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Area of Interest:
Chiropractic and
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Gradual Guidance and Independent Activity Schedules for a Child with Autism

By: Amanda Driscoll
Mentor: Ali Markowitz

Problem

- Children sometimes engage in noncompliant and aggressive behaviors
 - Behaviors included:
 - Crying
 - Flopping
 - Eloping
 - Throwing Materials
 - Hitting
 - Biting



Problem Cont.

- Research showed the use of independent activity schedules with children with autism
 - Increased on-task behavior
 - Increased on-schedule behavior
 - Increased independence



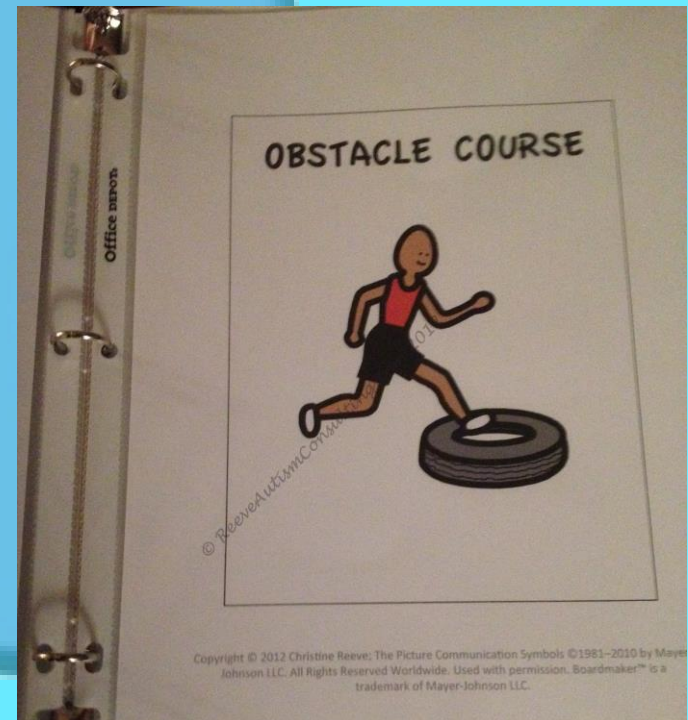
Child



- 3-year-old boy with autism
- Discrete trial classroom
- Engaged in noncompliant and self-injurious behaviors
 - Screaming
 - Throwing materials
 - Hitting
 - Biting
 - Mouthing objects
 - Hitting head against environment

Intervention

- Implementing the independent activity schedule
 - Gradual Guidance
 - Least amount of prompting for successful completion of task



Intervention Cont.

- Measured on-task and on-schedule behavior
 - Measured behaviors in 15-second intervals
 - On-task:
 - Attending to
 - Book, materials, or activity
 - Transitioning
 - Engaging in task
 - On-schedule:
 - Engaging in the task corresponding to picture

Procedure

- Materials in discrete trial booth
- Child was told
 - “Get Your Book!”
- Completed tasks
- Exchanged “All Done” icon

Tasks

(Most to Least Preferred)

