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| Result | Discussion |
| [**Interleaving**: Demonstrate the fact]  Students spontaneously employed an interleaving workflow (shown by the log) and an earlier switch from modeling to analysis improved team performance (from regression analysis) | Interleaving workflow is preferred, and technique should be designed to scaffold such interleaving |
| [Characterize team behavior in data modeling and analysis respectively, which accounts for how interleaving happens]  Data modeling: filtering vs. accretion  Data analysis: fact vs. inference | Modeling helps analysis, and need for modeling and representing collapsible data for multilevel analysis. A collapsible view would construct an appropriate context for insight in different levels.  [Need a more robust argument]  Uncertainty in analysis is opportunity to re-frame and re-model data |
| We observed interleaving individually; that is, everyone in a team would switch between modeling and analysis. But does it happen on a team basis? That is, does one’s modeling affect partner’s analysis, and one’s analysis affect partner’s modeling? Such interleaving requires high team awareness: one must be sufficiently aware of partner’s work and understand how that connects to himself’s analysis. We thus look into how teams collaborate. |  |
| [**Collaboration**: Demonstrate the fact]  Feedback on awareness support | The design of awareness is success (tool coordinator, feedback on plan execution) |
| [Characterize team behavior in labor division]  Document-based vs.  Entity-based vs.  Closely coupled -> interleaving on team level  [Still need data support, but Figure 8 could be one, in which all teammates worked on the same document simultaneously. When one created an annotation on the document, the partner is likely to analyze it in visualizations] | Compared to the two labor division strategies which tend to put teammates in individual work efforts, closely coupled strategy has potential to enable a team-level interleaving workflow.  To enable team-level interleaving, we argue that team should be aware of beyond action, but those factors in individual interleaving, including uncertainty, context of insight. |