

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.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	I found the workflow unnecessarily complex.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	I thought the workflow was easy to use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	I think that I would need the support of a technical person to be able to use this workflow.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	I found the various functions in this workflow were well integrated.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	I thought there was too much inconsistency in this workflow.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	I would imagine that most people would learn to use this workflow very quickly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	I found the workflow very cumbersome to use.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	I felt very confident using the workflow.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	I needed to learn a lot of things before I could get going with this workflow.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

11) Did you encounter any issues using the workflow?

A little difficult to understand the non-semantic workflow: I felt I had less background information than in a realistic scenario: I would likely know the basic images collected.

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

As a pipeline developer, this test didn't give me a lot of information about how useful it would be for constructing a new pipeline to suit my particular needs. I would have to try that out as well.

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

Can't quite say I understand the full scope of what the semantics do for me in truly uncharted waters. Playing with the internals of the processing steps, for example. It may make it a little more organized in some cases, but I'm more comfortable looking at code directly.

14) What features did you find most useful?

Autodetection of sample spacing, unwarp direction. It can be nice to not worry about parameters that can bite you down the road.

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

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

It was a bit hard to understand what options I was looking at for running pipelines. More information with less acronyms would be helpful - especially if the users are meant to be non-technically inclined people.

17) Do you have any additional comments or concerns?

We would typically want to process all subject in a study in the same manner so not to introduce bias. On some level we *don't* want end-users to be able to choose a pipeline to run data through. If a subject had some scanning issue and hence has different input images than everyone else, forcing it through a pipeline could introduce bias.