ANNECY

AB SL

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Protocol: A systematic review of social connection inventories

Hans Rocha IJzerman
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https://psyarxiv.com/6ueyd

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Studies and Goals

- **Study 1a:** Create a database of social connection inventories
- **Study 1b:** Judge the degree of overlap between instruments
- **Study 2a:** Creating a database with validity evidence
- **Study 2b:** Evaluation of measurement properties and identify country of origin and for which groups measures were developed

Social Connection

A multidimensional concept with no clear consensus on the definition of the concept

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- How lonely people feel
- How people connect to one another
- How socially isolated people are

Components of Social Connection

Components of Social Connection

Structure
Function
Quality

Holt-Lunstad (2017, 2018)

Components of Social Connection

- Structure - quantitative in nature
- Function
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Components of Social Connection

- Structure
  - Marital status
  - Network size and diversity
  - Living arrangements
  - Frequent face-to-face or phone contact with family members
- Function
- Quality

Components of Social Connection

- Structure
- Function
  - If I were sick and needed someone (friend, family member, or acquaintance) to take me to the doctor, I would have trouble finding someone
  - Today, [target person's name] tried to see where I was coming from
  - How often do you feel that there is no one you can turn to?
  - How easy is it to get practical help from neighbors if you should need it?
- Quality

Components of Social Connection

- Structure
- Function
- Quality
    - My partner and I have frequent conflicts
    - I feel satisfied with our relationship
    - I would feel comfortable telling things that I do not tell other people

Measurement Challenges

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- **Lack of overlap:** Overlap even for romantic relationship quality is low (CORE Lab, 2023)

- **Psychology is WEIRD**: A subset of US (and sometimes European) participants are often being considered the "default humans", with researchers habitually (and inappropriately) generalizing from US participants to the world.

To what degree do social connection measures overlap?

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For whom were social connection measures developed?

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Assessing Item-Content Overlap

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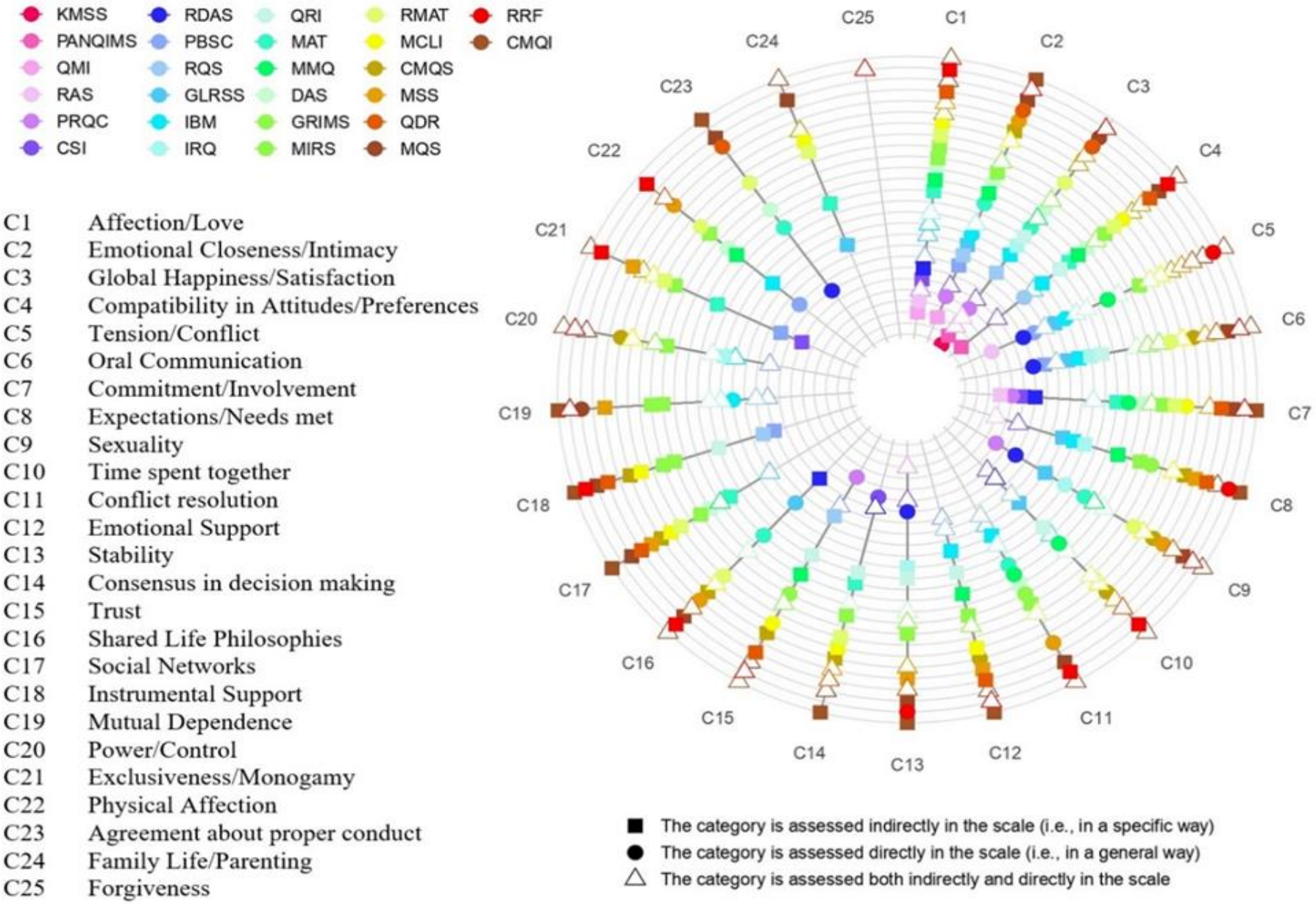
- **Conduct a systematic review:** Searching the literature for measures of social connection's structure, quality, and function.
- **Creation of coding categories:** While going through items, create categories of the item categories.
- **Assessment of overlap:** Estimating overlap through a Jaccard index within and across each component.

