

## 1.4 NetLogo Basics

Heckman Library 406C

Eric Araújo, and Jonathan Hill

**Keywords** agent-based modeling, social sciences, computational methods

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### 1. SESSION A (LAB)

- NetLogo basics—interface, parameters, behaviors.
  - Commands, procedures, and the NetLogo language.
  - Running and modifying simple models.
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### 2. SESSION B (LAB)

Micro-exercise: Adjust one parameter in a simple model, note results.

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### 3. ♀ **ASSIGNMENT:** LAB MEMO #1

**Due:** 9/18 before class | **Points:** 100 points

#### **Prompt (1-2 pages):**

1. Pick one of the toy models shown in our classes over these two weeks (except the Fire model), and perform a single parameter adjustment.
  1. **Setup:** Identify which starter model you used (e.g., Wolf-Sheep, Traffic, Fire).
  2. **Parameters & Code:** Adjust one parameter; note what you changed. If you tried editing code, briefly explain what.
  3. **Results:** Describe what happened compared to the default. Include screenshot(s).
  4. **Interpretation:** What does this show about how simple rules create different outcomes?
2. Write your Lab Memo. You can [download](#) the template in here.
3. Submit your Lab Memo in PDF format through Moodle.

[Here is one example of a Lab Memo](#) for the Fire model. Use it as a guide for writing your own lab memos during this course.

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