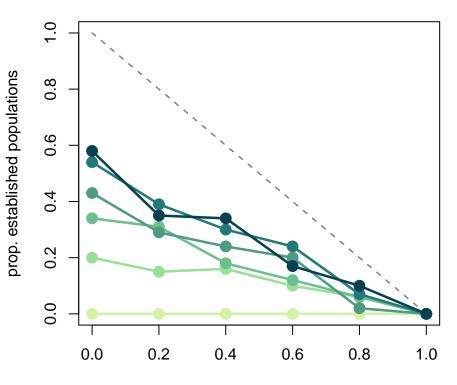**prob.surv= 0.7**

prop. established populations

probability of detection/removing mosquitos