**A brief response to discussion notes requested by Eli**

**Phyllis J. Cipriani**

16:45 In retrospect, I agree that Ankur is presenting his ideas rather than building upon Jeff’s. I assumed that because Ankur was not at the board or writing it down that he was building on Jeff’s idea and as a result coded it as communication improvement. I agree now that it should be coded as informal presentation.

We both agreed on the codings for Mike as communication improvement because he is building on Ankur’s ideas and Jeff was coded as informal presentation with researcher guidance.

I thought that Romina should have been coded as communication improvement because she asked Jeff to explain but she did not clarify another member of the group. So I agree that it should have been coded as administrative discussion.

18:00 I coded Ankur as collaboration initially but I agree that it should have been checking answer because he was agreeing with the answer even though it did seem generic.

Mike’s coding was difficult for me and I initially coded it as communication improvement but looking at the definition of verifying completion which is acknowledging what has been completed; I agree that verifying completion should have been coded for Mike in this segment.

We disagreed on Romina’s behavior and I initially put collaboration but I now agree that it should have been verifying completion because the were verbally checking as a group on what they did not complete yet.

Jeff was easy to code as informal presentation because he was finalizing his explanation and we agreed on this coding.

18:30 We completely agreed on the codings for this segment.

Mike’s behavior was coded by both of us as communication improvement because he was building on Jeff’s ideas as Jeff’s behavior was coded as informal presentation because he was sharing and discussing his work on the board.

We also agreed that Romina’s behavior should be coded as checking answer because she was observed checking Jeff’s work by correcting his work with the “factorial” comment.

19:30 We also completely agreed on the codings for this segment.

Ankur and Romina were clearly disengaged, Jeff’s behavior was coded as informal presentation because he is sharing his ideas at the board, and Mike is building on Jeff’s ideas and his behavior is coded as communication improvement.

20:00 We disagreed on the coding of Jeff’s behavior. I coded it as communication improvement because I thought he was building off Mike’s ideas but now I agree with your coding of checking answer because he is briefly providing some information on a formula.

We agreed on the codings for Mike as communication improvement because he is building on Jeff’s ideas and Romina as collaboration because she was heard having a discussion but the discussion was not audible.

20:20 I agree with you that Mike’s behavior could be coded as either collaboration because he credits someone for an idea or it could be coded as communication improvement because he was attempting to improve the ideas.

I coded Romina’s behavior as clarifying the problem because she was asking a question about the repeats and I assumed that because she asked a question that it fit under clarifying the problem. I agree with you now that it should have been collaboration because she was asking about a previous solution and citing sources would be collaboration.

We agreed on Jeff’s behavior as being coded as informal presentation because he was sharing his ideas at the board.

20:55 I thought that Ankur was verifying completion because the researcher used the word “convinced” and I thought that was the key word for verifying completion. I agree that I should have coded it disengagement because he was clearly not engaging in the discussion.

We agreed that Romina was checking answer, Mike was communication improvement, and Jeff was informal presentation for previously cited reasons.

21:20 I disagreed with you on Ankur’s behavior where he says “I get it, I get it.” You said he was generically agreeing with Jeff so you coded it as checking answer. I thought Ankur was showing excitement that he understood. I can see that simple agreement should be coded as checking answer.

We agreed on Mike, Jeff and Romina’s codings for the same reasons already listed.