

## Day 5 home work

### NetLogo and SLAPP/Python:

- try to summarize in a short list the key points we have explored both quoting papers and books and in NetLogo/Python & SLAPP.

1. On the first day we compared the programming both in NetLogo and in Python. We had a focus on the scheduling part of a model, which are the differences from the model point of view, the observer and “our” point of view. Then we also analyzed the the Network extension “nw” in NetLogo, and we could create recipes for our model of production.
2. On the second day we saw how to give intelligence to the production model of netlogo and also in SLAPP. We took a look on the scheduling in a more deep way.
3. On the third day we started using the SLAPP and we learnt how to make a network working on it, adding edges and links, explaining on how the algorithym was flowing in the meanwhile. After we explored the code of the production model in Netlogo. The article suggested is “How Agents make decisions? A Survey” from Tina Balke and Nigel Gibert (2014)
4. On the 4th day we had some insight on how to create on Netlogo a “parallel” code with the function `__include` and the how we could modify the code troughth the excels file and execute them directly on the shell or online. We had as an example the python examples for using the networkx library.

5. We tried to run the code on the slapp directly from the terminal of the local pc, avoiding the deleting procedure. Then we have changed the schelude.xls , there we had the same amount of addFactory and remove factory also we have addFactory with probability. So we expected to see more factories at the end of the run.