

Financial Mathematics

Estimating mean

NOTE: The numbers below are made up.
I'd be interested to know the correct
average heart rate
(in the US population).

3300-1. **Suppose** we have 75 measurements
of heart rates with a sample mean of
87.2 beats per minute.

Assume that the standard deviation is
known to be 9.1 beats per minute.

Using a Z -table, **find** a 99% confidence interval
for the population mean.