

Persons, Situations, and Time: Idiographic Behavior Prediction

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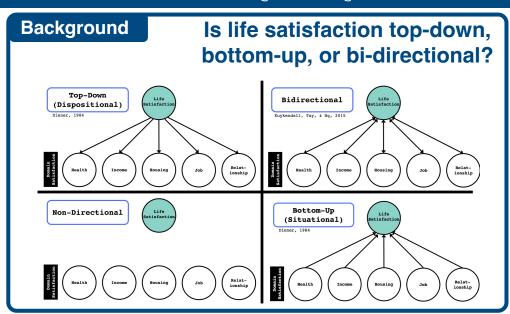
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Research Questions

1) Can we quantify the *degree* of directional patterns of life satisfaction? 2) Are there individual differences in the degree of directional patterns 3) Do individual patterns mirror population-level patterns?

Design

5 longitudinal samples

- 1. BHPS
- 2. GSOEP
- 3. HILDA4. LISS
- 5. SHP

MeasuresFive domains:

- BHPS
 GSOEP
- 3. HILDA
- 4. LISS 5. SHP
- Life Satisfaction

Analyses:

Idiographic: lag 1
graphical VAR models
Quantifying directionality:
standardized in- (bottomup) and out- (top-down)
strength centrality

Conclusions

The directionality of life satisfaction is an individual difference that requires a personalized approach to happiness and well-being.

GitHub:

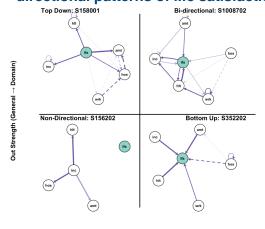
https://github.com/emoriebeck/behavior-prediction

Shiny App:

https://emoriebeck.shinyapps.io/behavior-prediction/OSF Rep: https://osf.io/8ebyx/

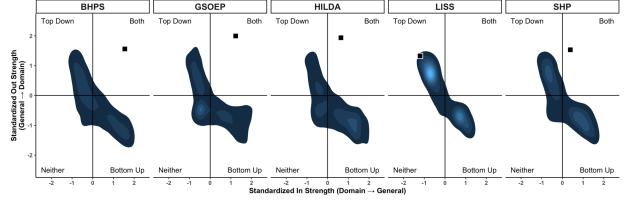
Results

RQ1: Can we quantify the *degree* of directional patterns of life satisfaction?



In Strength (Domain → General

RQ2: Are there individual differences in the degree of directional patterns?



RQ3: Do individual patterns mirror population-level patterns?

