

Confidence interval for a mean

Measure: Mean number of homepage visits per week

$$N_1 = 87,029$$

$$N_6 = 92,052$$

$$N_2 = 113,407$$

$$N_7 = 60,684$$

$$N_3 = 84,843$$

$$\bar{N} = \frac{N_1 + \dots + N_7}{7}$$

$$N_4 = 104,994$$

$$\sigma = \text{SD}(N_1, \dots, N_7)$$

$$N_5 = 99,327$$

$$\text{SE} = \frac{\sigma}{\sqrt{7}}$$

use spreadsheet
or programming language

95% confidence interval

