Fruit Fly Assignment

Introduction

Methods

1. Important characteristics of fruit fly spread?
2. Simulation model structure
   1. Fruit fly population estimates
   2. Location and Distance between trees
   3. Introduction risk map
   4. Dispersal kernal (probability density function) -
3. Simulations ran
   1. Different surveillance methods – Triska et al had a table
      1. Standard Grid pattern
      2. Reduced Grid pattern (25 traps)
4. Comparisons between
   1. Time to detection
   2. Etc
   3. How they were compared (K-S Test)
      1. Triska compared all to the ‘standard’ strategy (grid)