

# Post-questions for HeartDown Expert Study

1. How different is writing in HeartDown from writing a paper or web page? \*

Using HeartDown is quite similar to using Markdown, the only difference is I may have to spend more time on the Math equation part.

2. In what ways is it more difficult? \*

The iheartla math language has a learning curve, for example, how to define a global function, and how to define optimization, I have to look at the manual and ask for help on those topics.

3. In what ways is it easier? \*

The syntax to write the text is quite simple - the same as Markdown, so much simpler than latex, so very easy to use.

4. Did you run into limitations? \*

The main limitation comes from iheartla Math syntax, I am not very familiar with it, also I noticed it didn't support some actions like control flow.

5. Are there things you wish it did? \*

I wish there is an import file button/script so that I can easily transfer my current existing latex/markdown files to HeartDown. I also wish it can combine some OCR software so that I can transfer my notes in this format.

6. Do you have ideas for how to improve it? \*

As answered above.

7. How did you use the code it generated? \*

The generated code is quite nice, I can run it without errors and have tested it with a real-world example, and it worked nicely. So maybe this compensates that I have to take more time on the math equation part when writing it.

8. What risks and benefits do you see in the reading environment? \*

I love the Glossary box showing all the variables in the context, and I love when clicking the equation, it has all the explanations of the symbols and also connects with the symbol in other equations, this makes the reading more enjoyable, and easier to understand. This definitely helps a lot if we are reading a paper that has many equations sharing some variables.