



HOME VISITS: HOW DO PROCESS AND QUALITY INTERACT?

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BACKGROUND

- Appropriate measurement of home visiting is essential to quality improvement efforts
- Overall purpose is to identify information that will be helpful for enhancing home visiting practice
- We are examining the home visiting intervention processes and strategies identified with the Home Visit Observation Form (HVOF: McBride & Peterson, 1996) as they are related to levels of quality in the Home Visiting Rating Scale (HOVRS A+ v. 2.0: Roggman et al., 2014) domains
- This information will be used to target professional development efforts in order to maximize effectiveness

MEASURES

- Home Visiting Rating Scale (HOVRS A+ v2.0: Roggman, et al., 2014)
- Measures 7 domains of quality
 - HV Responsiveness to Family
 - HV-Family Relationship
 - HV Facilitation of P-C Interaction
 - HV Non-Intrusiveness and Collaboration
 - P-C Interaction during Home Visit
 - Parent Engagement during Home Visit
 - Child Engagement during Home Visit
- Rating of overall HV interactions
- Quality ratings related to + parenting and child outcomes
- Home Visit Observation Form-Revised (HVOF-R, McBride & Peterson, 1996)
- Measures 5 categories of interactions
 - Who is Present
 - Primary Interactors
 - Content of Interaction
 - Nature of HV Activity
 - Parent Engagement during Home Visit
- Interval observation
 - Each category measured every 30 seconds
 - Interrelationships of activities revealed
- Triadic interactions related to + parent engagement

STUDY QUESTIONS

How do the processes of

- 1) interaction partners,
- 2) content of interactions, and
- 3) nature of home visitor activity

Relate to the ratings of quality for

- 1) overall HV quality,
- 2) HV facilitation of parent-child interaction,
- 3) observed parent-child interaction quality, and
- 4) child engagement

How can information from both measures be used to inform professional development efforts?

HOME VISITS

- **60** home visits, with **30** home visitors, were observed
- One home visit per family
- Home visits lasted from 15-90 minutes, average length of 49 minutes
- Home visiting program models included
 - Early Head Start
 - Healthy Families America
 - Nurse Family Partnership
- Target children were all under one-year of age

