

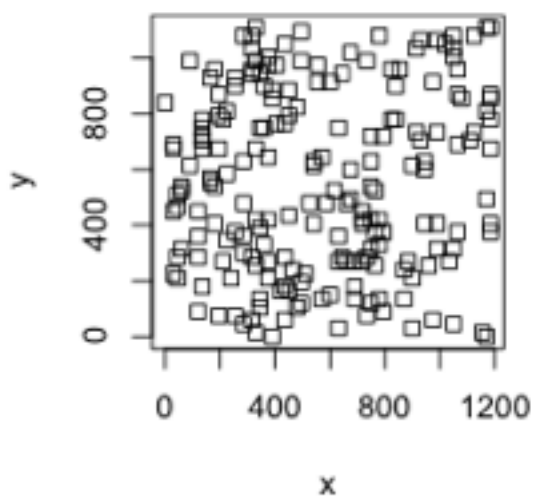
Meron Vegetation Problem (1)

1. Research Objective (Yohay Carmel) : To study the effect of natural and anthropogenic factors on long-term vegetation growth. Variables are measured for 200 pixels in a 1 km² region of Mt Meron. Each pixel is 15m x 15m.

2. Variable Definitions:

x	x-coordinate (meters) of pixel
y	y-coordinate
tree.64	1/0 depending on whether trees were predominant vegetation form in 1964
alt	height (meters)
slope	slope (0 to 1)
ns.aspect	north/south aspect (north = 0, south = 180)
ew.aspect	east/west aspect (east = 90, west = 270)
stream.dist	distance (meters) to nearest stream
road.dist	distance (meters) to nearest road
graze.type	grazing type (1 = cattle, 2 = goats)
graze.intensity	grazing intensity (1, 2 for goats; 1, 2, 3 for cattle)
water.dist	distance (meters) to nearest water source for animals
tree.92	as tree.64, but for 1992

Tree dominance in 1964



Tree dominance in 1992

