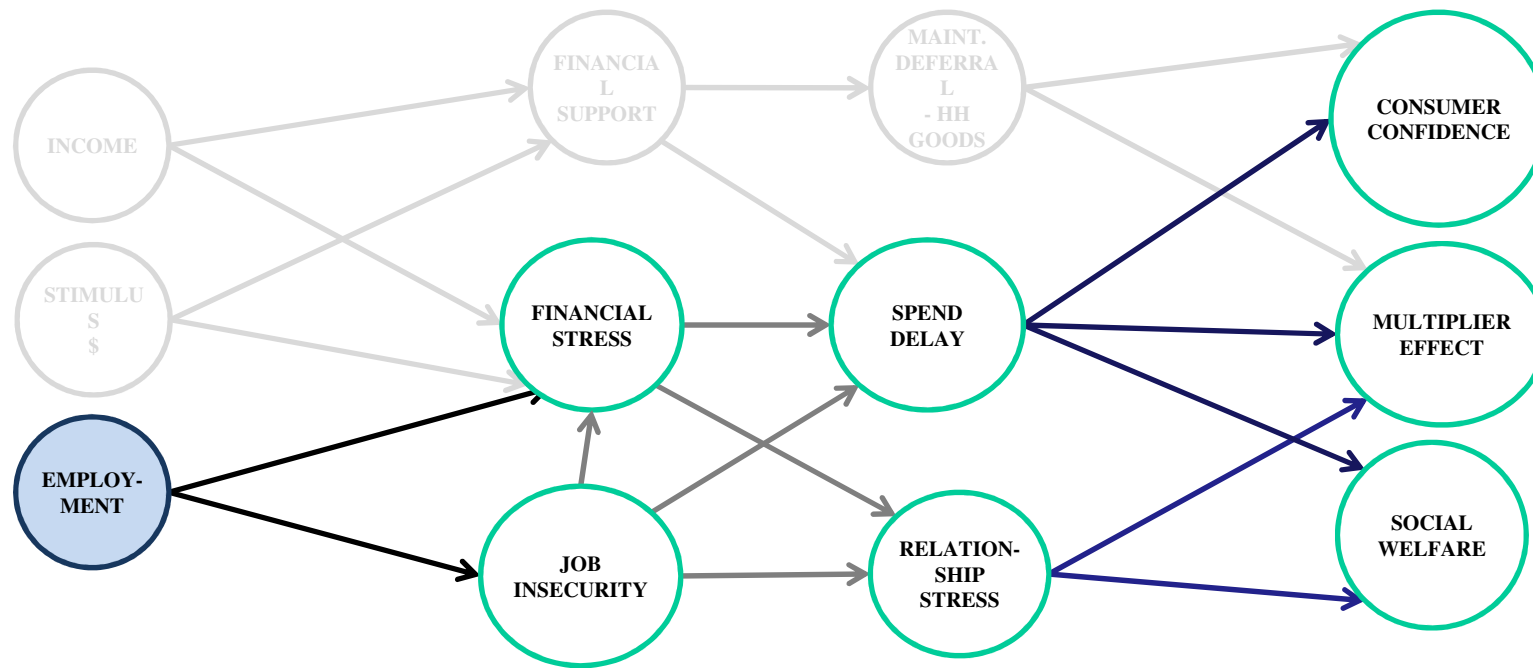


Variance Explained

Independent Variables

Mediating Variables

Dependent Variables

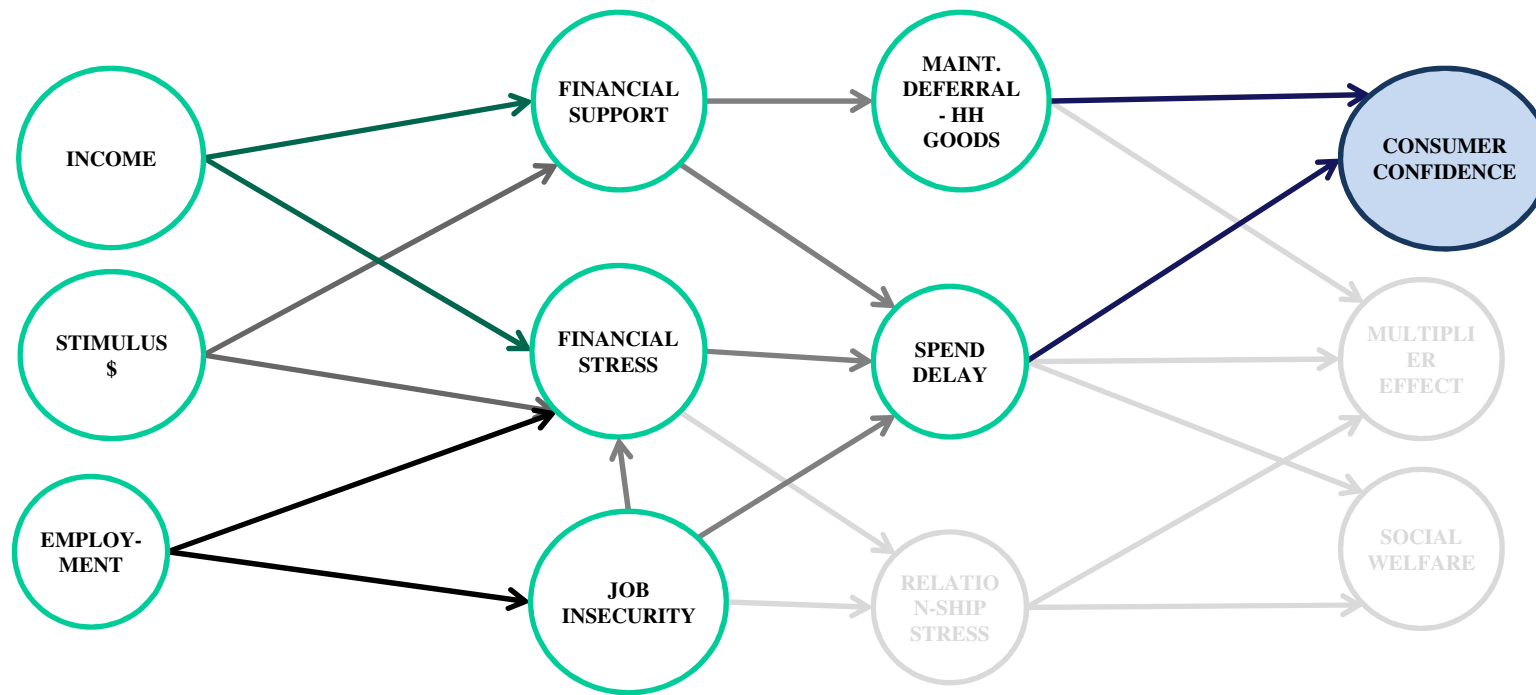