DATA COLLECTION PROCEDURES

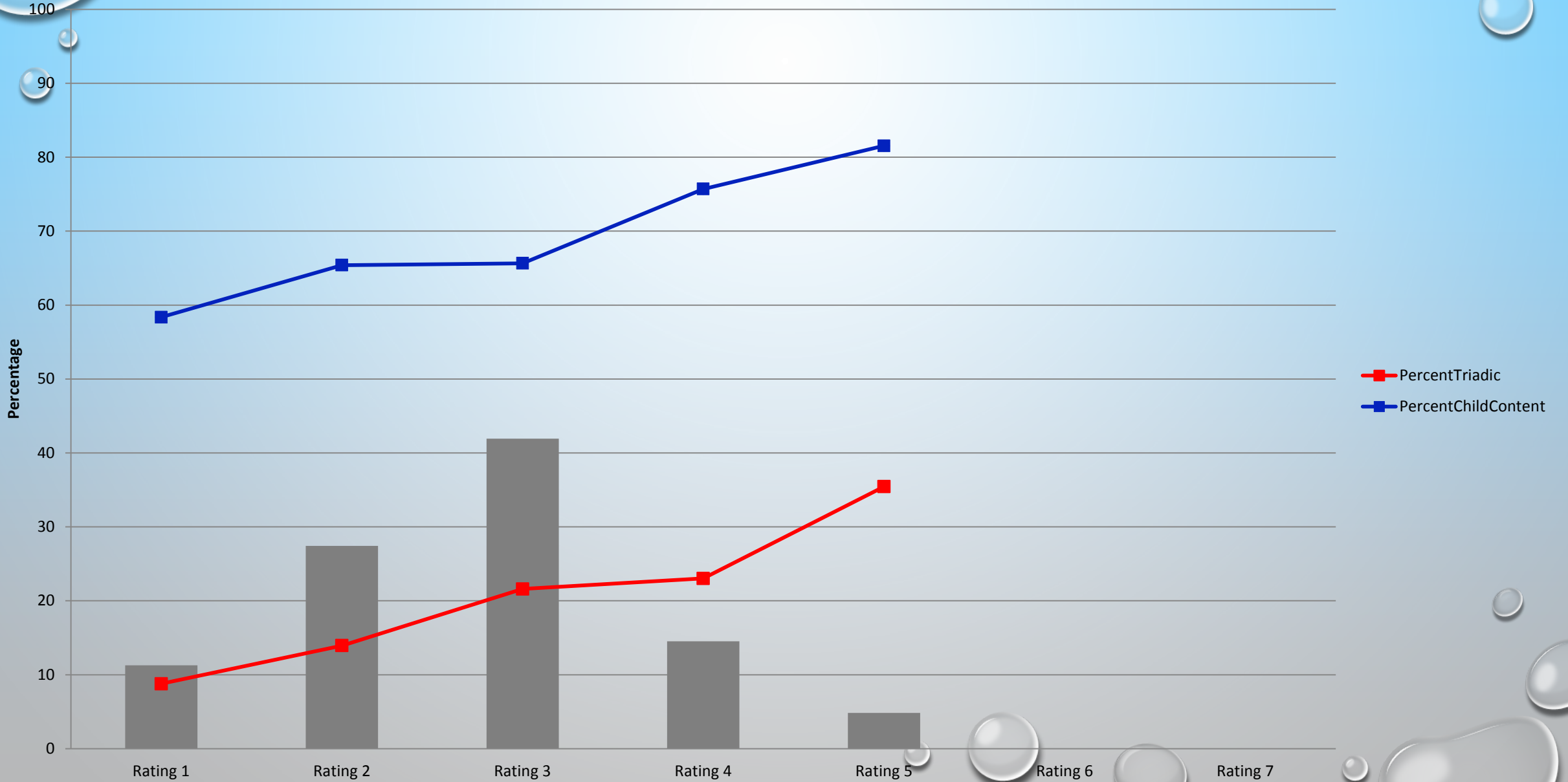
- Home visits were videotaped by agency supervisors or other staff members
- The videos were coded by trained observers on the research team
 - Observers were trained to within one agreement on the HOVRS and over 85% exact match agreement on the HVOF
 - Every 4th video was double-coded to ensure continual reliability
- The HOVRS A+ uses a 1-7 scale within each of the 7 domains and overall
 - Each domain is then given an overall score based on the pattern of scores for the domain indicators
 - A score of 1 indicates inadequate quality in the domain, a score of 3 is adequate, a score of 5 is good and a score of 7 is excellent
- The HVOF is an interval coding system where every 30 second process items are coded
 - Interaction partners
 - Interaction content
 - Child-focused content
 - Family-focused content
 - Administrative/other
 - Nature of the home visitor's activities
 - Child-focused interactions (direct teaching, modeling, coaching, observing)
 - Adult-focused interactions (providing info., asking for info., listening, affirmation, self-disclosure, general conversation)
 - Other (administrative paperwork)
- Examined the relations among the specific interventions and quality ratings

