# Supplementary plots

**Chart, line chart

Description automatically generated**

**Figure S1: Sample run from drift model. x-axis = generations over which individuals reproduced; y-axis = number of individuals with a given trait, represented by colours on the blue-green spectrum, in a population of 100 agents**

**Chart, line chart

Description automatically generated**

**Figure S2: Sample run from model 1 where B = 0 and cost = 10. x-axis = generations over which individuals reproduced; y-axis = number of individuals with a given trait, represented by colours on the blue-green spectrum, in a population of 100 agents**

Chart, box and whisker chart

Description automatically generated

**Figure S3: boxplot of trait-fixation by generation; x-axis = value of cost, 500 runs for each value  (including drift, which we ran 5000 times, left-most column); y-axis = frequency of runs in which any trait went into fixation in at a given generation; black bars = mean; boxes = standard deviations**

Graphical user interface, chart, line chart

Description automatically generated

**Figure S4: Sample run from model 1 where B = 0.6 and cost = 10. x-axis = generations over which individuals reproduced; y-axis = number of individuals with a given trait, represented by colours on the blue-green spectrum, in a population of 100 agents**