knotDist = 0.2, nknots = 297
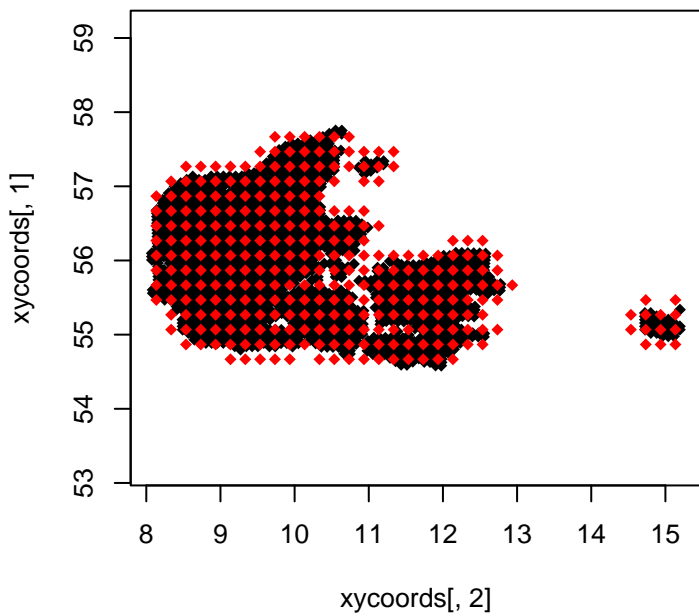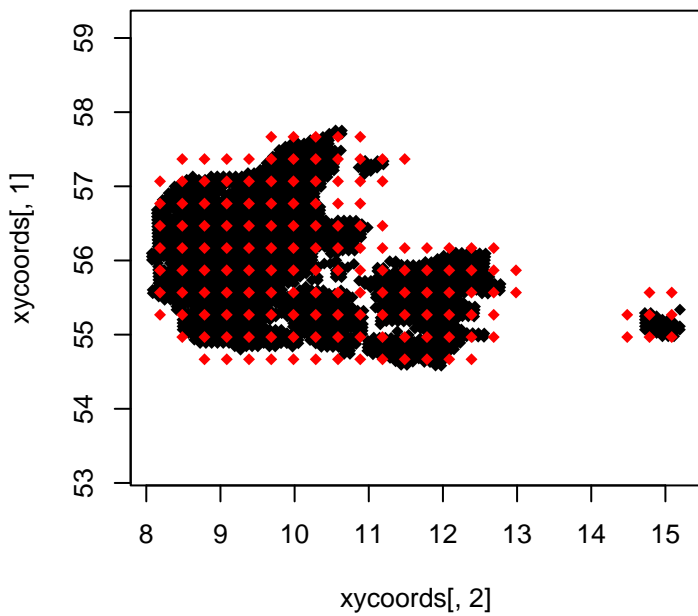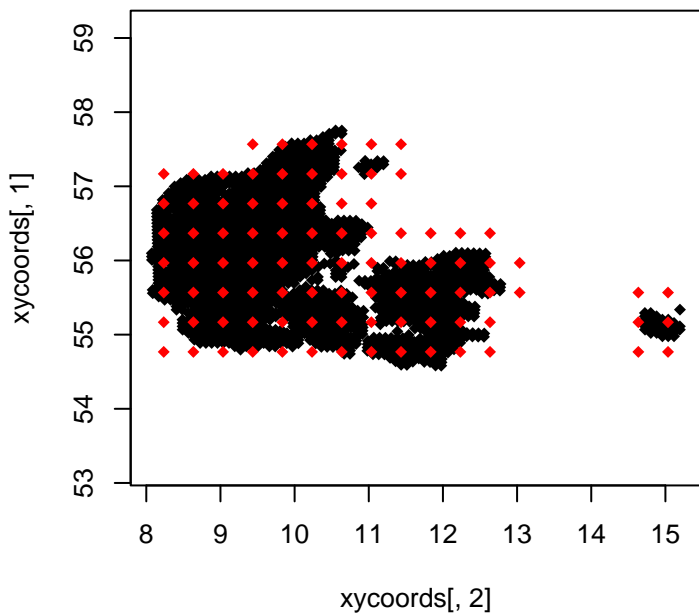
knotDist = 0.3, nknots = 150

knotDist = 0.4, nknots = 91

knotDist = 0.5, nknots = 65