Questionnaire

Please rate the following statements based on your experience with the semantic implementation of PreFreeSurfer in WINGS.

		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	I think that I would like to use this workflow frequently.	☐	☐	☒	☐	☐
2	I found the workflow unnecessarily complex.	☐	☐	☐	☒	☐
3	I thought the workflow was easy to use.	☐	☐	☐	☒	☐
4	I think that I would need the support of a technical person to be able to use this workflow.	☐	☒	☐	☐	☐
5	I found the various functions in this workflow were well integrated.	☐	☐	☐	☒	☐
6	I thought there was too much inconsistency in this workflow.	☐	☒	☐	☐	☐
7	I would imagine that most people would learn to use this workflow very quickly.	☐	☐	☐	☒	☐
8	I found the workflow very cumbersome to use.	☐	☒	☐	☐	☐
9	I felt very confident using the workflow.	☐	☒	☐	☐	☐
10	I needed to learn a lot of things before I could get going with this workflow.	☐	☐	☐	☒	☐

Please answer the following questions. Feel free to include as much detailed as possible.

11) Did you encounter any issues using the workflow?

With scenario 2, I had great difficulty using the non-semantic workflow. There appeared to be a bug that prevented the program from recognizing multiple pairs of unprocessed structural images. Scenario 2 worked just fine in the semantic version. Scenario 4 was unworkable for me in both types of workflows.

12) How did this semantic workflow compare to other workflows you have used in the past?

The semantic workflow is much simpler to operate. I appreciate the layout below that makes it easy to probe parts of the pipeline, and even query it for specific values. I can see how the manage data options can enable one to double-check problems.

13) What impressions do you have concerning the use of semantics in the workflow?

The workflow makes a lot of suggestions regarding the use of data. I would be a bit concerned if students were using this on "autopilot" as using more detailed workflows may help them learn the processing steps better. On the other hand, such an option may be critical for high-data throughput.

14) What features did you find most useful?

The manage data gave a nice snapshot into important aspects of the images. For the non-semantic workflow, I had to use the "suggested data" option quite a bit to overcome errors.

15) What aspect of the workflow did you find most cumbersome?

There was a bug with the non-semantic workflow, where the wrong template files had to be selected. I'm not sure if the labels were inaccurate, or if there was a deeper problem. Although the manage data was highly useful, it would have been better to have it as a pop-up, so that the workflow page could still be

visible. Moving on and off the workflow page appear to create some odd errors; going to the homepage and reloading seemed to fix the issues.

16) Do you have any recommendations that would make the semantic workflow better?

The requested inputs are not well organized. Different templates have different orders of items, which makes it difficult to search and fill forms. The layout could be a bit more emphasize to help people play with the model a bit more.

17) Do you have any additional comments or concerns?

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