Model notes – 15 August 2018

Learning algorithms:

Individually learn (one level learner?)

Socially learn – with recombination – copy each trait weighted by fitness (or fitness^k – higher k is copy the best)

Measure – score/time

Recombination stops convergence? Interacts with network structure – you don’t need a fragmented population if you have recombination??

Plot ideas:

1. Trait vs level – plot the trajectory of different learning algorithms
2. Algorithm vs payoff – different curve for each standard deviation value – i.e. what’s the benefit (in payoff) of each algorithm fir different standard deviations?
3. For every algorithm and every parameter combination – plot mean payoff