

Supplemental Material S2. Summary of multiple regression models run within group.

	Sibs-autism				Sibs-NA			
	Model 1	Model 2	Model 3	Model 4	Model 1	Model 2	Model 3	Model 4
Variable β								
1. Intentional Communication	.292	.391	.176	.269	.566**	.351 [‡]	.564**	.351
2. Vocalization Complexity		-.251	—	-.197		.416 [‡]	—	.412
3. Responding to Joint Attention		—	.302	.262		—	-.099	-.089
Model Fit Statistics								
$F(df)$	2.33 (1, 25)	1.93 (2, 24)	2.34 (2, 24)	1.85 (3, 23)	9.41 (1, 20)**	7.66 (2,19)**	4.68 (2, 19)*	4.99 (3, 18)*
Total R^2	.085	.138	.163	.194	.320	.444	.330	.454
Comparison to Model 1								
ΔR^2	—	.053	.025	.031	—	.124	.114	.124
Model Fit Improvement p	—	.235	.147	.231	—	.051	.603	.138

[‡] $p < .1$. * $p < .05$. ** $p < .01$.