Assessing Item-Content Overlap



C1	Affection/Love
C2	Emotional Closeness/Intimacy
C3	Global Happiness/Satisfaction
C4	Compatibility in Attitudes/Preferences
C5	Tension/Conflict
C6	Oral Communication
C7	Commitment/Involvement
C8	Expectations/Needs met
C9	Sexuality
C10	Time spent together
C11	Conflict resolution
C12	Emotional Support
C13	Stability
C14	Consensus in decision making
C15	Trust
C16	Shared Life Philosophies
C17	Social Networks
C18	Instrumental Support
C19	Mutual Dependence
C20	Power/Control
C21	Exclusiveness/Monogamy
C22	Physical Affection
C23	Agreement about proper conduct
C24	Family Life/Parenting
C25	Forgiveness

Are measurement properties of social connection measures sufficient?

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Validity Evidence

- **Consensus** on what to measure is necessary, but not sufficient.
- **Validity evidence** consists of 1) test content, (2) response processes, (3) internal structure, (4) relations to other variables, and (5) consequences of testing.
- **We will evaluate** content validity, methodological quality, instrument quality, instrument interpretability, and instrument feasibility, after which we will provide recommendations regarding the use of the instruments.

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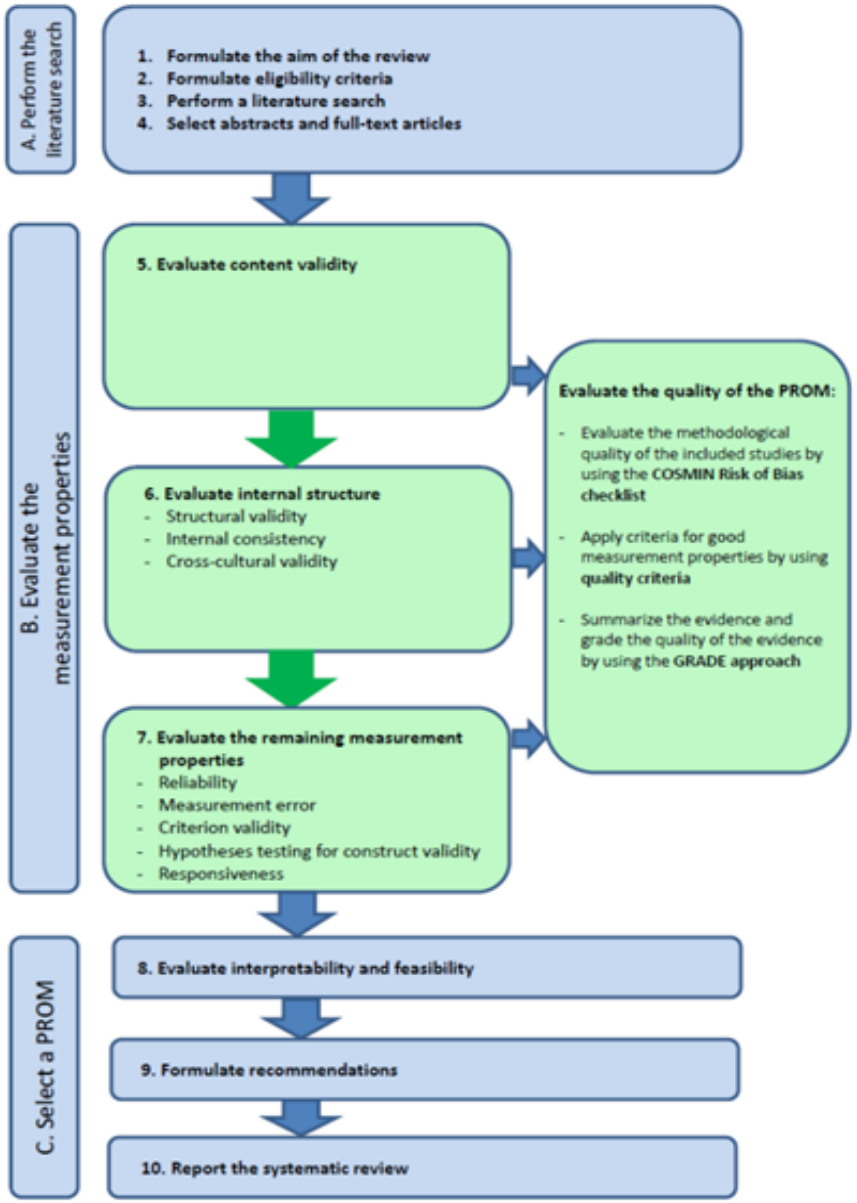
Renewing our search



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How WEIRD are we?

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Thank you!

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