Downstream Effects

Independent Variables

Mediating Variables

Dependent Variables

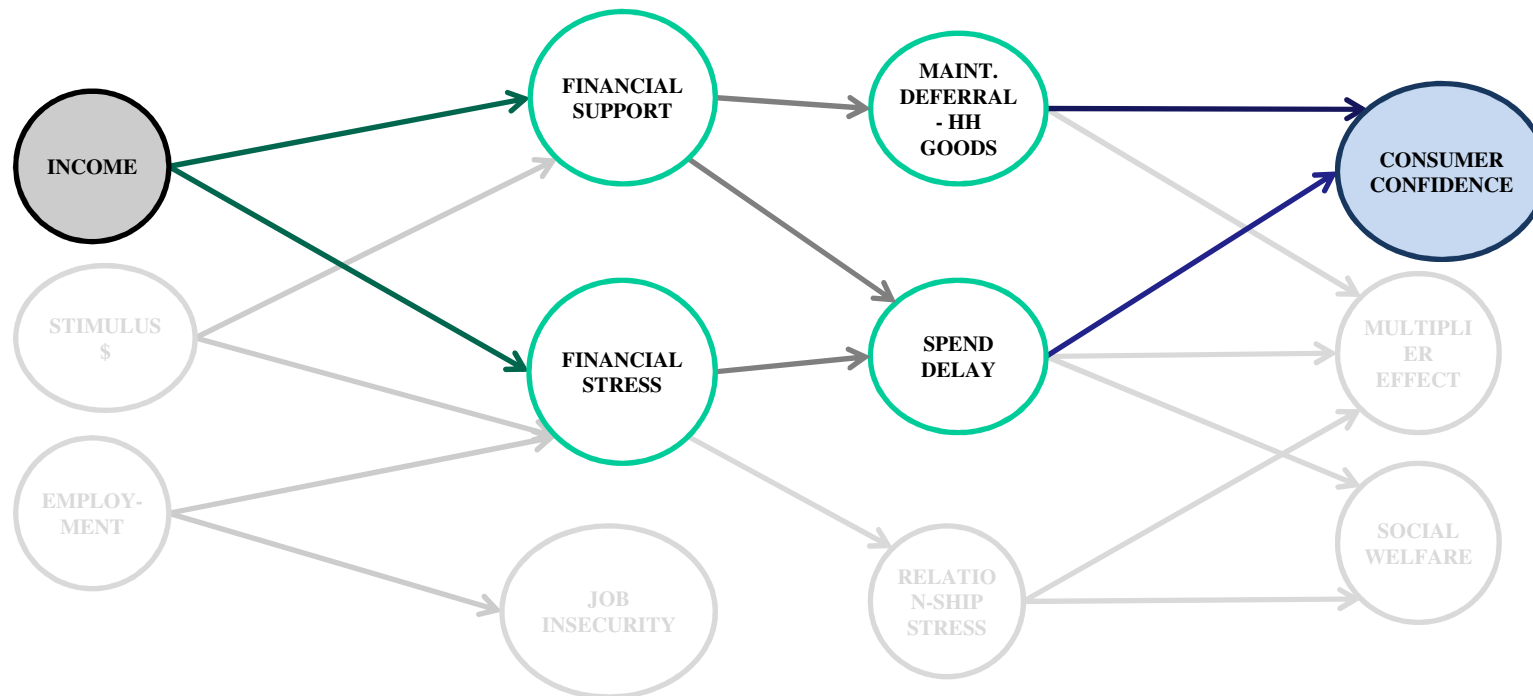


Upstream Effects

