# Contributed session: Developing, administering and refining measurement instruments in Social Sciences

Proponent: Ottavia M. Epifania

Chair: Livio Finos

September 19, 2024



#### Developing

## Design of a test for assessing teamwork and collaborative skills with Competence-based Knowledge Space Theory

Federica Morleo <sup>1,2</sup>, Alessandra Vitanza <sup>2</sup>, Pasquale Anselmi <sup>1</sup>

- Department of Philosophy, Sociology, Education and Applied Psychology, University of Padua, Italy
- $^{\rm 2}$  Institute of Cognitive Sciences and Technologies, National Research Council, Italy







#### Administering

### An R Package for Adaptive Assessment Utilizing Knowledge Space Theory and Formal Psychological Assessment

Andrea Brancaccio 1, Umberto Granziol 2

 $^{\rm 1}$  Institute for Applied Mathematics and Information Technologies, National Research Council, Milan, Italy

Department of General Psychology Psychology, University of Padua, Italy







### It's how you use the items that counts: An intelligent procedure for item selection in Item Response Theory

Ottavia M. Epifania<sup>1,2</sup>, Pasquale Anselmi<sup>3</sup>, Egidio Robusto<sup>3</sup>

Psychology and Cognitive Sciences Department, University of Trento, Italy

<sup>2</sup> Psicostat, University of Padova, Italy

Department of Philosophy, Sociology, Education, and Applied Pscyhology, University of Padova, Italy







