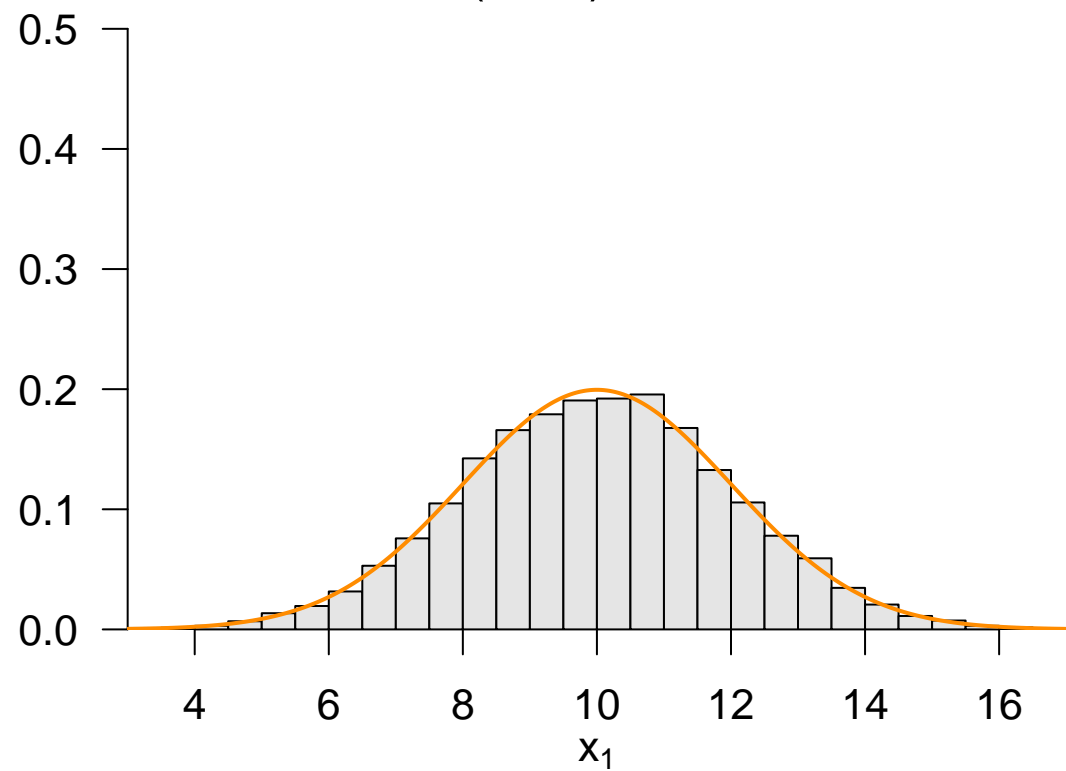
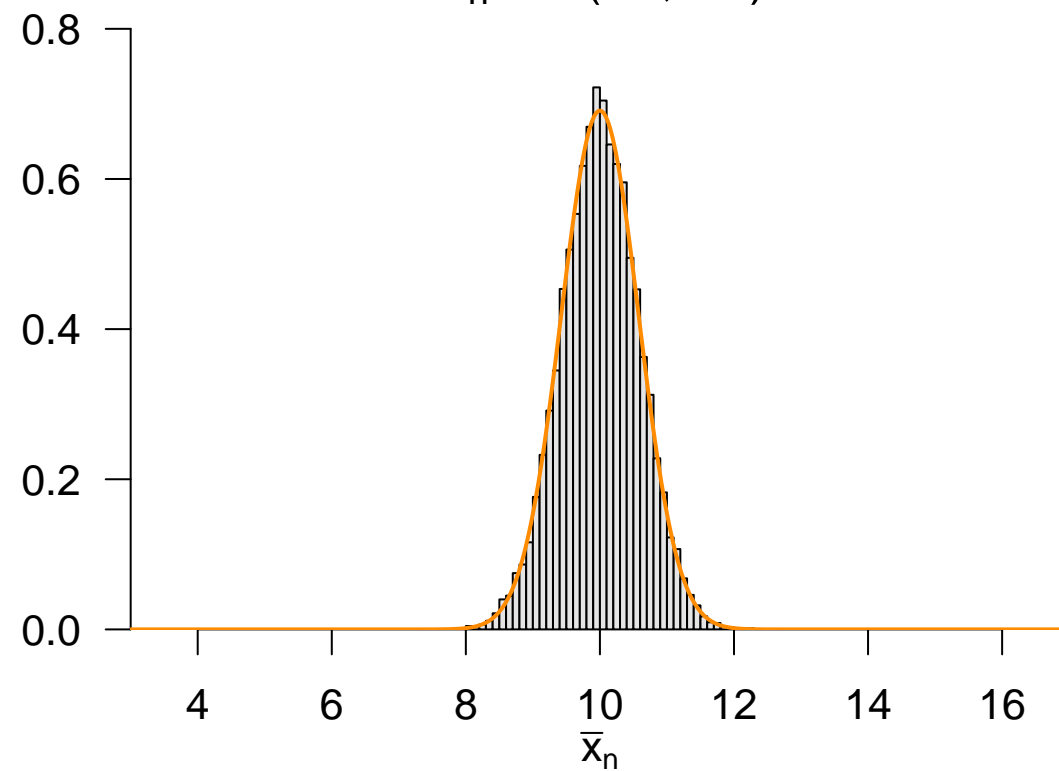