RESULTS

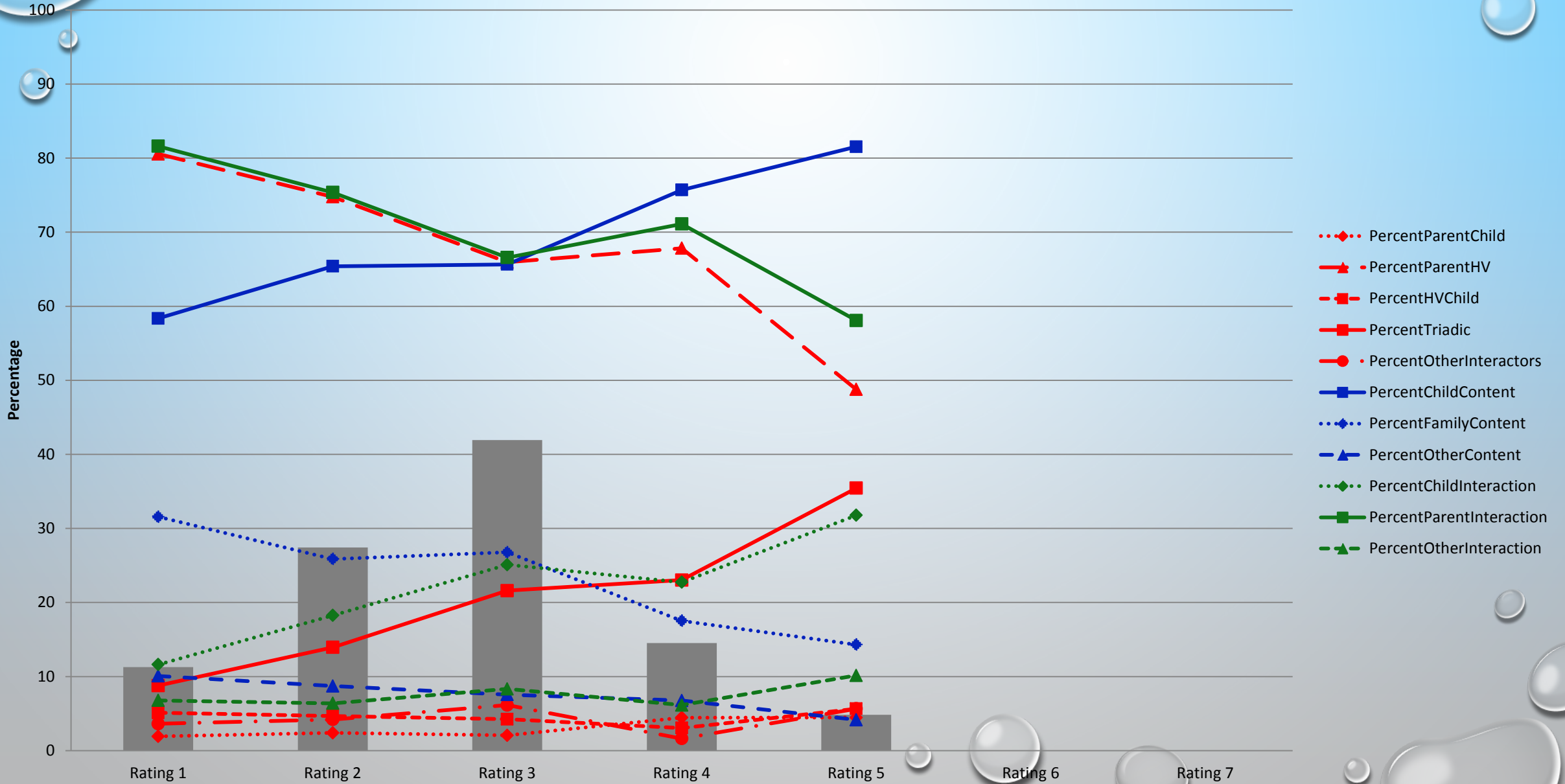
Overall HV Quality Rating



