

Supplemental Table 1: Family Experience of Applied Behavior Analysis (ABA)

Family	Children with Autism (age at recruitment)	Parents	Other Children (age)	Parents' Actions Regarding ABA	Family Experiences with ABA	Occupational Diagnosis of Complex Situation
1	Mateo Jr. (4 yrs, 11 mos)  Isabella (3 yrs, 9 mos)	Fabiana (Mother), Mateo Sr. (Father)	Melanie (1 yr, 11 mos)	<ul style="list-style-type: none"> <li>• Mother declined ABA evaluations for both children</li> </ul>	<ul style="list-style-type: none"> <li>• Mother said ABA:                             <ul style="list-style-type: none"> <li>○ would be beneficial for children</li> <li>○ but would be a “really intense” commitment for self</li> <li>○ would require difficult “adjustment” period for children</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Occupational losses (family) outweighed occupational benefits (children)</li> </ul>
					<ul style="list-style-type: none"> <li>• Mother was tired, needed a break, and was not ready to have therapists in her home regularly</li> <li>• Mother wanted the children to have unstructured time after school</li> <li>• (Father’s experiences unknown)</li> </ul>	<ul style="list-style-type: none"> <li>• Orchestration challenges</li> <li>• Occupational imbalance (Mother and children)</li> </ul>
2	Rafael Jr. (6 yrs, 7 mos)	Nicole (Mother), Rafael Sr. (Father)	Andrew (10 mos)  (Family expecting another baby when study ended)	<ul style="list-style-type: none"> <li>• Parents accepted ABA</li> <li>• Parents frequently cancelled ABA because Rafael Jr. cried during most sessions</li> </ul>	<ul style="list-style-type: none"> <li>• Parents said ABA:                             <ul style="list-style-type: none"> <li>○ was beneficial for Rafael Jr.</li> <li>○ but did not like that it “triggered” him, resulting in tears and “bad” sessions where he “score[d] low”</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Positive and negative occupational outcomes (child)</li> <li>• Occupational losses (family) outweighed occupational benefits (child)</li> </ul>
				<ul style="list-style-type: none"> <li>• Mother stopped ABA</li> </ul>	<ul style="list-style-type: none"> <li>• When the new baby was born, Mother wanted the flexibility to take a break or to cancel sessions when the family was not getting enough sleep</li> <li>• ABA supervisors told Mother she should not cancel more sessions, so she was “done with them”</li> </ul>	<ul style="list-style-type: none"> <li>• Orchestration challenges</li> <li>• Occupational imbalance (family)</li> </ul>
				<ul style="list-style-type: none"> <li>• Mother considered re-starting ABA</li> </ul>	<ul style="list-style-type: none"> <li>• A year later, Mother was considering a different ABA company but was apprehensive because she:                             <ul style="list-style-type: none"> <li>○ valued Rafael Jr. having unstructured time after school</li> <li>○ did not want him to cry anymore</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Occupational imbalance (child)</li> <li>• Negative occupational outcomes (child)</li> </ul>
3	Gabriela (3 yrs, 4 mos)	Sarah (Mother)  (David, Sarah’s boyfriend, considered	Camila (6 yrs)	<ul style="list-style-type: none"> <li>• Mother accepted ABA</li> </ul>	<ul style="list-style-type: none"> <li>• Mother did not see results (Gabriela behaved well during sessions)</li> </ul>	<ul style="list-style-type: none"> <li>• No evidence of amelioration of occupational challenges (child)</li> </ul>
					<ul style="list-style-type: none"> <li>• Mother said requirement to be present for all sessions was “too much” as she balanced work, school, and caring for both children</li> </ul>	<ul style="list-style-type: none"> <li>• Orchestration challenges</li> </ul>

