

Exam 3 Supplement

This exam is optional.

It will be administered in class on Friday, December 1.

It can add a few points to your original score, but not subtract them.

It will test whether you understand how to do the problems on the original Exam 3 properly.

In particular, you should be prepared to demonstrate that you have mastered the procedure (steps 0–4) for carrying out a statistical hypothesis test.

You should be able to select the appropriate formulas from the chart, “Statistical Inference for Means and Proportions,” for testing hypotheses or calculating confidence intervals.

In addition, you should be prepared to demonstrate that you have mastered basic concepts, terminology, and notation.

These include:

individual

variable

distribution

population

parameter

sample

statistic

sampling distribution of a statistic

μ

\bar{x}

\bar{X}

σ

s

$\mu_{\bar{X}}$

$\sigma_{\bar{X}}$

Law of Large Numbers

Central Limit Theorem

confidence (interval)

(statistical) significance