

Assignment 3. One-Sample Hypothesis

Work by yourself (You can discuss with your classmates and the instructor). Write down your answers here and show the instructor in class for credits.

1. State the null hypothesis and the alternative hypothesis in terms of the appropriate parameter (μ or p) for the follows.
 - The mean number of years Americans work before retiring is 34.
 - At most 60% of Americans vote in presidential elections.
 - The mean starting salary for San Jose State University graduates is at least \$100,000 per year.
 - Twenty-nine percent of high school seniors get drunk each month.
 - Fewer than 5% of adults ride the bus to work in Los Angeles.
2. Give three one-sample hypotheses for the population mean. Write both the null hypothesis and the alternative hypothesis for each.
3. Give three one-sample hypothesis for the population proportion. Write both the null hypothesis and the alternative hypothesis for each.