

**Supplemental Material S1.** DSM-5 diagnostic criteria aligned with social (pragmatic) communication domains and sample PRS-SA items.

<b>DSM-5 Diagnosis</b>	<b>DSM-5 Diagnostic criteria</b>	<b>Social (pragmatic) Communication Domain</b>	<b>Sample PRS-SA item</b>
SCD	A1. Deficits in use of communication for social purposes (e.g., greeting and sharing information), in a manner that is appropriate for social context.	Speech Acts, Presupposition	Social commenting appropriate for the social context
	A2. Impairment in the ability to change communication to match context or needs of the listener (e.g., speaking differently in a classroom than on a playground, avoiding use of overly formal language)	Presupposition	Providing appropriate amount of information given the needs of the communicative partner and context
	A3. Difficulties following rules for conversation and storytelling (e.g., taking turns in conversation, rephrasing when misunderstood, and use of verbal and nonverbal signals to regulate interaction.	Discourse management	Appropriate conversational turn length; Appropriateness of clarifications; Use of gestures
	A4. Difficulties understanding what is not explicitly stated (e.g., making inferences) and nonliteral or ambiguous language (e.g., idioms, humor, metaphors, etc.).	Presupposition; Figurative language; Nonverbal communication	Expression and understanding of humor
ASD	A1. Abnormal social approach, conversation reciprocity, and reduced sharing of interests	Presupposition, Discourse management, Speech acts	
	A2. Deficits in nonverbal communication behaviors	Non-verbal communication	
	A3. Adjusting behavior to suit various social contexts	Presupposition	
	B1. Echolalia and idiosyncratic phrases	Speech acts	
B2. Insistence on sameness such as greeting rituals		Speech acts, Presupposition	
	B3. Restricted interests or focus	Presupposition, Discourse management	
B4. Sensory reactivity that may lead to personal space violations (e.g., touching the communicative partner's hair)		Non-verbal communication	

Derived from the DSM-5 (American Psychiatric Association, 2013)