Appendix 6

Draft of Contextual Interview Questions (Questionnaire/Interview)

Note: These questions will be administered as a semi-structured interview This survey is relative to your identification of errors in data analysis.

Background

What is your occupation?

- Academica (Professor, researcher)
- Student
- Industry
- Other: _____

What is your domain?

- Computer Science
- Life Science
- Healthcare
- Mathematics
- Other: _____

Questions about Experience

How would you rank your proficiency for data exploration?
Newcomer (1) (2) (3) (4) (5) (6) (7) Expert

How long have you been using computational notebooks?

- Less than one year
- Between one and three years
- More than three years

Which type of computational notebook do you normally use for your data exploration tasks, and how would you rate your experience with each or these TOOL/PROCESS?
_____ Very unsatisfied (1) (2) (3) (4) (5) (6) (7) Very satisfied
_____ Very unsatisfied (1) (2) (3) (4) (5) (6) (7) Very satisfied
_____ Very unsatisfied (1) (2) (3) (4) (5) (6) (7) Very satisfied
_____ Very unsatisfied (1) (2) (3) (4) (5) (6) (7) Very satisfied

Questions about Computational Notebooks

Are computational notebooks simple to use?
Strongly Disagree (1) (2) (3) (4) (5) (6) (7) Strongly Agree

Optional Questions

Additional questions about the tool usage may be asked by the investigator in the in-laboratory setting.

Is there anything you think is missing from computational notebooks?

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Is there anything else you would like to add?

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