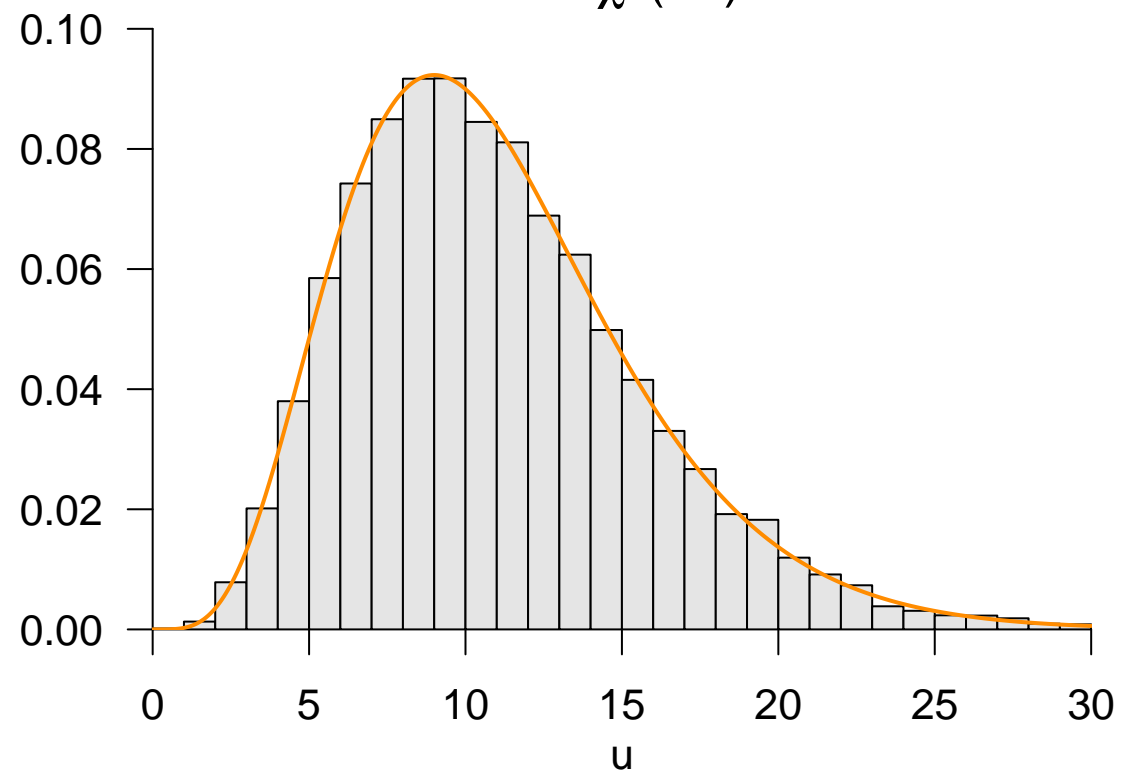
$X_i \sim N(10,4), i = 1, \dots, 12$



$\bar{X}_n \sim N(10, 1/3)$



$U \sim \chi^2(11)$



$T \sim t(11)$

