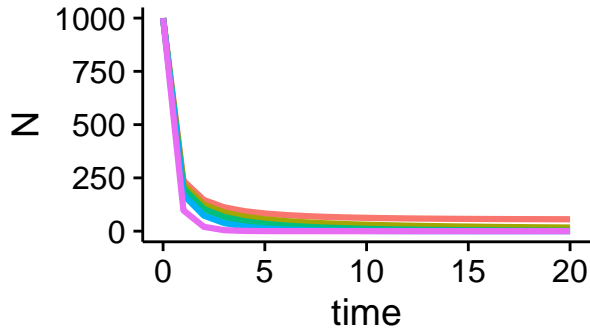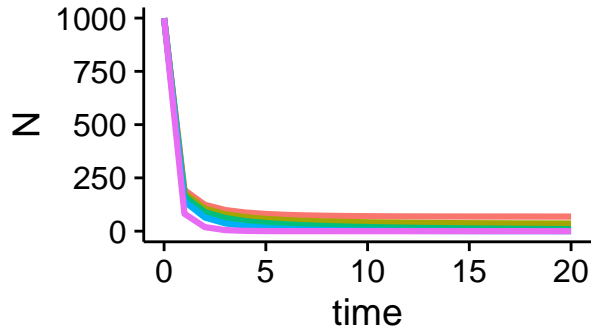Prey Density Over Time, N= 1000 and K= 100