

Άσκηση:

Δείγμα 1: 1, 3, 5, 5, 6

$$\bar{x}_1 = 4$$

$$SS_{\bar{x}_1} = 16$$

$$S^2 = 16/4 = 4$$

$$S_1 = \sqrt{4} = 2$$

$$CV_1 = \frac{S_1}{\bar{x}_1} \rightarrow \frac{2}{4} \times 100 = 50\%$$

$$SE_{\bar{x}_1} = 0,89$$

Άσκηση:Υψος: $\mu.0.$ 171 $\tau.κ$ 34 cm

Βάρος: 72 18 kg

$$CV_{\mu} = \frac{34}{171} \times 100 \approx 19,9\%$$

$$CV_{\beta} = \frac{18}{72} \times 100 \approx 25\%$$

Δείγμα 1: 10, 20, 20, 20, 20, 20, 20, 20, 20, 20

Σύνολο

$$10,78 = \bar{x}_1$$

$$20,25 = \bar{x}_2$$

$$CV_1 = 10,78\%$$

$$20,25 = \bar{x}_2$$

Δείγμα 2: 1, 5, 3, 3, 3, 3, 3, 3, 3, 3

$$3,19 = \bar{x}_3$$

$$25 = \bar{x}_4$$

$$CV_3 = 23,8\%$$

$$25 = \bar{x}_5$$

Δείγμα 3: 1, 1, 1, 1, 1, 1, 1, 1, 1, 1

$$2,29 = \bar{x}_6$$