

SPRING MIDTERM #1

Vocabulary & Symbols

1. ρ 2. $\hat{\rho}$ 3. σ^2 4. σ 5. N 6. \bar{X} 7. S_x 8. SE 9. n

- A.** The actual standard deviation of a population. Usually unknown when sampling.
- B.** The actual variance of a population. Usually unknown when sampling.
- C.** The actual population proportion. Usually unknown when sampling.
- D.** The number of possible observations in a population.
- E.** The sample mean; average of responses gathered in the sample.
- F.** The sample standard deviation; calculated from sample responses; when σ unknown, it estimates the population σ .
- G.** The sample proportion; proportion calculated from the responses gathered in the sample.
- H.** The sample size; number of observations gathered in the sample.
- I.** The size of the population; number of all possible observations or subjects.