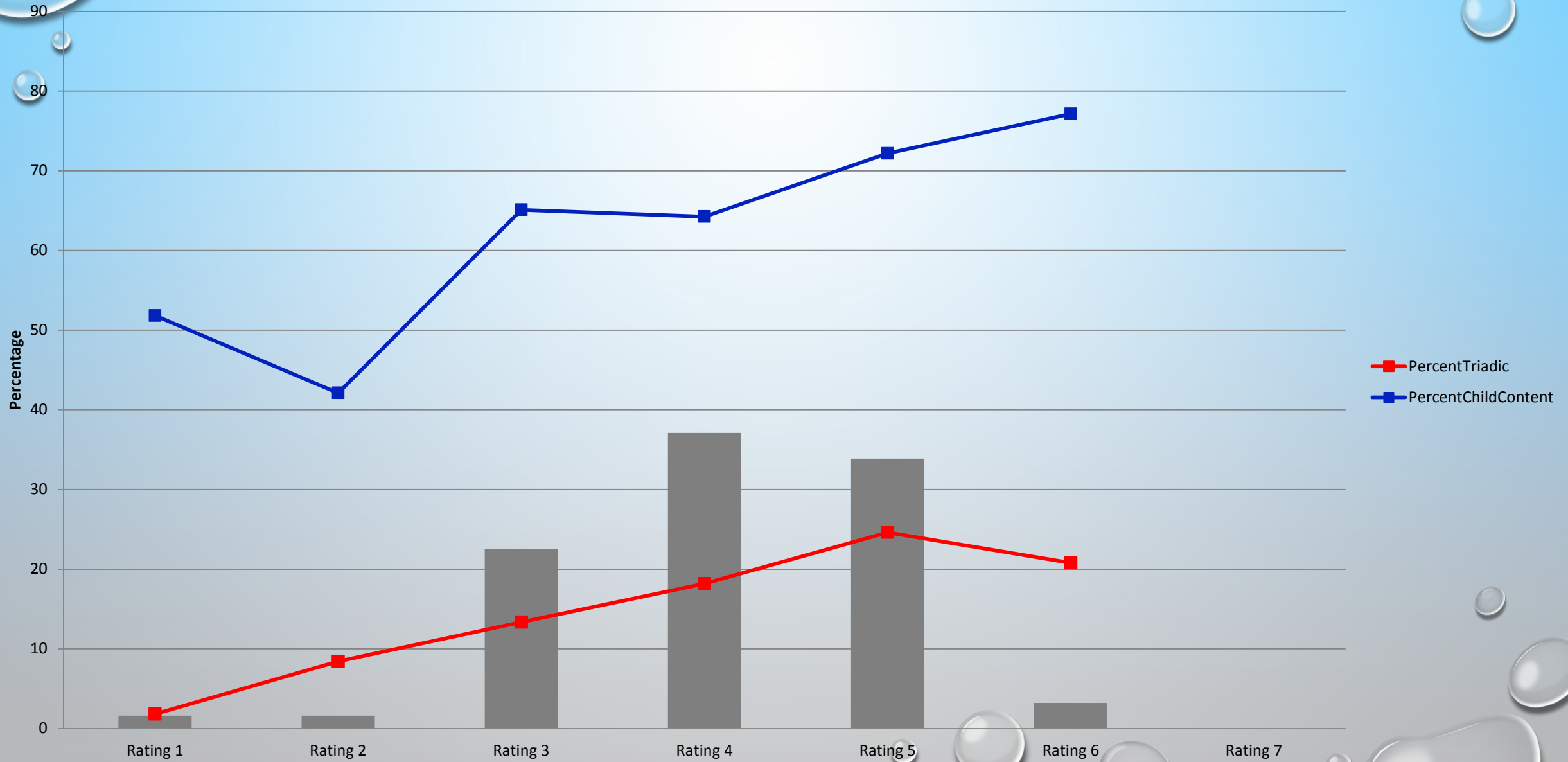
Home Visitor Facilitation of Parent-Child Interactions



