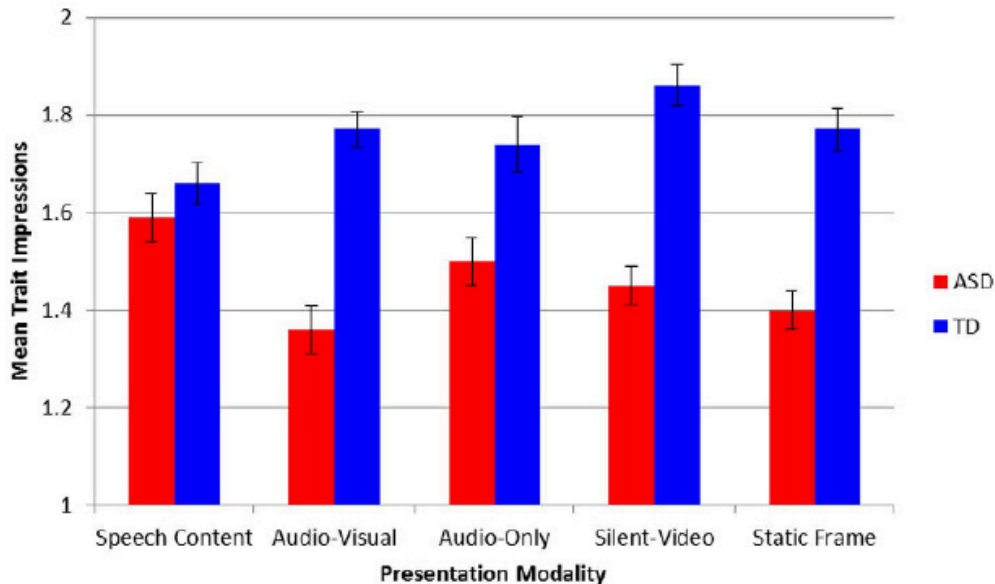


Thin Slice Judgments Study Series

Study 1 of 3 – 10 seconds of audition video



Raters were asked to rate autistics (ASD) and allistics (TD) based on 5 different formats.

- Speech Content (transcript only)
- Audio-Visual (10 second video clip)
- Audio Only (no video)
- Silent Video (no audio)
- Static Frame (one screen capture of the video)

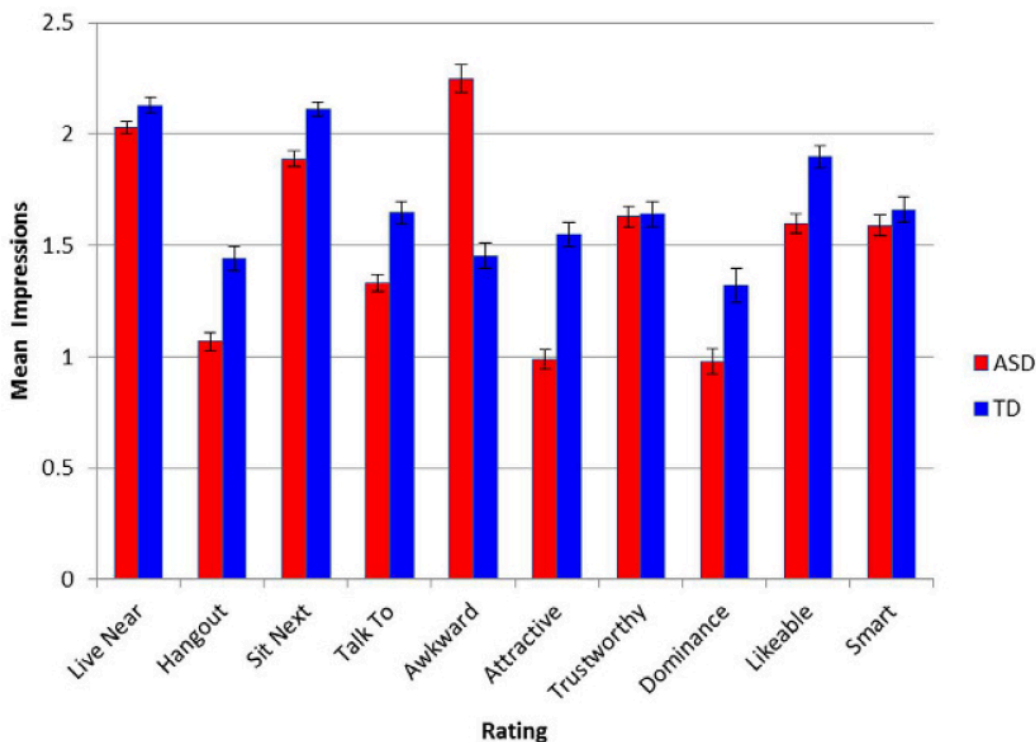
The average rating for autistics was lower in all formats of the audition video clip, except when it was transcript only (Speech Content).

When they were not seen or heard, autistic and allistics were rated equally based on what was actually said.

Raters were asked about willingness to live near the subject; and intent to hangout, sit next to, or talk to the subject. They rated subjects on traits such as awkwardness and attractiveness.

