Observation Reliability Coefficents

~~E~~vent Sampling: Every occurrence of the target behavior(s) is recorded during the specified intervals.

Observer #1

	0-10	10-20	20-30	30-40	40-50	50-60	Total
Smiling		x		x	x		3
Talking	xx	x		x	x		5
Total	2	2		2	2		8

Observer #2

	0-10	10-20	20-30	30-40	40-50	50-60	Total
Smiling		x		x	x	x	4
Talking		x	x	x	x		4
Total		2	1	2	2	1	8

Observation Reliability Coefficents

Observation Reliability Coeff. = # of Agreeing Cell Pairs (includes marked and unmarked cells) / Total # of Cell Pairs (total number of cells regardless of rater marks)

1. Smiling 5/6 = **0.83**
2. Talking 4/6 = **0.67**
3. Total 3/6 = **0.50**

Time Sampling: The target behaviors occurring at each time point are recorded. Target behaviors that occur before or after each point are ignored.

Observer #1

	30	60	90	120	150	180	Total
Smiling		x		x			2
Talking	x		x		x	x	4
Total	1	1	1	1	1	1	6

Observer #2

	30	60	90	120	150	180	Total
Smiling		x		x		x	3
Talking	x	x		x	x		4
Total	1	2	1	2	1	1	7

Observation Reliability Coefficents

Observation Reliability Coeff. = # of Agreeing Cell Pairs (includes marked and unmarked cells) / Total # of Cell Pairs (total number of cells regardless of rater marks)

4. Smiling 5/6 = **0.83**
5. Talking 2/6 = **0.33**
6. Total 4/6 = **0.67**

Occurrence Reliability Coefficients

~~E~~vent Sampling: Every occurrence of the target behavior(s) is recorded during the specified intervals.

Observer #1

	0-10	10-20	20-30	30-40	40-50	50-60	Total
Smiling		x		x	x		3
Talking	xx	x		x	x		5
Total	2	2		2	2		8

Observer #2

	0-10	10-20	20-30	30-40	40-50	50-60	Total
Smiling		x		x	x	x	4
Talking		x	x	x	x		4
Total		2	1	2	2	1	8

Occurrence Reliability Coefficients

Occurence Reliability Coeff. = # Cell Pairs Agreeing on # of Occurrences / # Cell Pairs Agreeing + # Cell Pairs Disagreeing **(Ignore when both blank)**

7. Smiling $\frac{3}{(3+1)} = \frac{3}{4} =$ **0.75**

8. Talking $\frac{3}{(3+2)} = \frac{3}{5} =$ **0.60**

9. Total $\frac{3}{(3+3)} = \frac{3}{6} =$ **0.50**

Time Sampling: The target behaviors occurring at each time point are recorded. Target behaviors that occur before or after each point are ignored.

Observer #1

	30	60	90	120	150	180	Total
Smiling		x		x			2
Talking	x		x		x	x	4
Total	1	1	1	1	1	1	6

Observer #2

	30	60	90	120	150	180	Total
Smiling		x		x		x	3
Talking	x	x		x	x		4
Total	1	2	1	2	1	1	7

Occurrence Reliability Coefficients

Occurence Reliability Coeff. = # Cell Pairs Agreeing on # of Occurrences / # Cell Pairs Agreeing + # Cell Pairs Disagreeing **(Ignore when both blank)**

10. Smiling $\frac{2}{(2+1)} = \frac{2}{3} =$ **0.67**

11. Talking $\frac{2}{(2+3)} = \frac{2}{5} =$ **0.40**

12. Total $\frac{4}{(4+2)} = \frac{4}{6} =$ **0.67**

Outcome Reliability Coefficents

~~E~~vent Sampling: Every occurrence of the target behavior(s) is recorded during the specified intervals.

Observer #1

	0-10	10-20	20-30	30-40	40-50	50-60	Total
Smiling		x		x	x		3
Talking	xx	x		x	x		5
Total	2	2		2	2		8

Observer #2

	0-10	10-20	20-30	30-40	40-50	50-60	Total
Smiling		x		x	x	x	4
Talking		x	x	x	x		4
Total		2	1	2	2	1	8

Outcome Reliability Coefficents

Outcome Reliability Coeff. = Smaller Frequency (Of Totals) / Larger Frequency (Of Totals)

13. Smiling 3/4 = **0.75**

14. Talking 4/5 = **0.80**

Time Sampling: The target behaviors occurring at each time point are recorded. Target behaviors that occur before or after each point are ignored.

Observer #1

	30	60	90	120	150	180	Total
Smiling		x		x			2
Talking	x		x		x	x	4
Total	1	1	1	1	1	1	6

Observer #2

	30	60	90	120	150	180	Total
Smiling		x		x		x	3
Talking	x	x		x	x		4
Total	1	2	1	2	1	1	7

Outcome Reliability Coefficents

Outcome Reliability Coeff. = Smaller Frequency (Of Totals) / Larger Frequency (Of Totals)

15. Smiling 2/3 = **0.67**

16. Talking 4/4 = **1.00**

Grand Total Reliability Coefficents

~~E~~vent Sampling: Every occurrence of the target behavior(s) is recorded during the specified intervals.

Observer #1

	0-10	10-20	20-30	30-40	40-50	50-60	Total
Smiling		x		x	x		3
Talking	xx	x		x	x		5
Total	2	2		2	2		8

Observer #2

	0-10	10-20	20-30	30-40	40-50	50-60	Total
Smiling		x		x	x	x	4
Talking		x	x	x	x		4
Total		2	1	2	2	1	8

Grand Total Reliability Coefficents

Grand Total Reliability Coeff. = Smaller Grand Total / Larger Grand Total

17. Grand Total $\frac{8}{8} =$ **1.00**

Time Sampling: The target behaviors occurring at each time point are recorded. Target behaviors that occur before or after each point are ignored.

Observer #1

	30	60	90	120	150	180	Total
Smiling		x		x			2
Talking	x		x		x	x	4
Total	1	1	1	1	1	1	6

Observer #2

	30	60	90	120	150	180	Total
Smiling		x		x		x	3
Talking	x	x		x	x		4
Total	1	2	1	2	1	1	7

Grand Total Reliability Coefficents

Grand Total Reliability Coeff. = Smaller Grand Total / Larger Grand Total

18. Grand Total $\frac{6}{7} =$ **0.86**