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		a "father figure")			<ul style="list-style-type: none"> <li>Camila said Mother did not have enough time for her</li> </ul>	<ul style="list-style-type: none"> <li>Occupational imbalance (Mother and sister)</li> </ul>
				<ul style="list-style-type: none"> <li>Mother stopped ABA</li> </ul>	<ul style="list-style-type: none"> <li>After a few weeks, Mother determined benefits did not outweigh costs</li> </ul>	<ul style="list-style-type: none"> <li>Occupational losses (family) outweighed occupational benefits (child)</li> </ul>
4	Danny (5 yrs, 8 mos)	Sofia (Mother), Daniel (Father)	Half-sister Abigail (17 yrs)	<ul style="list-style-type: none"> <li>Parents accepted ABA</li> <li>Parents delayed starting other therapies because of the initial difficulty of ABA</li> </ul>	<ul style="list-style-type: none"> <li>Father expressed concern that 15 hours of therapies/week did not leave Danny time to "be a kid"</li> <li>Parents found ABA sessions "difficult to watch" because Danny cried for hours</li> <li>Daniel questioned whether it was making Danny's behavior "worse"</li> </ul>	<ul style="list-style-type: none"> <li>Orchestration challenges</li> <li>Occupational imbalance (Father and child)</li> <li>Negative occupational outcomes (child)</li> <li>No evidence of amelioration of occupational challenges (child)</li> </ul>
				<ul style="list-style-type: none"> <li>Parents committed to continuing ABA</li> </ul>	<ul style="list-style-type: none"> <li>Parents became 'bought into' ABA after seeing results (e.g., Danny pointing to make a choice between two objects)</li> </ul>	<ul style="list-style-type: none"> <li>Positive occupational outcomes (child)</li> </ul>
				<ul style="list-style-type: none"> <li>Parents objected to ABA approach</li> </ul>	<ul style="list-style-type: none"> <li>Parents said that rigid ABA strategies were: <ul style="list-style-type: none"> <li>no longer working</li> <li>not drawing upon Danny's cognitive strengths</li> <li>frustrating him</li> </ul> </li> <li>Parents said this approach was misaligned with their "family philosophy"</li> </ul>	<ul style="list-style-type: none"> <li>No evidence of amelioration of occupational challenges (child)</li> <li>Negative occupational outcomes (child)</li> <li>Mismatch with occupational style (ABA approach with family)</li> </ul>
				<ul style="list-style-type: none"> <li>Parents "shaped" ABA for Danny</li> </ul>	<ul style="list-style-type: none"> <li>Parents insisted that therapists use a "naturalistic" approach (i.e., through naturally-occurring family activities) that drew upon Danny's strengths</li> </ul>	<ul style="list-style-type: none"> <li>Congruence with occupational style (ABA approach and family)</li> <li>Positive occupational outcomes (child)</li> </ul>

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5	Jayden (5 years, 5 months)	Sabine and Kyle	None	<ul style="list-style-type: none"> <li>Parents accepted ABA</li> <li>Parents committed to continuing ABA</li> </ul>	<ul style="list-style-type: none"> <li>Parents said their first ABA therapist was “phenomenal” and “reached” Jayden because her manner of engaging him was similar to Parents’ engagement style (e.g., energetic; treat all his behaviors as intentional and communicative)</li> </ul>	<ul style="list-style-type: none"> <li>Congruence with occupational style (therapist with family)</li> </ul>
				<ul style="list-style-type: none"> <li>Father objected to ABA approach</li> </ul>	<ul style="list-style-type: none"> <li>Jayden got a new therapist and supervisor; Parents believed that Jayden “regressed” because of the change (increased aggressive and self-injurious behaviors, tantrums)</li> <li>Father said new supervisor’s interpretation of and response to Jayden’s tantrum behaviors was <ul style="list-style-type: none"> <li>ineffective</li> <li>not in line with Parents’ engagement style</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Negative occupational outcomes (child)</li> <li>No evidence of amelioration of occupational challenges (child)</li> <li>Mismatch with occupational style (ABA approach with family)</li> </ul>
				<ul style="list-style-type: none"> <li>Father shaped ABA for Jayden</li> </ul>	<ul style="list-style-type: none"> <li>Father insisted that supervisor and therapist alter treatment plan (e.g., do not ignore all tantrums)</li> <li>Later, their new therapist was better aligned with Parents’ style: <ul style="list-style-type: none"> <li>improvement in tantrum behaviors</li> <li>Parents happy with ABA</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Congruence with occupational style (ABA approach and therapist with family)</li> <li>Evidence of amelioration of occupational challenges (child)</li> </ul>
6	Olivia (3 yrs, 7 mos)	Miriam and Dan	Zack (6 yrs)	<ul style="list-style-type: none"> <li>Parents accepted ABA</li> </ul>	<ul style="list-style-type: none"> <li>Parents were happy with ABA because they: <ul style="list-style-type: none"> <li>saw progress</li> <li>had a close relationship with the therapist</li> </ul> </li> <li>Mother made it her “mission” to keep the same therapist when funding switched from regional center to private health insurance</li> </ul>	<ul style="list-style-type: none"> <li>Positive occupational outcomes (child)</li> <li>Congruence of occupational style (therapist with family)</li> </ul>
				<ul style="list-style-type: none"> <li>ABA stopped when family moved to another town</li> <li>9 months later, Family started</li> </ul>	<ul style="list-style-type: none"> <li>Parents’ experiences with new ABA program unknown (end of study)</li> </ul>	

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				with new company		