- Geo board
- Star stacker
- Large pegs
- Match simple objects
- Sort by pairs



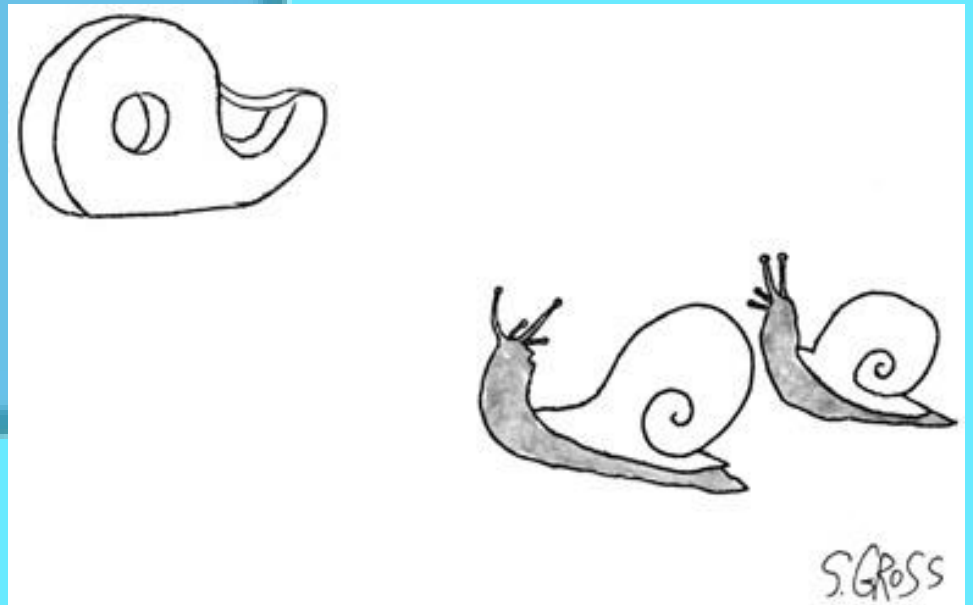
Phases

- Phase One: One Task
- Phase Two: Two Tasks