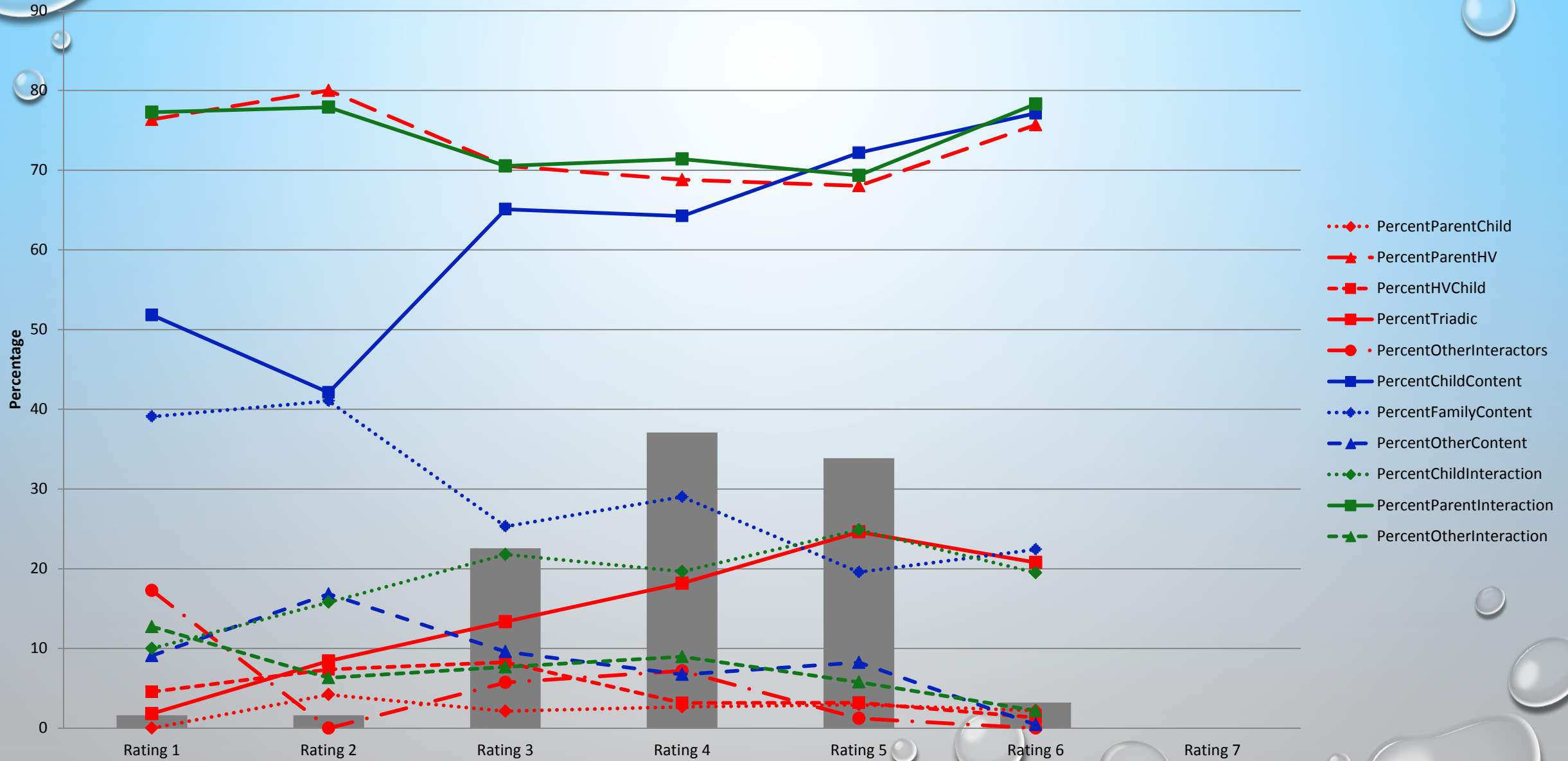
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