Agent-Based Modelling - Coursework 4
Agent-Based Modelling Investigation

Set: **Monday 11 March**
Deadline: **Monday 29 April (12:00)**
Submission: ABM   :   Netlogo File via Moodle
                    Written Report   :   PDF via Moodle

Late submission of either part of this assessment will be subject to the standard penalties, according to UCL regulations and penalties will be applied to the complete mark for CW4.

Task:

Create an Agent-Based Model in NetLogo to address the research question submitted for Coursework 1 (or an alternative research question). Write a report on this model, including a literature review, a discussion of the results obtained from the model and a conclusion, explaining how and to what extent these results answer the research question posed.

You will have completed an ODD description of your model for Coursework 3. This should be included in the 'Info' tab of the NetLogo model and referred to in the written report (the ODD description therefore does not contribute to the word count of the report).

The ODD description may be edited to take account of feedback on Coursework 3. Note that this ODD description **does** feature in the assessment criteria for Coursework 4, as a part of the Experimental Design stream.

[When writing the report, consider the guidance on structured quantitative writing provided in the Quantitative Methods module in Term 1.]

Weighting:

This assessment makes up 50% of the marks for the Agent-Based Modelling module.

Word/Page Limits:

NetLogo Code (including ODD Description in Info Tab)   No limit

Written Report   1000 words – 4 A4 sides

These word limits exclude words in graphs, tables, other figures and code extracts (footnotes *are* included). However, all content must fit within the page limit. The only exception to the above is the Bibliography, which should appear on a separate page at the end of the written report, and is not counted in the word limit or page limit. Penalties for exceeding these limits will be in line with UCL regulations.

The word count must be clearly stated on the first page.

Assessment Criteria

See the assessment criteria for Coursework 4, provided separately.

Additional Note

Be aware that submissions are run through Turnitin software and checked for plagiarism. Punishments for plagiarism (following UCL procedures) can be extremely serious, potentially including disqualification from modules and courses. See the UCL guidelines for details.