# **Parameter Exploration**

In the plots,

* **Pcontrol** refers to control where killing is random and not dependent on amount of food present at end of generation. This was the control used in previous manuscript, and is not the best measure in my opinion. Death still happens on a lower individual level, which could provide some selection pressure for lower cue abundances.
* **Seasonal** refers to the non-control scenario where death is based on colony food stocks.
* **Control** for models refers to control model condition where the entry of an ant into a colony is a random coin toss, and thus not governed by tolerance curves.

## Model choice

For seasonal death, tick based renewal of food (2 and 4 units). Default values of parameters.

  