Independent Variables

Mediating Variables

Dependent Variables

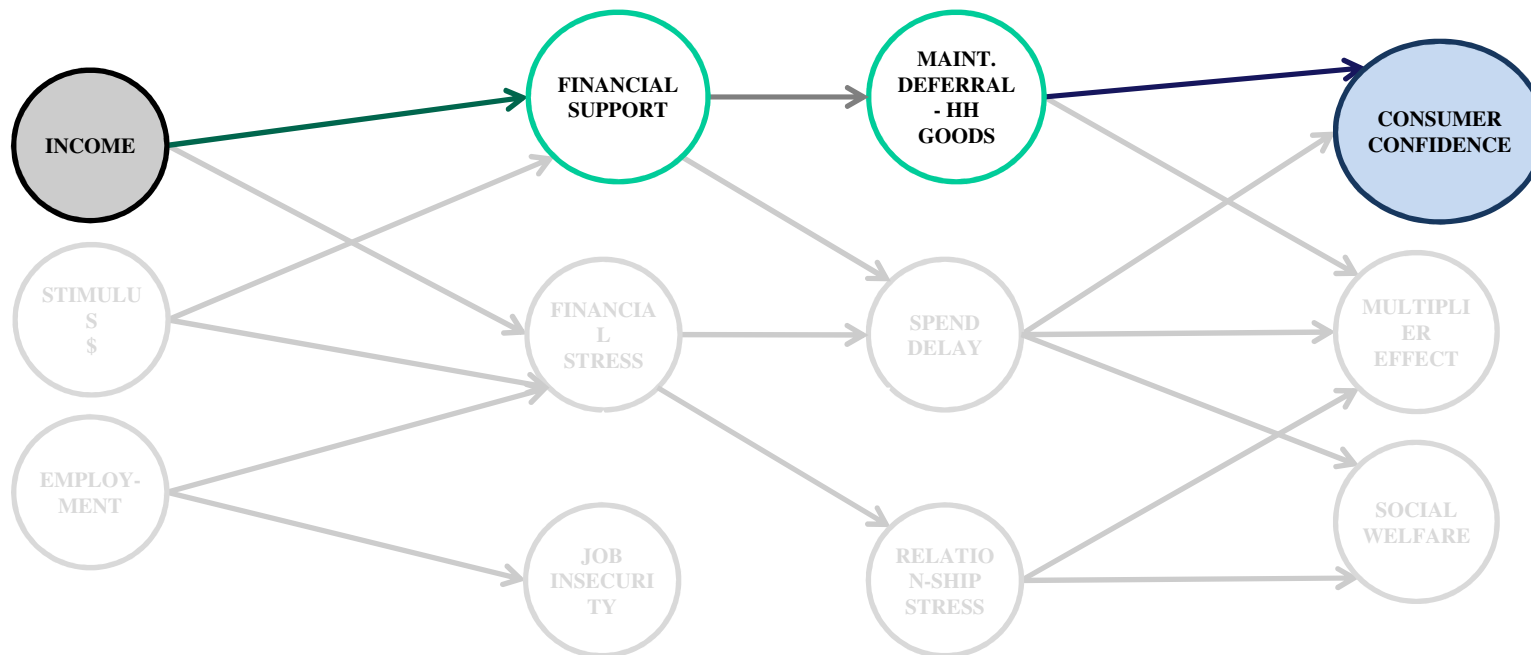


Path Comparisons

Independent Variables