Autistics were rated significantly lower on all items except:

- Live near
- Trustworthy
- Smart

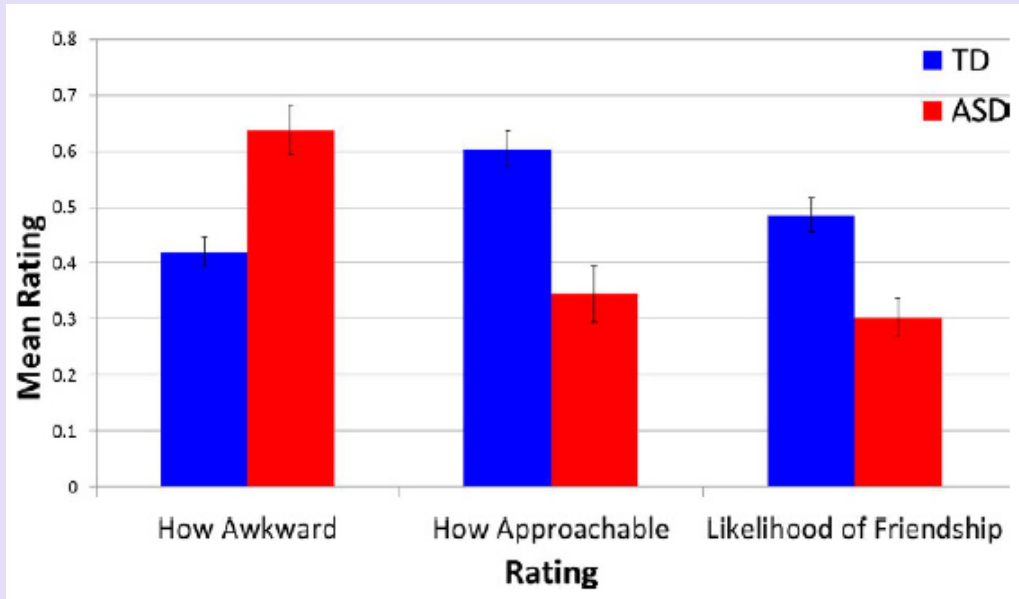


- 20 autistics, 20 allistics, 214 raters (undergrads at University of Texas at Dallas)
- ASD = Autism Spectrum Disorder, TD = Typically Developing controls
- Autistics identified by Autism Diagnostic Observation Scale (ADOS)
- Allistics identified by self-report, no autism diagnosis in themselves or family members
- Subjects asked to make 1 minute mock audition video for a reality/game show
- 10 seconds of that video was used for rating

Sasson, N., Faso, D., Nugent, J. et al. (2017). Neurotypical peers are less willing to interact with those with autism based on thin slice judgments. *Scientific Reports* 7, 40700. <https://doi.org/10.1038/srep40700>

