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Presentation

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# Introduction

- Social cognition has traditionally been measured with lab tasks (e.g., Carpenter, et al., 1998)
- Recently, Tahiroglu et al (2014) have developed the Children's Social Understanding Scale for 3- to 5-yearolds which found parents reliably report socio-cognitive development.
- To examine earlier socio-cognitive development, we have created a parent-report measure of social cognition from birth to 3 years, the Early Social Cognition Survey.

# Survey Construction

- 23 questions sought to determine children's level of social cognition
- Based on past lab research covering attention to faces (e.g., Csibra & Gergely, 2006); joint engagement, pointing, point and gaze following, mimicry, imitation, intention understanding (e.g., Carpenter, et al., 1998); understanding desires (e.g., Repacholi & Gopnik, 1997); perspective taking(e.g., Moll & Tomasello, 2006); emotions (e.g., Denham, 1986); appearance vs reality (e.g., Flavell, et al., 1983); and knowledge and beliefs (e.g., Baron-Cohen, et al., 1985).
- Include own intentions, emotions, etc., as well as others (e.g., Meltzoff, 2007)

## **Exploratory Analysis**

- 230 parents of children 17 days 47;10 (M = 18;14)
- 23-question survey on babylovesscience.com
- One item did not correlate well with the average score of all items: "Does your child like to look at faces?"
- The remaining 22 items correlated with the average score of these items, all *Spearman's rho>.*3, *p*<.05.
- Scale reliability was excellent, *KR20*=0.95.

# Replication

- Separate group of 228 parents of children 21 days 47;16 (M = 20;21)
- Scale reliability for 22 items was excellent, *KR*20=0.93.

