

$$n = 100$$

$$m = 80$$

$$s = 70$$

$$1 - \alpha = 0,95$$

$$P(t_k) = \frac{r \cdot d}{2} = 0,415$$

$$t_k = 1,95$$

$$m \in \left[\bar{x} - t_k \cdot \frac{s}{\sqrt{n}} ; \bar{x} + t_k \cdot \frac{s}{\sqrt{n}} \right]$$

$$m \in [94,13 ; 95,85]$$