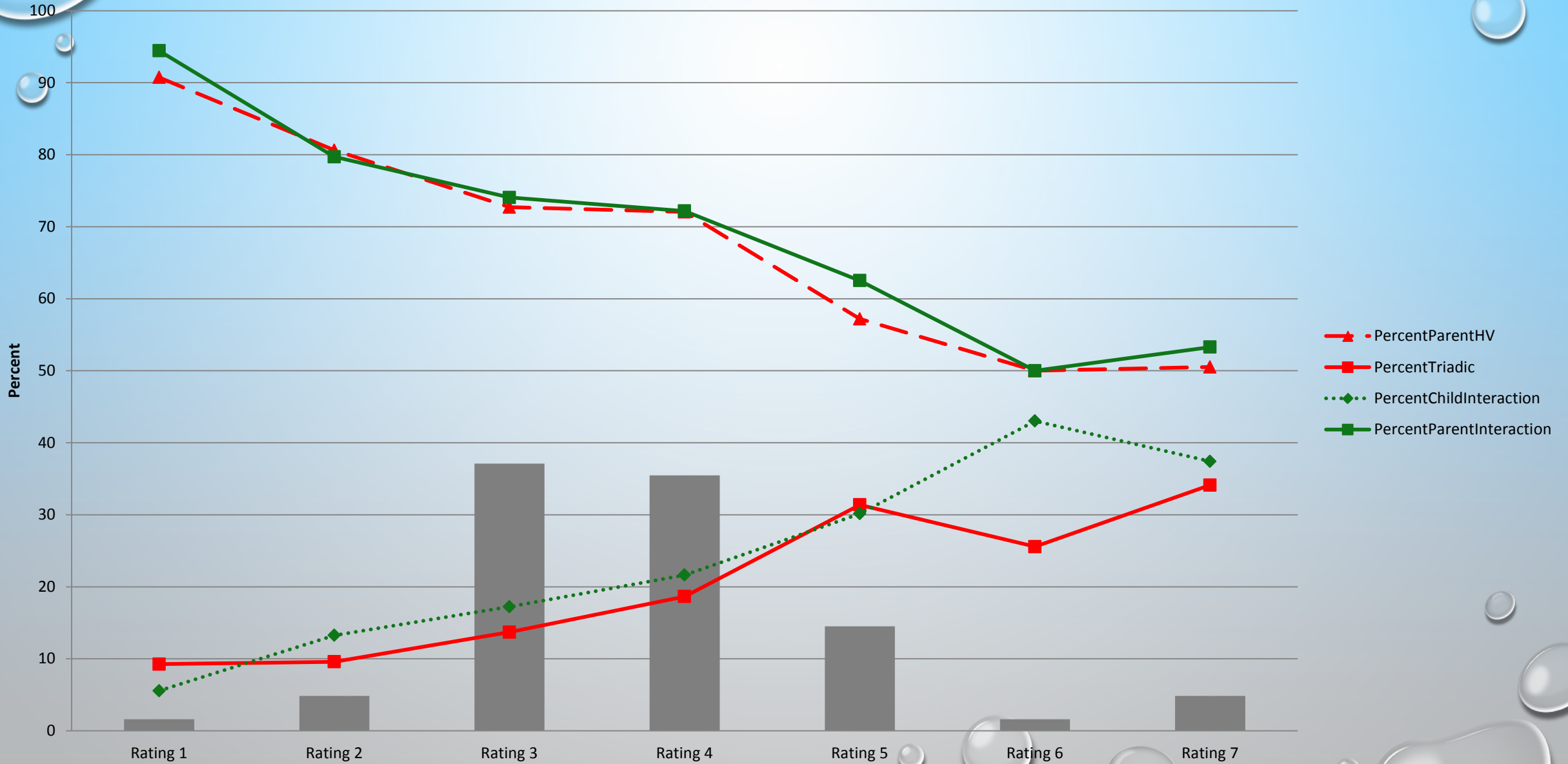
Parent-Child Interaction Quality