Mediating Variables

Dependent Variables

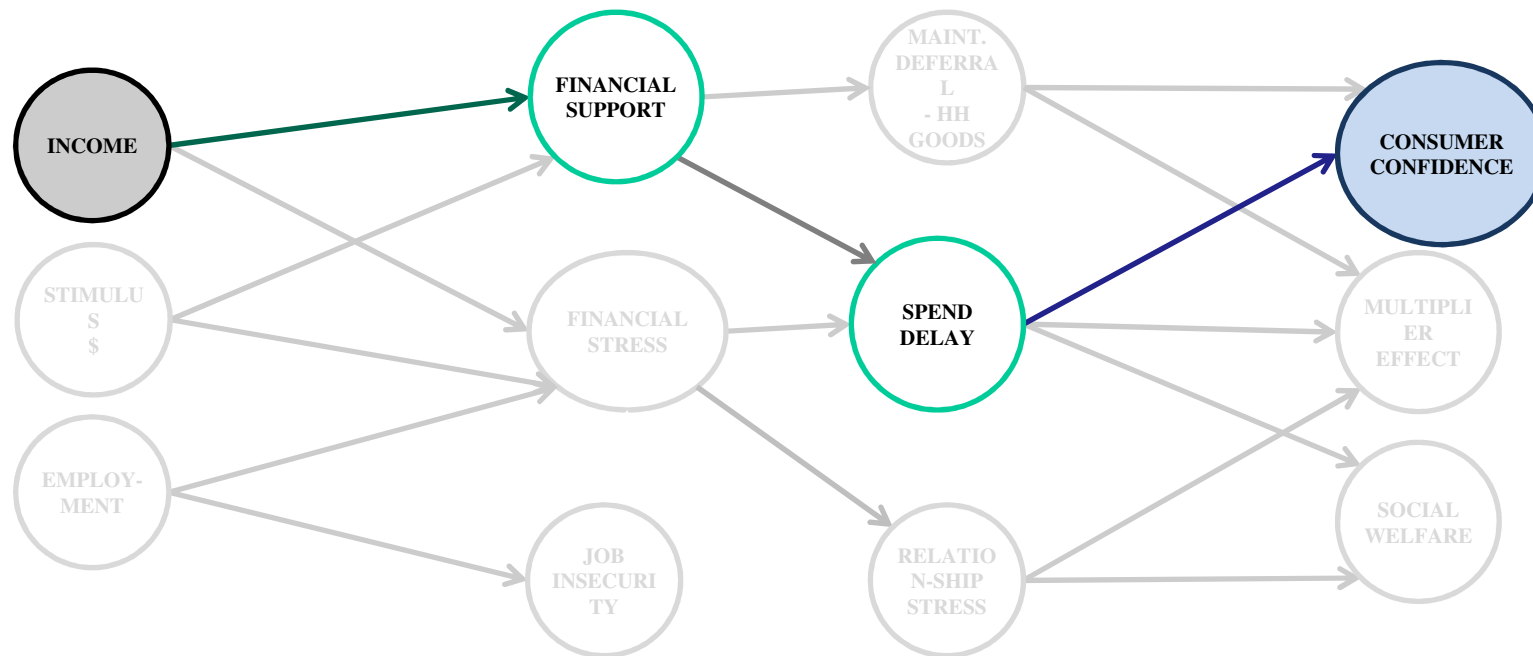


Path Comparisons

Independent Variables

Mediating Variables

