


## A scoping review of video modeling interventions to support community participation for autistic adolescents and adults

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## The Challenge

**5.4 million autistic adults in the U.S.**

- Less likely
  - Live independently
  - Be employed
  - Participate in community activities



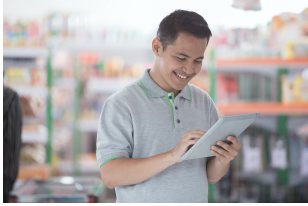


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## Video Modelling

- Watch video of target behavior
- Imitate observed behavior
- Perform a valued skills

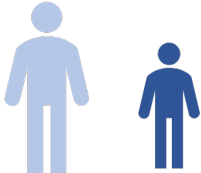
**• 19 studies: Adolescents and adults in community settings (n=40)**


- demographic characteristics of participants?
- activities?
- implications for research and intervention?





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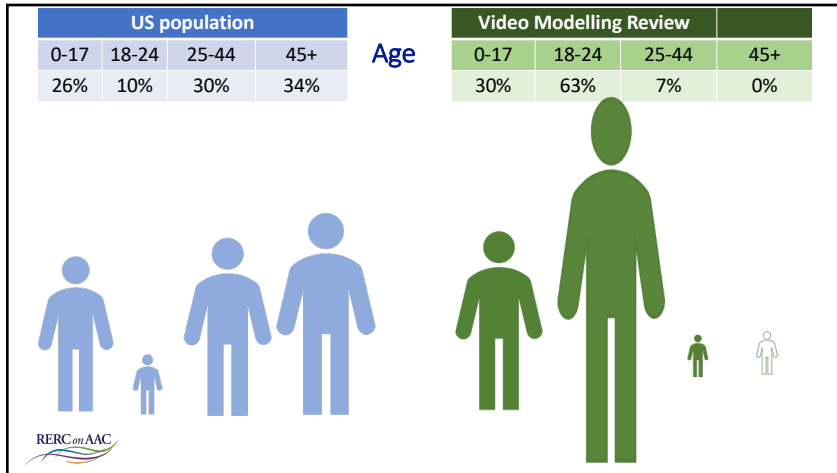
ASD Population		Severity of Disability (Support Needs)	Video Modelling Review	
Mild	Moderate /severe		Mild	Moderate /severe
58%	42%		37%	63%



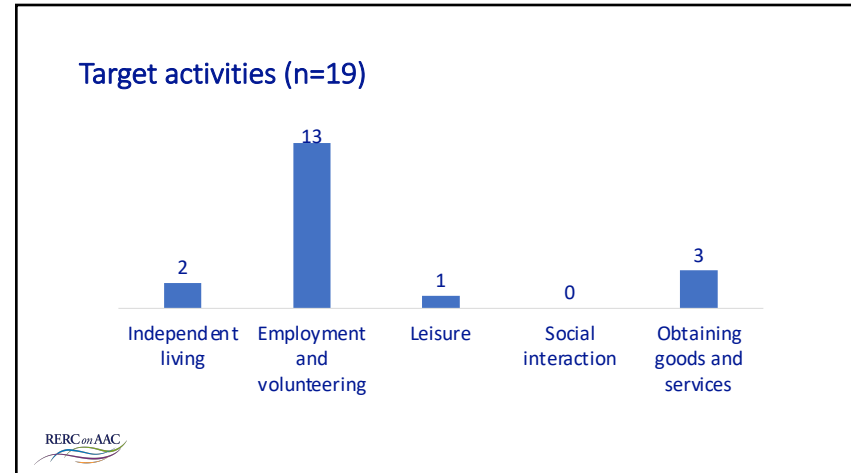




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## Communication

### Video Modelling Review

- Communication reported for 16 participants
  - 10 spoke using short sentences
  - 6 had *complex communication needs*
    - 3 received AAC support, 3 did not

RERC on AAC

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## Future directions: Video Visual Scene Displays

- Combine participation and communication supports
- Capture videos of events/interests
- Pause at key moments (in app)
  - Create visual scene displays at these junctures
  - Add hotspots with speech output

RERC on AAC

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Probe (Intervention)



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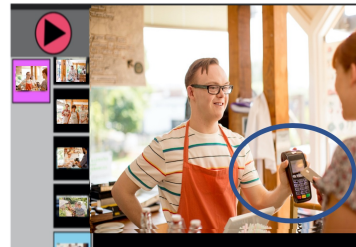
Future directions: Delivery Platforms



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Video Visual Scene Displays

- **RERC on AAC: Progress on Research, Development, and Training Activities**
  - Thursday July 8
  - 3:45 – 4:45
- Visit virtual RESNA booth
- <https://rerc-aac.psu.edu/>



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