Exploring Process Data in PIACC Problem Solving: Discussion

Yigal Rosen

Harvard University

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Demand for performance assessments that report more diagnostically on thinking processes and action sequences.

- Adding PS in technology-rich environments to basic literacies framework (PIAAC, PISA)
- Analyzing process data via NLP: problem solving strategies, detecting low engagement (other important processes e.g., time-on-task)
- Applying the analysis to other more difficult PS tasks
- Implications to scoring and adaptive testing
- Enable process feedback in formative assessment (learning trajectories based on process data analysis)
- Improve assessment design
- Using process data in assessment reports
- Implications to PISA: 2015 CPS, 2018 digital reading literacy
- Insights to inform learning

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