

Supplementary table 4. Analyses of covariance (ANCOVAs) between social skills and languages use, controlling for demographic data such as gender, age, nationality, economic resources, intelligence, autistic traits, diagnoses, and comorbidities of children. ANCOVA (F) values for group differences, significance levels (p), and adjusted R squared (r^2) effect size measurements.

Measure	SRS-2 total raw score	Social awareness	Social cognition	Social communication	Social motivation	restricted interests and repetitive behavior
	ANCOVA (F)	ANCOVA (F)	ANCOVA (F)	ANCOVA (F)	ANCOVA (F)	ANCOVA (F)
Gender	$F(3,63) = 0.83, p = .48,$ $r^2 = -.02$	$F(3,63) = 0.59, p = .62,$ $r^2 = -.03$	$F(3,63) = 0.59, p = .62,$ $r^2 = -.03$	$F(3,63) = 1.00, p = .40,$ $r^2 = -.01$	$F(3,63) = 1.20, p = .32,$ $r^2 = .06$	$F(3,63) = 0.67, p = .58,$ $r^2 = -.03$
Age	$F(3,63) = 0.87, p = .46,$ $r^2 = -.01$	$F(3,63) = 0.57, p = .64,$ $r^2 = -.03$	$F(3,63) = 0.67, p = .58,$ $r^2 = -.01$	$F(3,63) = 1.07, p = .37,$ $r^2 = -.01$	$F(3,63) = 1.05, p = .38,$ $r^2 = .00$	$F(3,63) = 0.67, p = .57,$ $r^2 = -.03$
Nationality	$F(3,63) = 0.89, p = .45,$ $r^2 = -.00$	$F(3,63) = 1.06, p = .37,$ $r^2 = .02$	$F(3,63) = 0.61, p = .61,$ $r^2 = -.01$	$F(3,63) = 1.03, p = .39,$ $r^2 = .02$	$F(3,63) = 1.06, p = .37,$ $r^2 = .02$	$F(3,63) = 0.67, p = .58,$ $r^2 = -.03$
Economic resources	$F(3,61) = 0.90, p = .45,$ $r^2 = -.02$	$F(3,61) = 0.54, p = .66,$ $r^2 = -.04$	$F(3,61) = 0.63, p = .60,$ $r^2 = -.03$	$F(3,61) = 0.94, p = .43,$ $r^2 = -.02$	$F(3,61) = 1.28, p = .29,$ $r^2 = .02$	$F(3,61) = 0.79, p = .51,$ $r^2 = -.03$
Intelligence	$F(3,34) = 0.23, p = .88,$ $r^2 = -.07$	$F(3,34) = 0.78, p = .51,$ $r^2 = -.04$	$F(3,34) = 0.20, p = .89,$ $r^2 = -.08$	$F(3,34) = 0.45, p = .72,$ $r^2 = -.06$	$F(3,34) = 0.39, p = .76,$ $r^2 = .02$	$F(3,34) = 0.05, p = .98,$ $r^2 = -.11$
Autistic traits	$F(3,63) = 0.73, p = .54,$ $r^2 = .40$	$F(3,63) = 0.61, p = .61,$ $r^2 = .09$	$F(3,63) = 0.48, p = .70,$ $r^2 = .33$	$F(3,63) = 0.93, p = .43,$ $r^2 = .27$	$F(3,63) = 0.88, p = .46,$ $r^2 = .31$	$F(3,63) = 0.54, p = .66,$ $r^2 = .19$

Diagnosis	$F(3,63) = 0.80, p = .50,$ $r^2 = .00$	$F(3,63) = 0.47, p = .71,$ $r^2 = -.03$	$F(3,63) = 0.57, p = .64,$ $r^2 = -.03$	$F(3,63) = 1.02, p = .39,$ $r^2 = -.00$	$F(3,63) = 0.97, p = .42,$ $r^2 = .01$	$F(3,63) = 0.60, p = .62,$ $r^2 = .01$
Comorbidities						
Hearing difficulties	$F(3,63) = 0.79, p = .50,$ $r^2 = -.01$	$F(3,63) = 0.65, p = .59,$ $r^2 = -.01$	$F(3,63) = 0.48, p = .70,$ $r^2 = -.01$	$F(3,63) = 0.90, p = .45,$ $r^2 = .01$	$F(3,63) = 0.89, p = .45,$ $r^2 = .01$	$F(3,63) = 0.64, p = .59,$ $r^2 = -.02$
Learning difficulties	$F(3,63) = 0.87, p = .46,$ $r^2 = -.00$	$F(3,63) = 0.43, p = .73,$ $r^2 = -.03$	$F(3,63) = 0.58, p = .63,$ $r^2 = .00$	$F(3,63) = 1.06, p = .37,$ $r^2 = .00$	$F(3,63) = 0.98, p = .41,$ $r^2 = -.00$	$F(3,63) = 0.71, p = .55,$ $r^2 = -.03$
Language delay	$F(3,63) = 0.81, p = .49,$ $r^2 = -.02$	$F(3,63) = 0.48, p = .70,$ $r^2 = -.03$	$F(3,63) = 0.58, p = .63,$ $r^2 = -.03$	$F(3,63) = 1.00, p = .40,$ $r^2 = -.01$	$F(3,63) = 0.99, p = .40,$ $r^2 = -.01$	$F(3,63) = 0.63, p = .60,$ $r^2 = -.03$
Other comorbidities	$F(3,63) = 0.72, p = .55,$ $r^2 = .01$	$F(3,63) = 0.52, p = .67,$ $r^2 = -.03$	$F(3,63) = 0.47, p = .71,$ $r^2 = -.01$	$F(3,63) = 0.91, p = .44,$ $r^2 = .00$	$F(3,63) = 0.72, p = .55,$ $r^2 = .01$	$F(3,63) = 0.65, p = .59,$ $r^2 = -.00$

Note: economic resources = parent report, intelligence = parent report, autistic traits = AQ-Child total raw score