

Thinking about the project

Homework | Agent-based modelling, Konstanz, 2024

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7 May 2024

It's time to start thinking about your programming project! You don't need to start coding yet, but I want you to think carefully about all the following questions. Even better if you write down your answers (for your own benefit). :)

1. Who am I going to work with? Or do I prefer to work on my own?
2. What phenomenon am I / are we interested in? What would I **like** to model? What sorts of things about language excite me that could potentially be approached using an ABM?
3. Once you have a broad answer to the previous question, try to narrow it down. Think about the following:
 - a. Can I make use of code already written during the course (such as variational learning) to answer my question? Can I possibly **extend** that code, to make it better suited to what I'm interested in modelling?
 - b. If not, then can I still figure out how to implement what I need to implement in Julia code?
 - c. Can I think of **specific** research questions or predictions? (Example: "Does the rate of language change depend on population size?")

If you are working as part of a team, get together for a brainstorming!