Dependent Variables

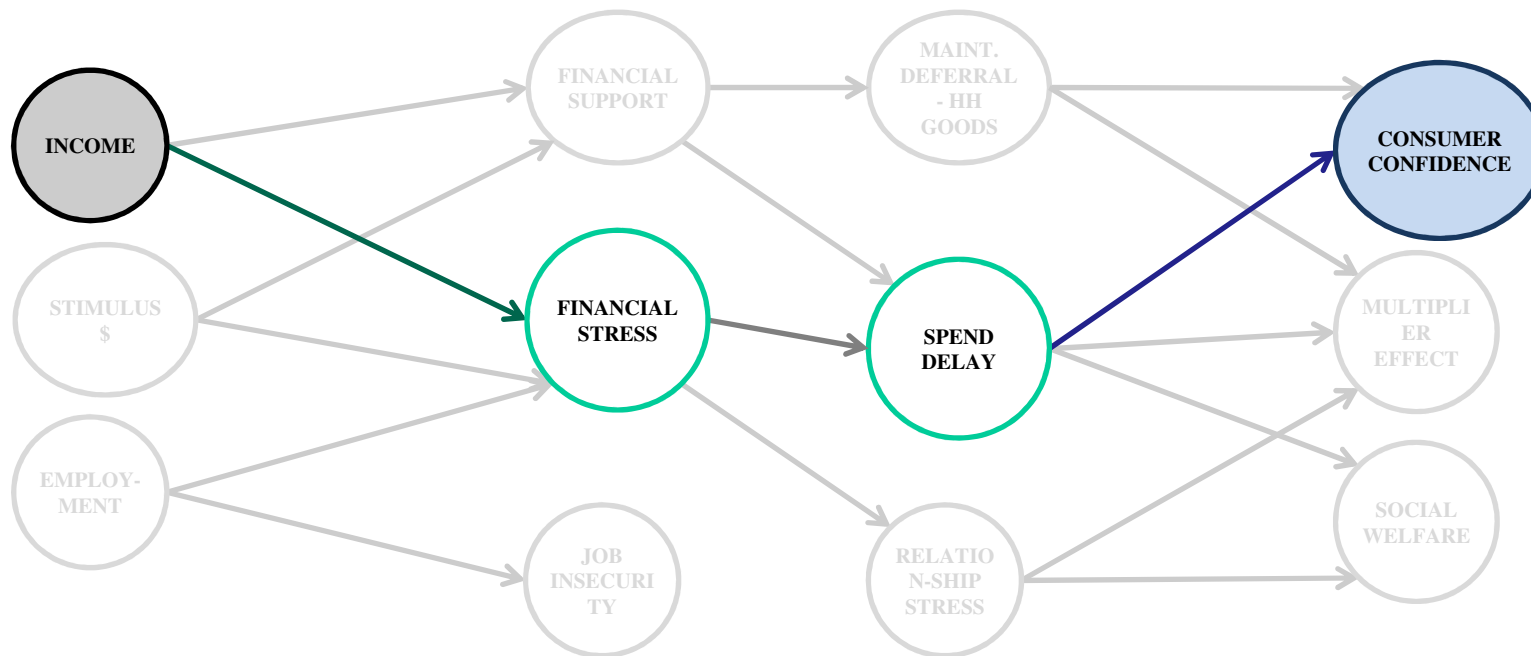


Path Comparisons

Independent Variables

Mediating Variables

Dependent Variables

