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**Preliminary – please do not quote**

January 15, 2017

**Abstract**

Some abstract here.

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# 1 Introduction

If you are using this template, please cite this item from the references: von Gaudecker, (2014)

Schelling, (1969) example in the code is taken from Stachurski and Sargent, (2013)

The decision rule of an agent is the following:

$$\begin{array}{ll} \text{move} & \text{if } n_{\text{neighbours}} < 4 \\ \text{stay} & \text{if } n_{\text{neighbours}} \geq 4 \end{array}$$

## References

- Gaudecker, Hans-Martin von (2014). “Templates for Reproducible Research Projects in Economics”. <https://github.com/hmgaudecker/econ-project-templates>.
- Schelling, Thomas C. (1969). “Models of Segregation”. In: *The American Economic Review* 59.2, pp. 488–493.
- Stachurski, John and Thomas J. Sargent (2013). “Quantitative Economics”. Available at <http://quant-econ.net/index.html>.

Figure 1: Segregation by cycle in the baseline Schelling, (1969) model as in the Stachurski and Sargent, (2013) example

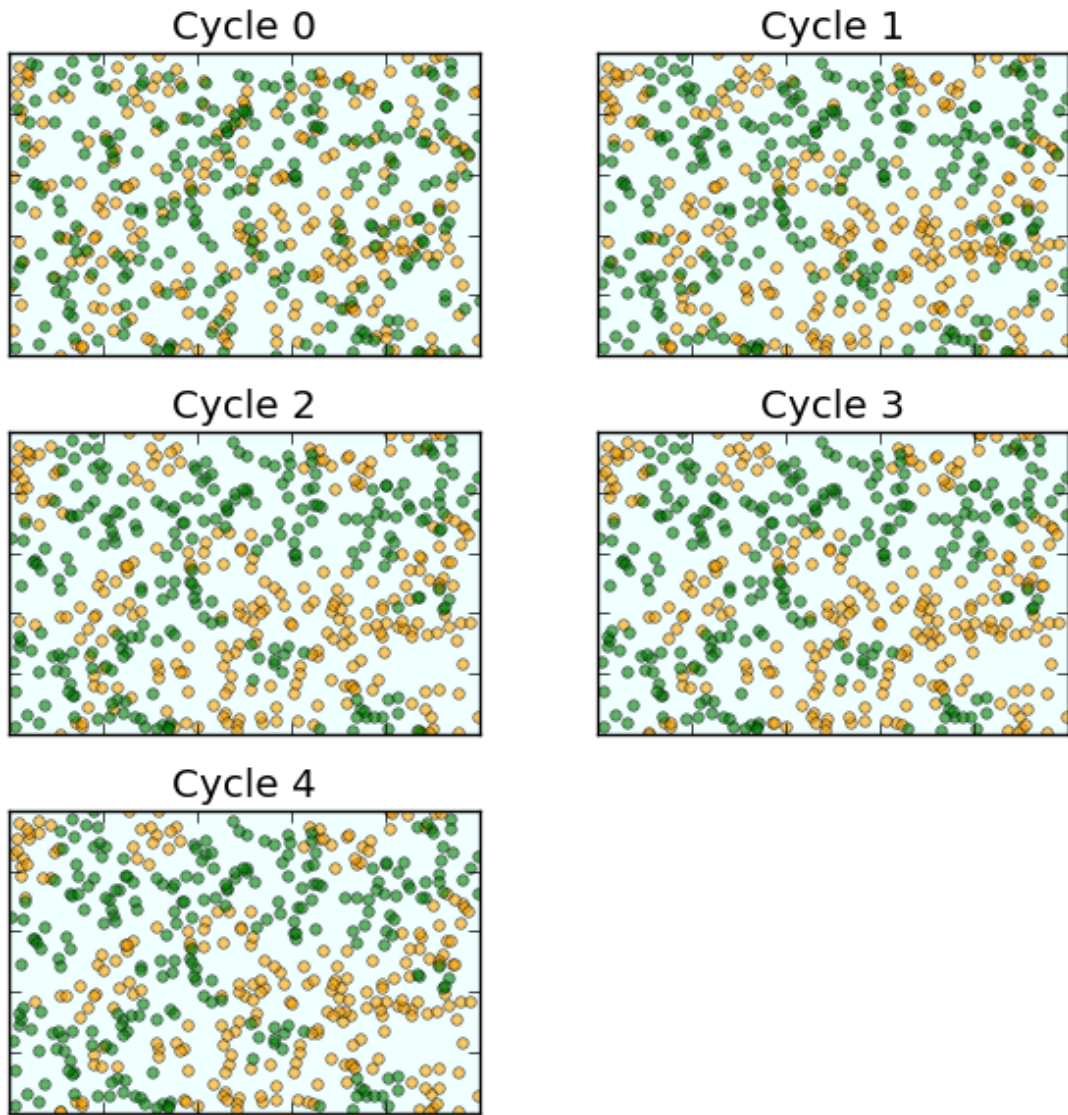


Figure 2: Segregation by cycle in the baseline Schelling, (1969) model, limiting the number of potential moves per period to two