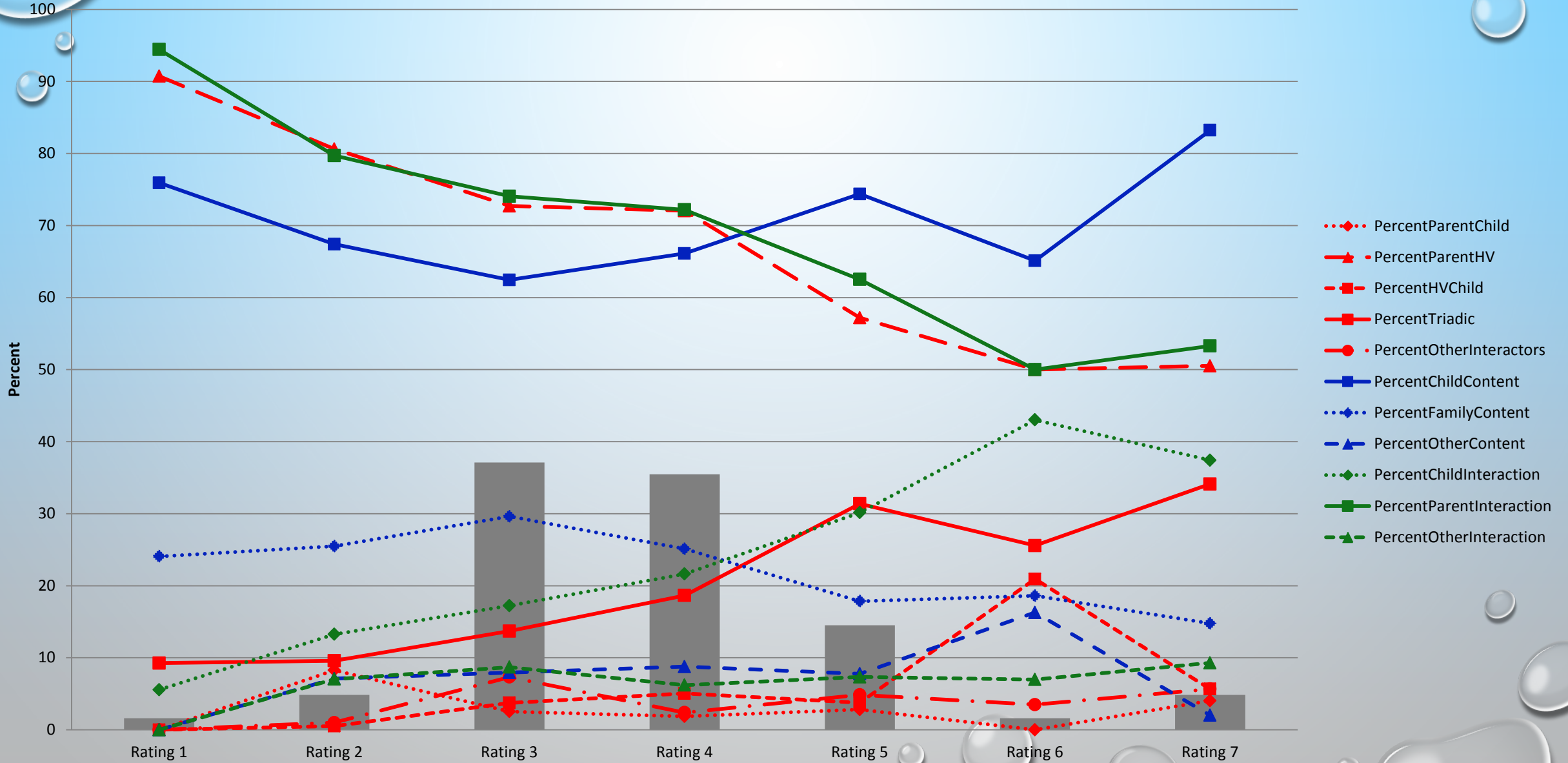
Parent-Child Interaction Quality



Child Engagement



Child Engagement



IMPLICATIONS

- Assumption guiding home visiting
 - Optimal child outcomes result from healthy and developmentally appropriate parenting
- Home visiting behavior should be directed at enhancing parent-child interactions
 - Engaging in triadic interactions
 - Focusing on child related content and activities, and
 - Coaching parents
- The ideal home visitor
 - Selection
 - Training
 - Ongoing support

ACKNOWLEDGEMENTS

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JANET HORRAS, STATE HOME VISITATION DIRECTOR
- HOME VISITATION AGENCY PARTNERS AROUND THE STATE OF IOWA
 - 10 COMMUNITIES IN 16 COUNTIES (75 HOME VISITORS AND 30 SUPERVISORS)
 - 361 FAMILIES TO DATE
- GRADUATE RESEARCH TEAM AT ISU
MELISSA CLUCAS, NEIL ROWE, LIURAN FAN, MARISOL AGUERO, KRISTA GOODMAN,
JUAN BAO, WEN WANG, JACKIE HAND, AMANDA WELDING, MATTIE BRUNING, CARLA
MARTINEZ-QUEZADA

The background is a light blue gradient. In the top-left and bottom-right corners, there are several realistic-looking water droplets of various sizes, some overlapping. The droplets have highlights and shadows, giving them a three-dimensional appearance.

THANK YOU

- Questions and comments