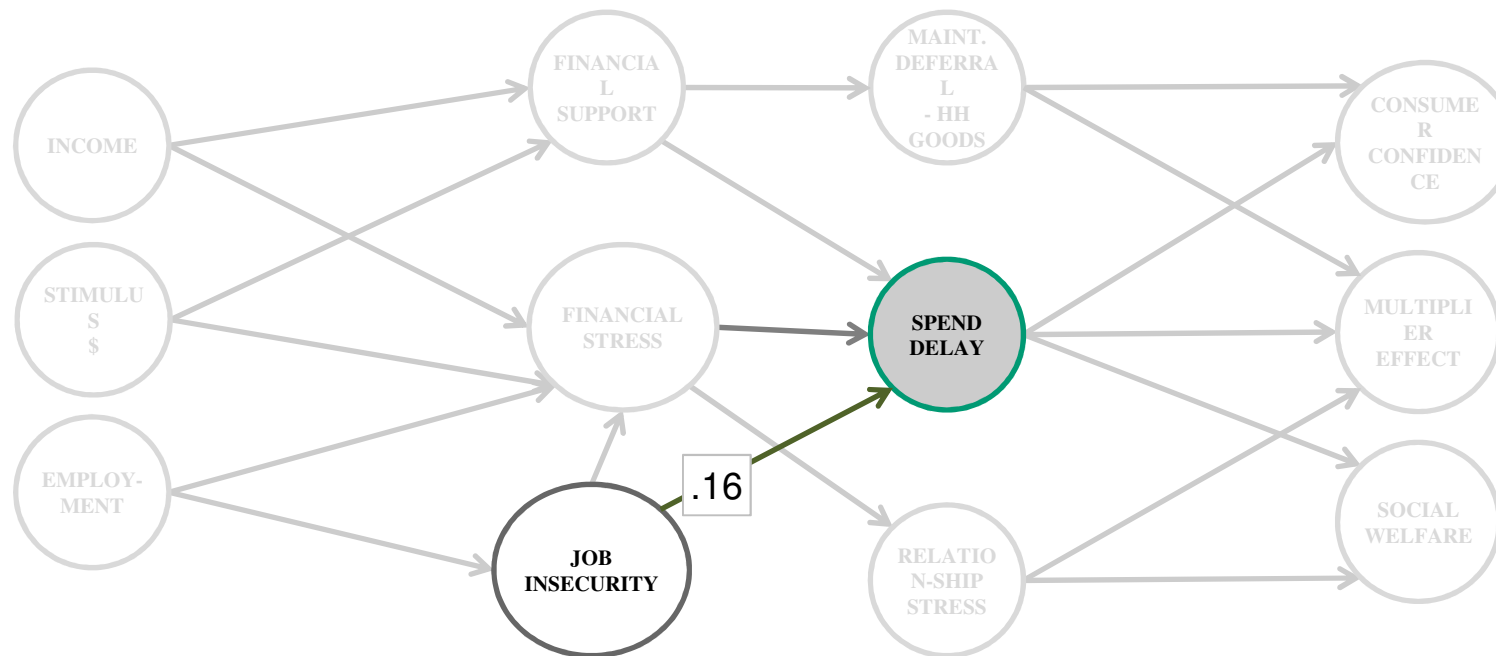


Path Comparisons

Independent Variables

Mediating Variables

Dependent Variables

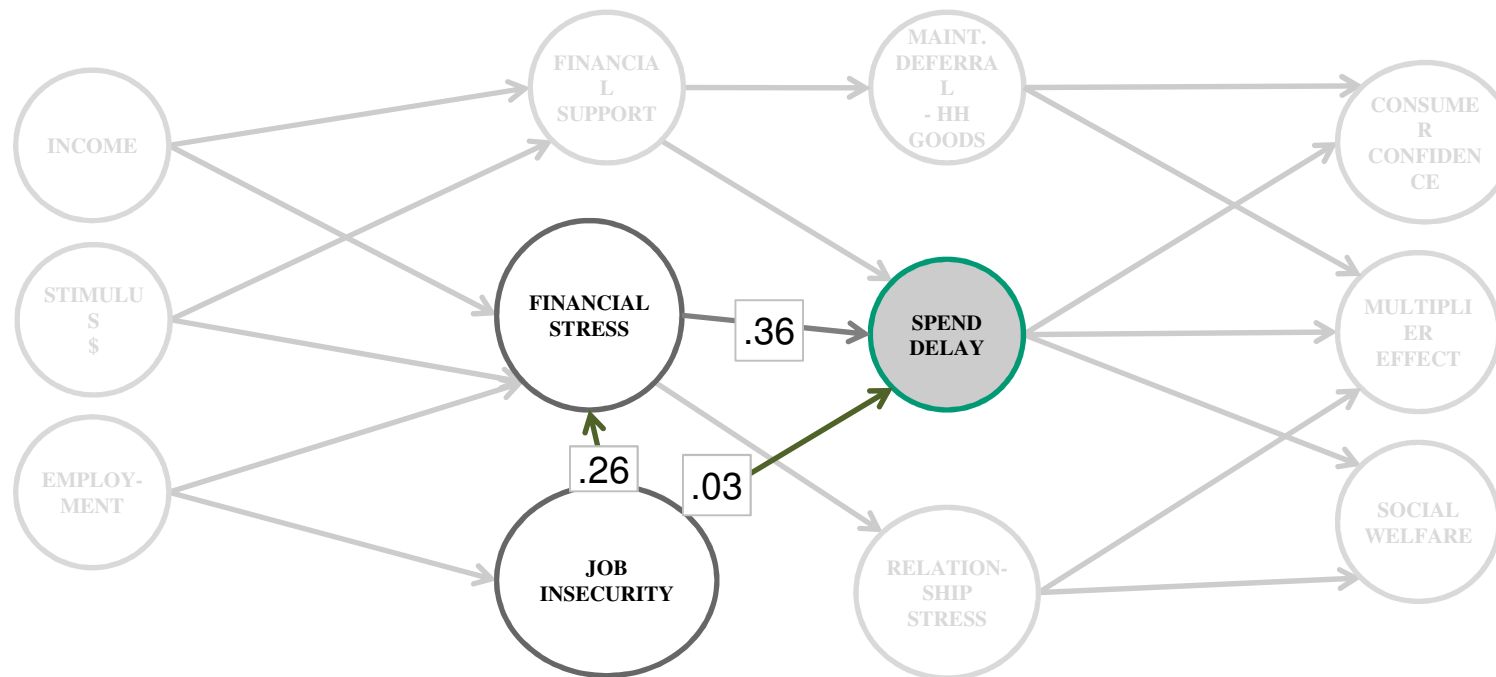