Thin Slice Judgments Study Series

Study 2 of 3 – 10 still frames of casual conversation



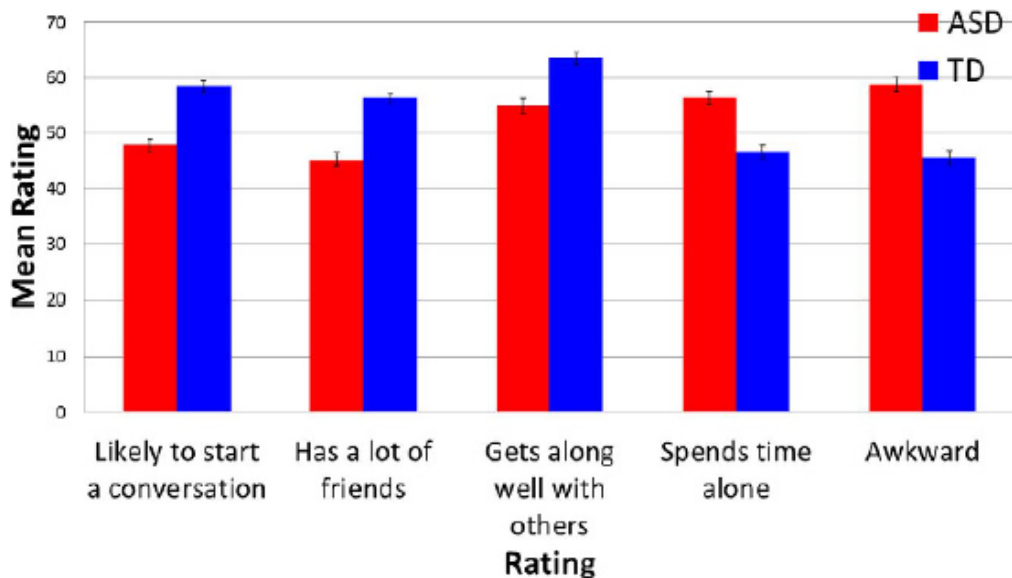
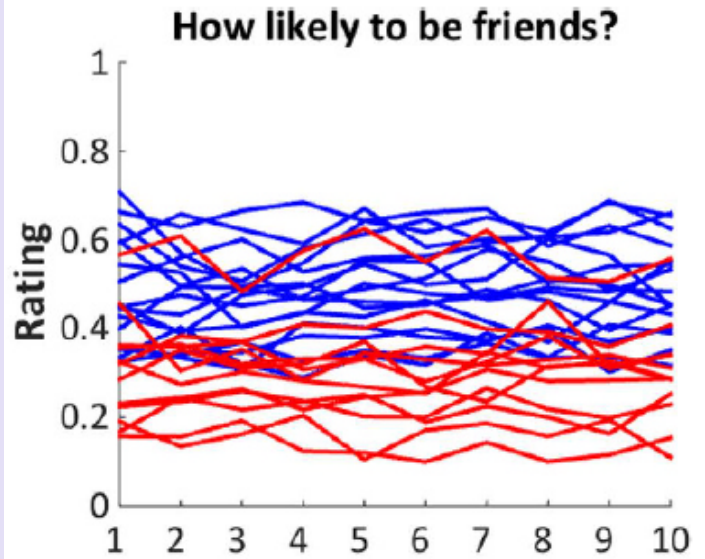
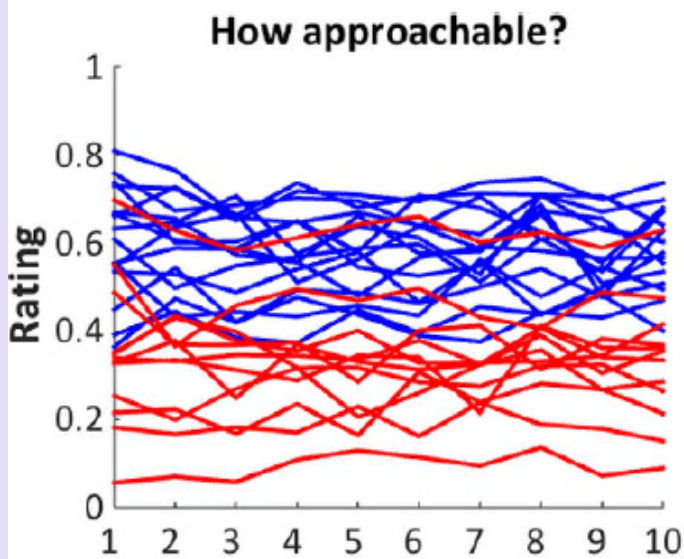
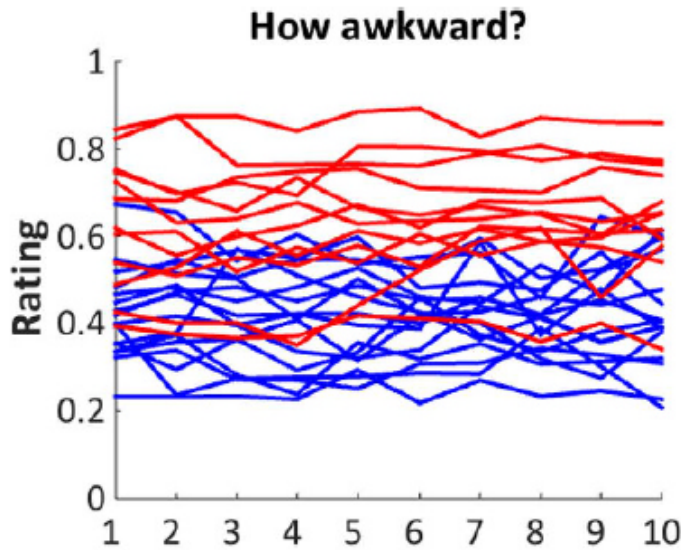
- 12 autistics, 16 allistics, 37 raters (undergrads at Indiana University)
- ASD = Autism Spectrum Disorder, TD = Typically Developing controls
- Autistics identified by Autism Diagnostic Observation Scale (ADOS)
- Allistics identified by self-report, no autism diagnosis in themselves or family members
- Subjects interviewed by experimenter with casual questions (e.g. “Have you seen any good movies lately?”)
- 10 still frames selected randomly, from video recorded from experimenter point-of-view

Study 3 of 3 – 2-4 second clip expressing emotion

- 14 autistic boys, 7 allistic controls,
- 158 raters (125 adults, 33 adolescents) from online crowdsourcing platform
- Raters excluded if they did not grow up and live in the USA or spoke American English
- Autistics identified by Autism Diagnostic Observation Scale (ADOS)
- Allistics identified by scoring below threshold on CARS (Childhood Autism Rating Scale)
- Subjects recorded on video telling brief stories about happiness, surprise, fear, and anger.
- 2-4 second clips were extracted representing all 4 emotions. containing one complete sentence or phrase each. Subject videos matched to same emotions in controls
- Raters used a slider instead of a numerical scale to allow freedom of judgment.

Thin Slice Judgments Study Series

Study 3 of 3 – 2-4 second clip expressing emotion



Adolescents only answered 3 of these scales:

- Gets along well with others
- Spends time alone
- Awkward

ASD = Autism Spectrum Disorder

TD = Typically Developing controls