Minimum_example.m – This script solves our illustrative patch choice example both using our proposed matrix method as well as backwards induction (on the matrices). Creates Figures 2 and S1 in the text and supplementary material.

Parasitic_wasp_example.m – This script solves the parasitic wasp example pulled from Chan and Godfray (1993) using both our proposed matrix method as well as backwards induction (on the matrices). It also computes the probability of an optimally behaving individual being in a given state at a given time, using both Markov chains and Monte Carlo simulations. Creates Figures 3 and 5 in the text.

Parasitic_wasp_sensitivity.m – This script plots the stationary decisions for a range of parameter values, varying first beta and then alpha, for the parasitic wasp example. The code to obtain the stationary decision is the same as that used in parasitic_wasp_example.m. Creates Figure 4 in the text.