Direct Effects

Independent Variables

Mediating Variables

Dependent Variables

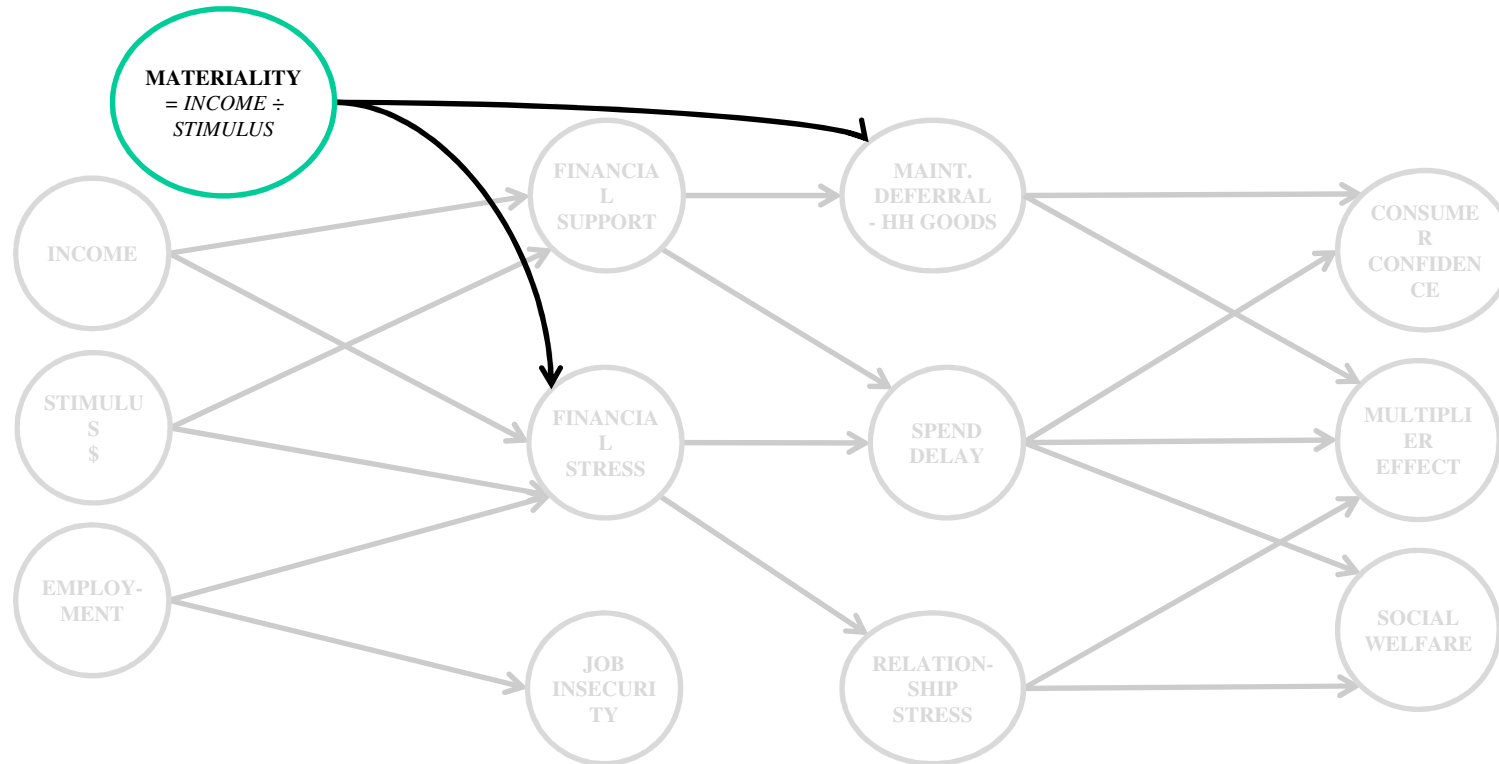


Indirect Effects (Mediation)

