## Population and Community Ecology Homework 2

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## Part 1

## **Tutorial Run-Through**

```
library(spatstat)
## Loading required package: nlme
## Loading required package: rpart
##
## spatstat 1.49-0
                         (nickname: 'So-Called Software')
## For an introduction to spatstat, type 'beginner'
library(dplyr)
##
## Attaching package: 'dplyr'
## The following object is masked from 'package:nlme':
##
##
       collapse
## The following objects are masked from 'package:stats':
##
##
       filter, lag
## The following objects are masked from 'package:base':
##
       intersect, setdiff, setequal, union
data(japanesepines)
summary(japanesepines)
## Planar point pattern: 65 points
## Average intensity 65 points per square unit (one unit = 5.7 metres)
## Coordinates are given to 2 decimal places
## i.e. rounded to the nearest multiple of 0.01 units (one unit = 5.7 metres)
## Window: rectangle = [0, 1] x [0, 1] units
## Window area = 1 square unit
## Unit of length: 5.7 metres
glimpse(japanesepines)
## List of 5
## $ window
              :List of 4
    ..$ type : chr "rectangle"
##
   ..$ xrange: num [1:2] 0 1
    ..$ yrange: num [1:2] 0 1
##
     ..$ units :List of 3
```