# 1st Year Report Functional Methods in Agent-Based Modelling & Simulation

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#### Abstract

A succinct and concise summary (250 words maximum) of the report contents and presented on a single page.

#### 1 Introduction

TODO: Discuss the key aspects of the PhD project such as: background material, context, motivation, aims and objectives. Include a succinct and concise account of the progress and achievements during this stage of the PhD.

### 2 Conducted Research

TODO: Describe the research work carried out during this stage of the PhD and the outcomes. A literature review must be included. Then, as appropriate according to the PhD project, this section can also include theoretical and/or experimental methods, presentation and discussion of results, etc. In the case that papers have been submitted or published within the year of the review, this section can be shorter and focused on discussing the outcomes from those papers within the wider context of the PhD programme of study (papers to be included in the appendix).

## 3 Conclusions

TODO: Provide a succinct account of the conclusions from the report, stating clearly the research questions that have been identified during this stage of the PhD and the progress so far towards addressing those questions.

### 4 Future Work Plan

TODO: A future work plan that is consistent with the progress to date, stating clearly the research question(s) to be addressed during the next year of the PhD.

# 5 Appendix

Material that is complementary to the main body of the report can be included in an appendix. For externally sponsored students, if a report has been submitted to the sponsor during the year of the review, the report should be included in the appendix (a copy of the report can be supplied by the PGR coordinator). The appendix should include a list of training courses (including dates, duration, etc.) taken by the student during the year and other relevant research activities such as given seminars, attendance and presentations to conferences, etc. The appendix could also include material that is supplementary to the main body of the report such as: description of data sets, detailed experimental results, papers that have been submitted or published, etc.