

# An introduction to psychometric network analysis with applications to personality psychology

*Tuesday, September 24, 2024 3:30 PM (17 minutes)*

Network psychometrics aims to model correlational patterns in psychological phenomena, such as traits, affects, behaviors, cognitions, desires, abilities, and environments, in terms of interactions among their basic constituents. Network psychometrics has become central to several subfields of Psychology, offering a novel perspective on several phenomena, including personality traits. Conceptualizing personality traits as networks allowed researchers to go beyond the assumption that they simply reflect the effects of unobservable latent variables, to focus instead on the possibility that they can emerge from the interactions among their basic constituents. Network psychometrics offers a toolbox of statistical techniques to model psychological dynamics in a way that is coherent with this view. I will introduce widespread network psychometric techniques, including techniques for modeling cross-sectional and longitudinal data, with examples from personality psychology.

**If you're submitting a poster, would you be interested in giving a blitz talk?**

**If you're submitting a symposium talk, what's the symposium title?**

Applications of Psychometric Network Analysis in Psychology

**If you're submitting a symposium, or a talk that is part of a symposium, is this a junior symposium?**

No

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**Session Classification:** Symposia