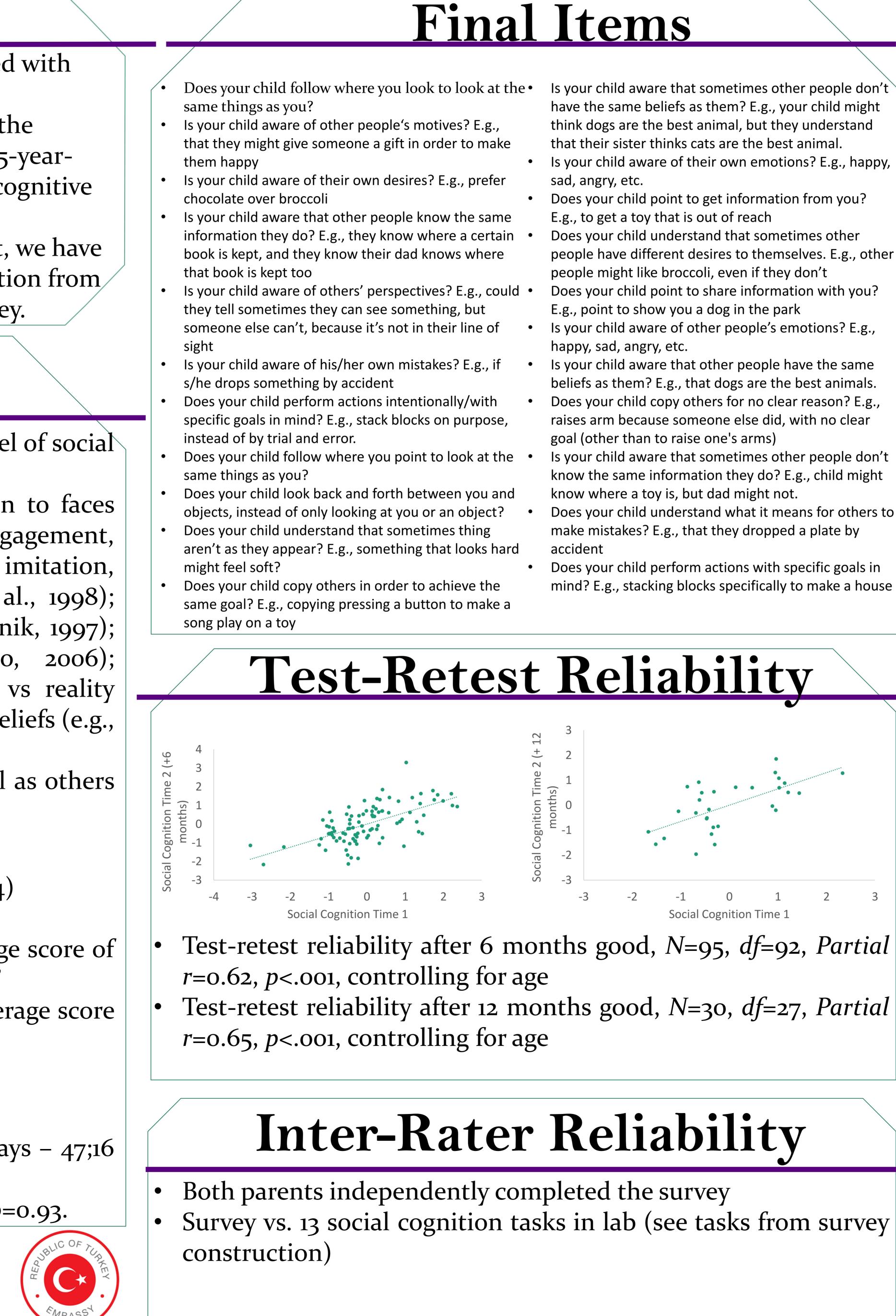


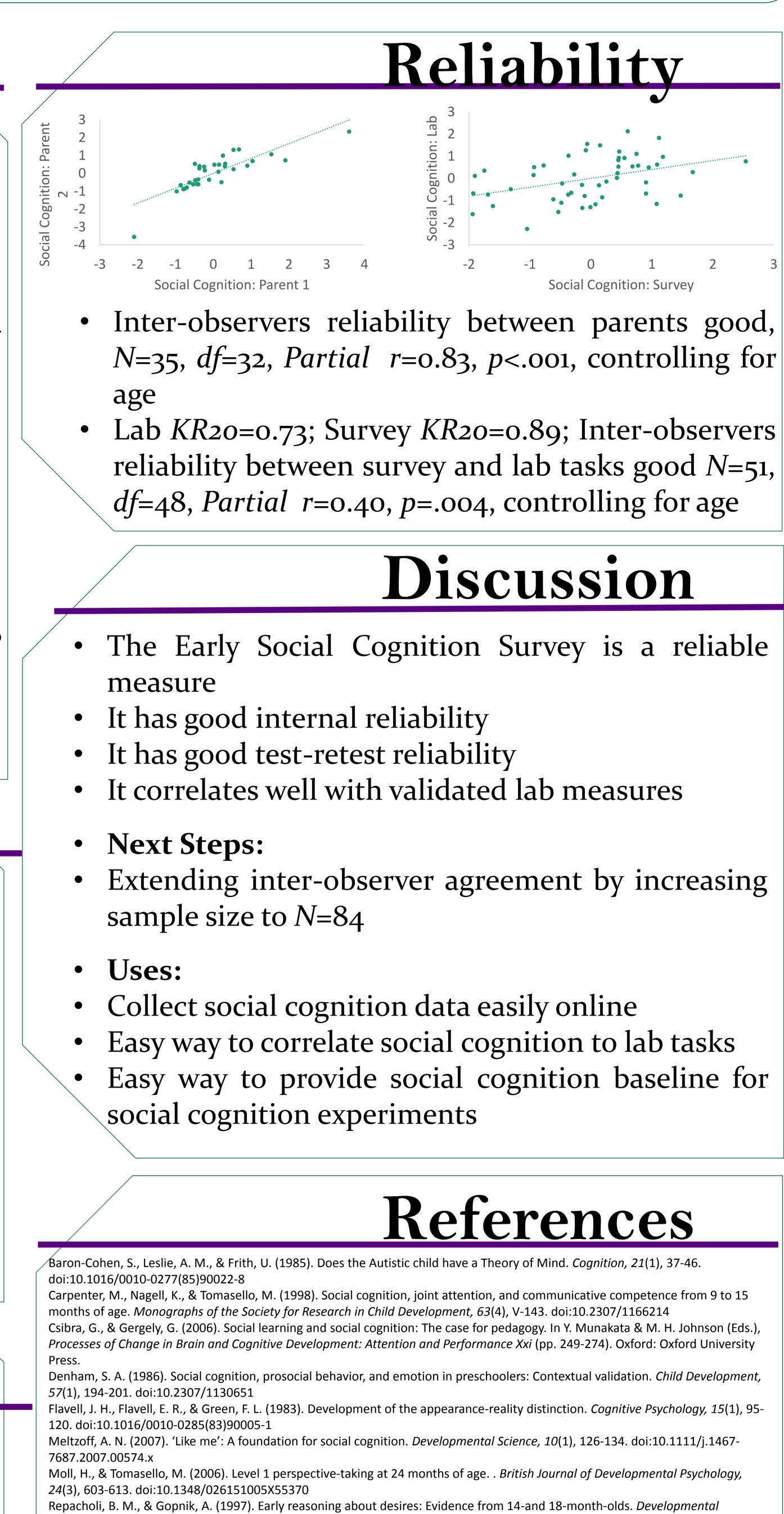






# **Developing a Parent Report Measure of Social Cognition from Birth to 3 Years** Elena Hoicka<sup>a</sup>, Burcu Soy<sup>a</sup>, Eloise Prouten<sup>a</sup>, Merideth Gattis<sup>b</sup>, & Erika Nurmsoo<sup>c</sup> (email: <u>e.hoicka@sheffield.ac.uk</u>)









Psychology, 33(1), 12-21. doi:10.1037/0012-1649.33.1.12 Tahiroglu, D., Moses, L. J., Carlson, S. M., Mahy, C. E., Olofson, E. L., & Sabbagh, M. A. (2014). The Children's Social Understanding Scale: Construction and validation of a parent-report measure for assessing individual differences in children's theories of mind. Developmental Psychology, 50(11), 2485-2497. doi:10.1037/a0037914