Independent Variables

Mediating Variables

Dependent Variables

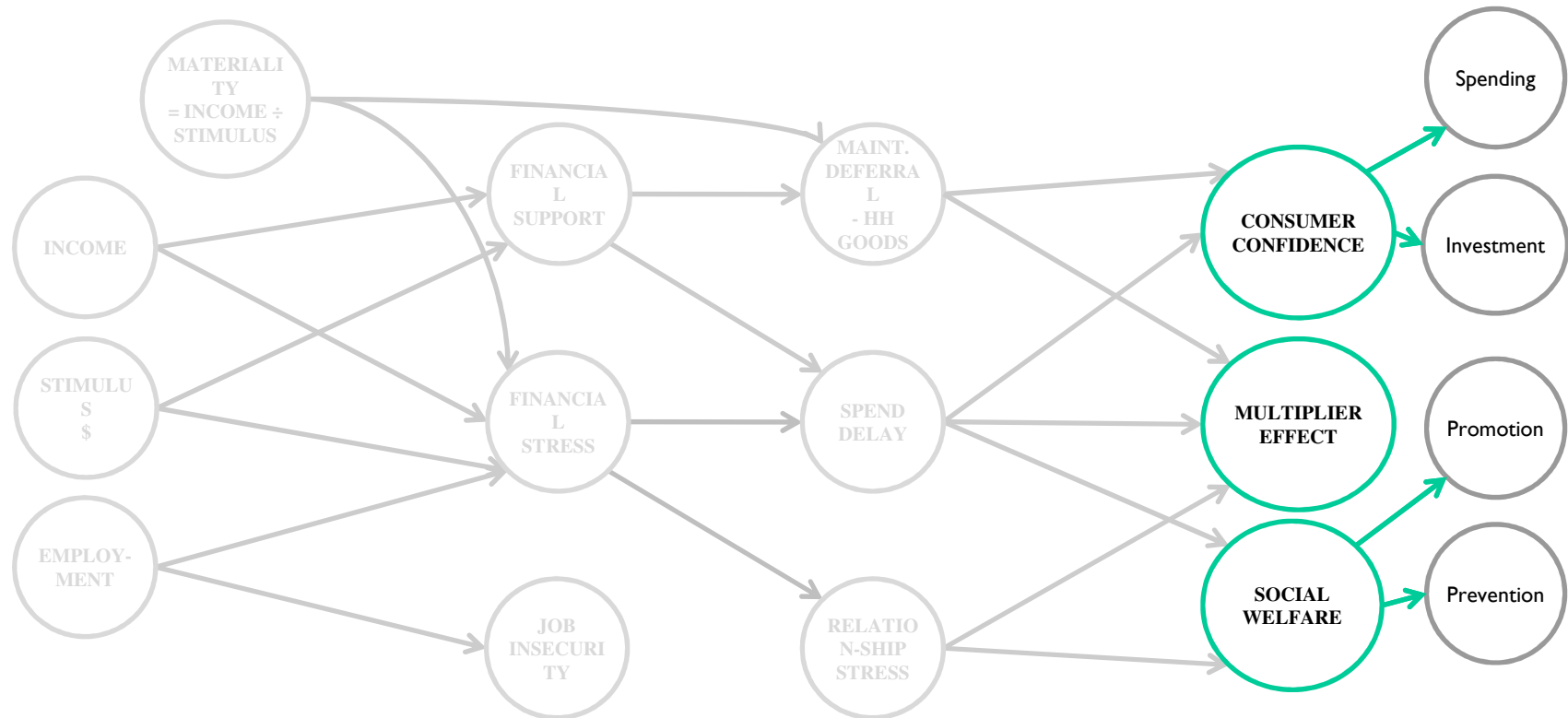


Interactions (Mediation)

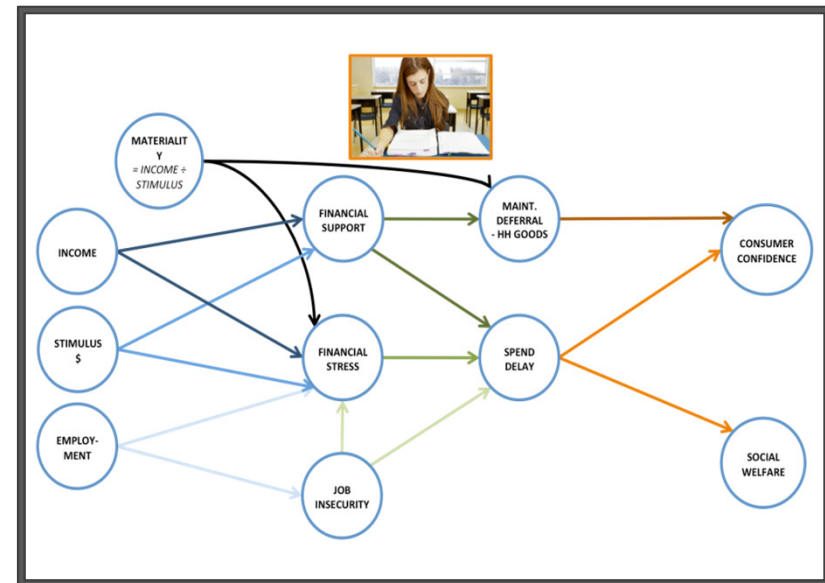
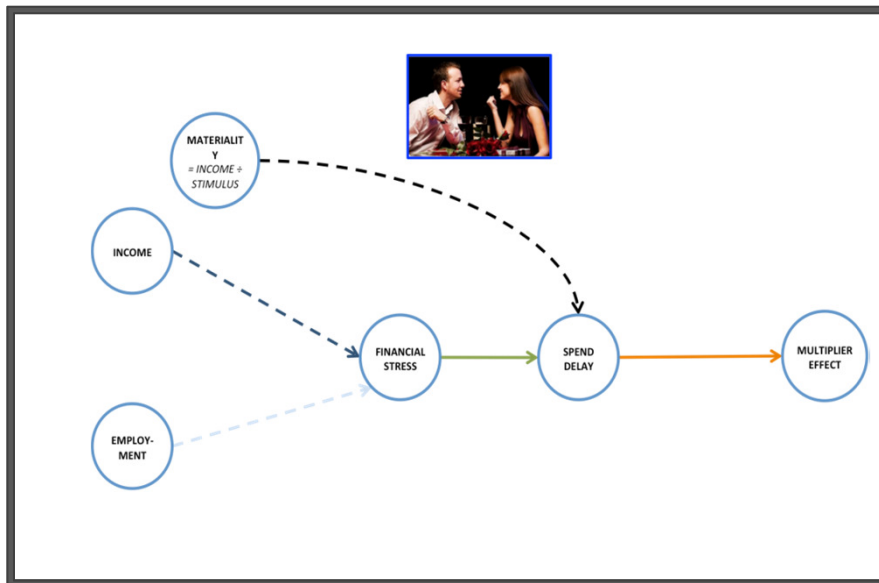
Independent Variables

Mediating Variables

Dependent Variables



2nd Order Constructs



Group Comparisons

