

Post-task Survey (iFix)

What is your participant ID?

Q1. What did you like about iFix?

Q2. What did you **not** like about iFix?

Q3. What other tool features or information do you wish to have when using iFix?

Rating Tool Features

Q4. Being able to see the runtime values of different patches side by side in the table view helps me recognize the correct patch.

1  
(Strongly Disagree)

2

3

4  
(Neutral)

5

6

7  
(Strongly Agree)

Q5. Being able to see a short list of representative patches, explore similar patches, and exclude unpromising patches helps me navigate the generated patches and identify the correct one.

1  
(Strongly Disagree)

2

3

4  
(Neutral)

5

6

7  
(Strongly Agree)

Q6. Being able to quickly navigate to the corresponding line of code that produces a runtime value in the table view is helpful.

1  
(Strongly Disagree)

2

3

4  
(Neutral)

5

6

7  
(Strongly Agree)

Q7. Highlighting different runtime values of the same variable in different colors help me quickly distinguish the patches and identify the promising one.

1  
(Strongly Disagree)

2

3

4  
(Neutral)

5

6

7  
(Strongly Agree)

Rating cognitive load

Q8. How mentally demanding was this task?

1  
(Very Low)

2

3

4  
(Neutral)

5

6

7  
(Very High)

Q9. How hurried or rushed were you during the task?

1  
(Very Low)

2

3

4  
(Neutral)

5

6

7  
(Very High)

Q10. How successful would you rate yourself in accomplishing the task?

1  
(Failure)

2

3

4  
(Neutral)

5

6

7  
(Successful)

Q11. How hard did you have to work to accomplish your level of performance?

1  
(Very Low)

2

3

4  
(Neutral)

5

6

7  
(Very High)

Q12. How insecure, discouraged, irritated, stressed, and annoyed were you?

1  
(Very Low)

2

3

4  
(Neutral)

5

6

7  
(Very High)