- Phase Three: Three Tasks

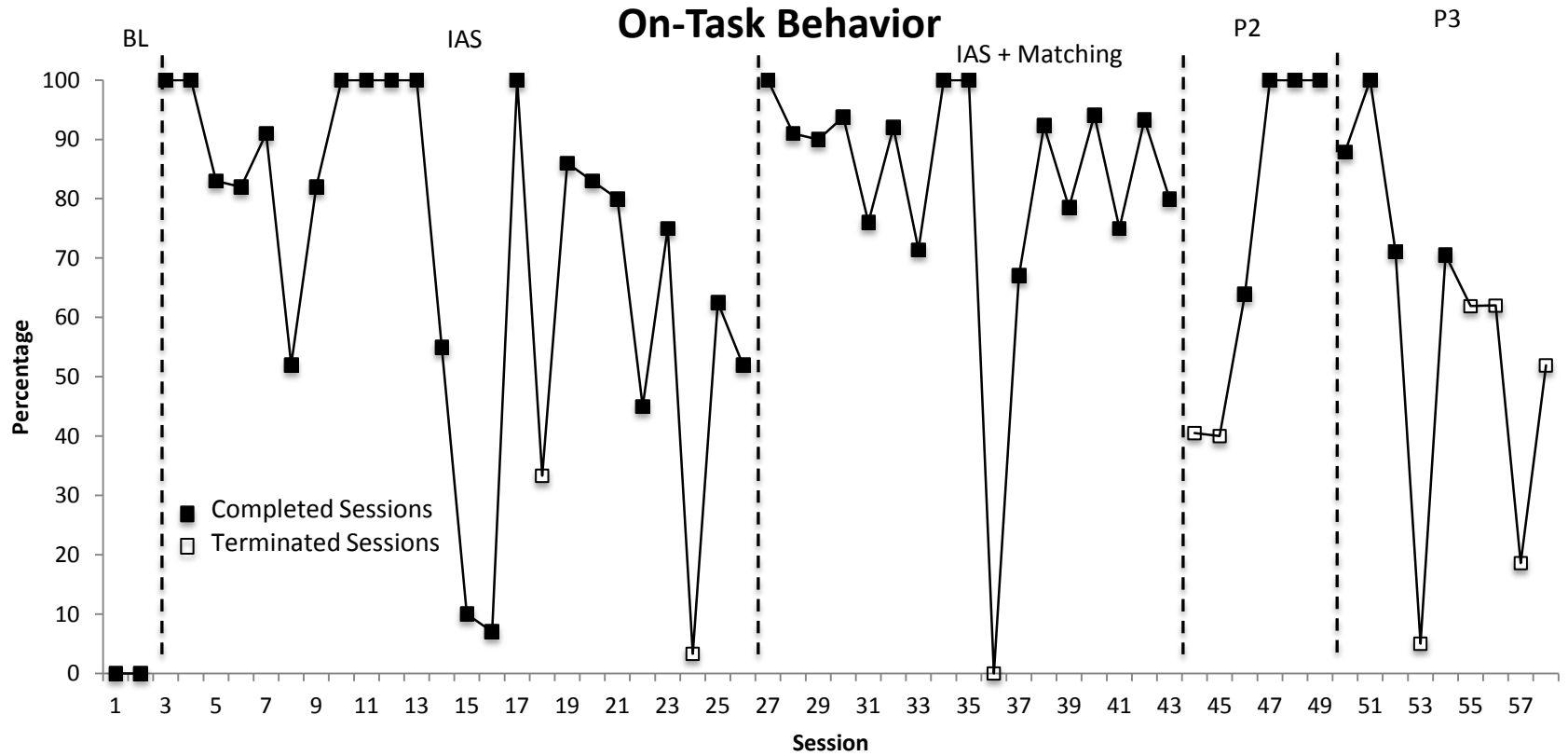


Phase Two

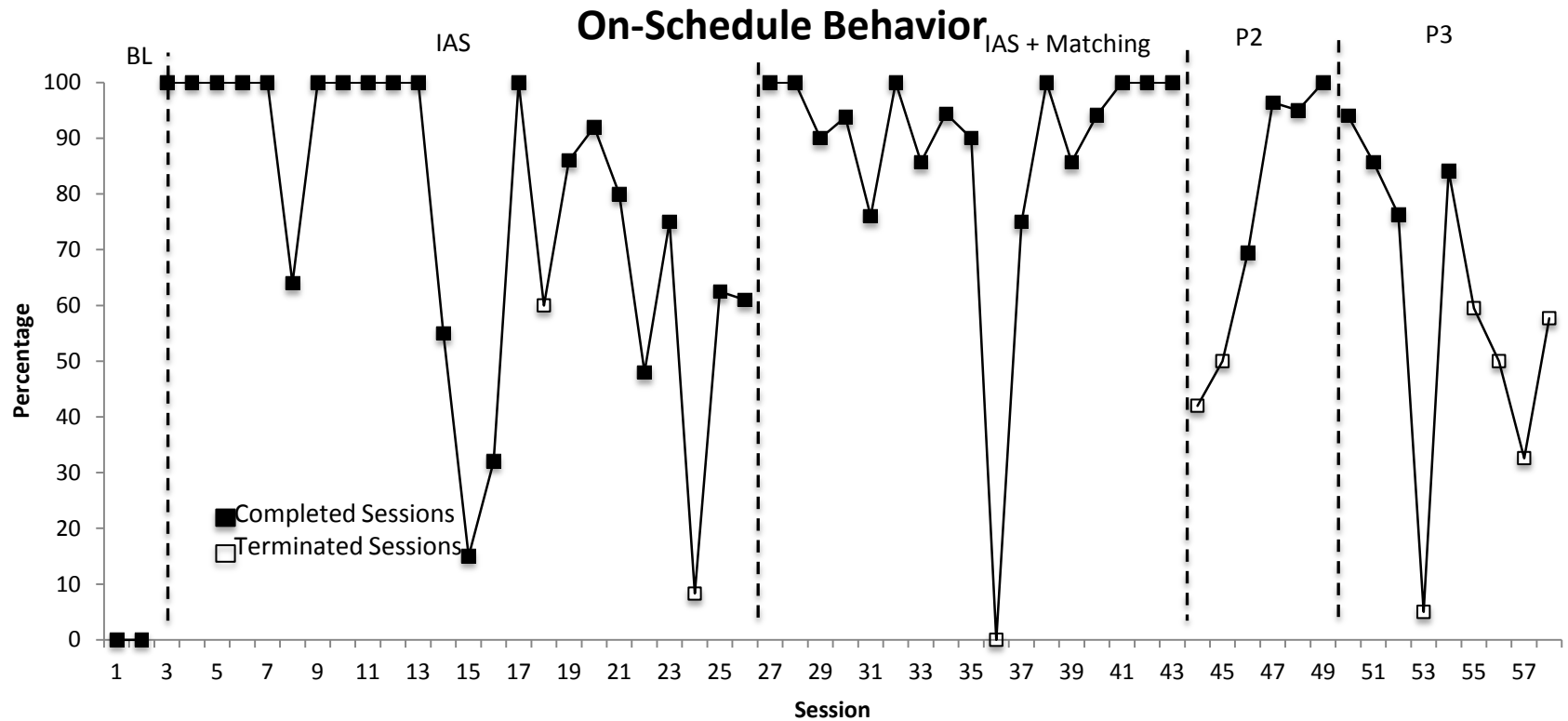
- Preference Assessment Completed
 - Premack's Principle
- Tasks were rotated



