# Week 3

The leading eight (JTV) – paper

Review by Martin Nowak – Indirect Reciprocity

Replication – replace recreate with 🡨

Steps:

1. Replication
2. Speed
3. Optimisation

Clarification of Santos et al.

Assumptions made:

* The game, many rounds, competition, errors
* Process, imitation process with small mutation

Results:

* Mathematical prediction
* Simulation results

Look at models:

* Numba
* Monash Campus Cluster
* Cython
* C (perhaps)

How to measure things:

* How accurate is the simulation to results in the paper
* Measuring speed up

##Information Delay Paper Research