

SERVING, EMPOWERING AND
SUPPORTING MISSOURIANS
TO LIVE THEIR BEST LIVES.

MISSOURI DIVISION OF
DEVELOPMENTAL
DISABILITIES



Interobserver Agreement Shared Observations

Missouri Tiered Supports
Department of Mental Health | Division of Developmental
Disabilities

Objectives

- 👤 Review shared observations
 - 👤 Discuss who, what, when, where, why
- 👤 Practice Shared observations
- 👤 Calculate giving scores

What are Shared Observations

- 👤 Observations of any kind, with two people observing the same interactions

Observation Types

- 👤 Positive/negative
 - 👤 Environmental observations to assess the social health of the location observed in
- 👤 Competency Checks
 - 👤 Specific skill observations meant to assess the accuracy of completing an outlined skill taught to the person practicing it
- 👤 Fidelity Checks
 - 👤 observations on a facilitator or trainer, assessing their ability to accurately relay the information in a specified curriculum

Why?

- 👤 It improves consistency in data collection methods
- 👤 If observers agree on what is seen, the collected data will be more accurate and reliable
- 👤 Comparing what was observed creates points of discussion and coaching opportunities between observers

How

- 👤 Two or more observers will conduct an observation of a shared environment
- 👤 Observers will each document their observations on identical forms, specific to the type of observation.
- 👤 After the observation, observers will compare findings to see where they agreed and where they disagreed

Barriers

- 👤 What barriers are there for doing observations?
- 👤 What barriers are there for doing Shared observations?



Positive Negative

Scoring

Positives agreed upon: 5

Negatives agreed upon: 4

Agreed upon total: 5 + 4 = 9

Highest # of interactions: 10

9 / 10 * 100 = 90 %

POS	NEG	TTL
5	4	9
5	5	10

CALCULATION FORMULA

$$\frac{\text{Agreed Upon Interactions}}{\text{Highest Number of Interactions}} = \text{IOA SCORE}$$

80%+

Competency

CALCULATION FORMULA:

$$\frac{\text{Observations agreed on}}{\text{\# of skills looked for}} * 100 = \text{IOA score}$$

Skill to observe	Observer 1	Observer 2	Did they agree?
Greet customer	Skill was seen	Skill was seen	YES
Ask what flavor of ice cream they would like	Skill was seen	Skill was NOT seen	no
Ring up customer at cash register	Skill was NOT seen	Skill was NOT seen	yes
Smile at customer	Skill was NOT seen	Skill was seen	no
Serve customer their ice cream	Skill was seen	Skill was seen	yes

Fidelity Check

CALCULATION FORMULA:

$$\frac{\text{Observations agreed on}}{\text{\# of skills looked for}} * 100 = \text{IOA score}$$

Step to Observe	Observer 1	Observer 2	Observer 3	Did they agree?
Welcome students to class	Step completed correctly	Step completed correctly	Step completed correctly	
Review homework from previous session	Step NOT completed or completed incorrectly	Step completed correctly	Step completed correctly	
Discuss expectations for group activity	Step completed correctly	Step completed correctly	Step completed correctly	
Assign all students to groups for activity	Step completed correctly	Step completed correctly	Step completed correctly	
Review results of group activities with class	Step NOT completed or completed incorrectly	Step NOT completed or completed incorrectly	Step completed correctly	
Explain homework expectations for next class	Step NOT completed or completed incorrectly	Step NOT completed or completed incorrectly	Step NOT completed or completed incorrectly	





Practice Feedback



Resources

Webinars

-  Data Collection: Positive: Negative Observations
-  Coaching: Supervising Using Best Practices

Family Coaching:





2024 Tiered Supports Summit

August 5 & 6, 2024

Keynote speakers

Dr. Anthony Biglan, author of *The Nurture Effect*

Dr. Nicole Kanaman, GoodLife Innovations

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