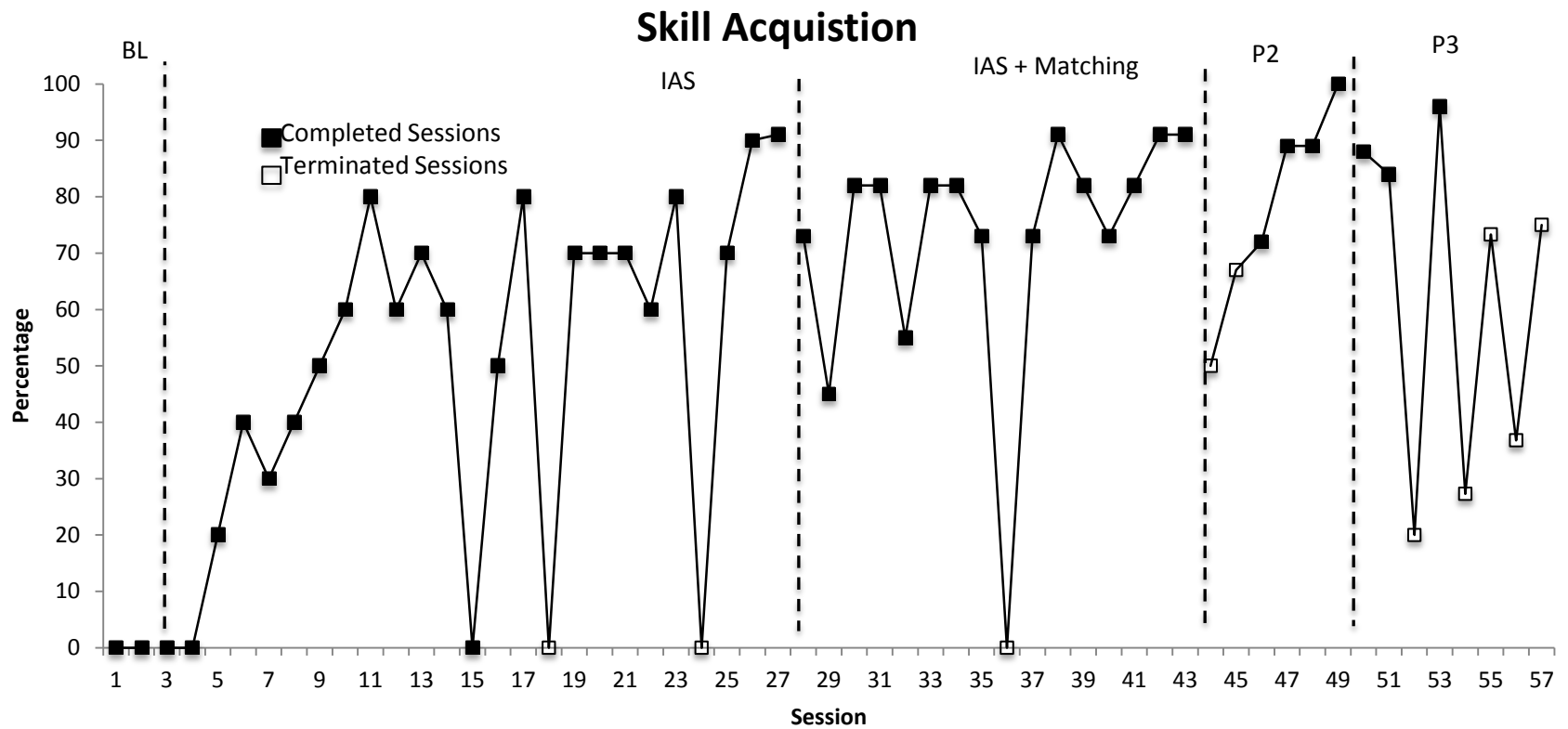
Results



Results



Results



Results

- Independent activity schedules and gradual guidance increases on-task and on-schedule behavior

Discussion

- Increase in independence
- Spent more completing tasks
- Noncompliance decreased during sessions



Discussion



- Variability in data
 - Extended absence
 - Difficulty of schedule
 - Time spent outside of booth

My Role

- Collected on-task and on-schedule behavior data
- Graphed data for all three Variables
 - On-Task
 - On-Schedule
 - Skill Acquisition



What I Learned

- The Importance of Behavioral Interventions
- The Importance of Valid Data Collection
- Time Management
- Planning With Others



Questions? Comments?



My PowerPoint is Dr. Malott approved

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No unreadable fonts/colors	<input checked="" type="checkbox"/>
Bullets come down separately	<input checked="" type="checkbox"/>
Less than 4 bullets on a slide	<input checked="" type="checkbox"/>
Only 6-8 words per line	<input checked="" type="checkbox"/>
Graphs are labeled & explained with 20 pt. font	<input checked="" type="checkbox"/>
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