R Notebook

Mitschrift

Confidenz Intervall

$$\bar{x} = Z_{1-\frac{\alpha}{2}} \pm \frac{\sigma}{\sqrt{n}}$$

where $\frac{\sigma}{\sqrt{n}}$ represents standard error

How to make hypothesis tests

1. define H_0 and alternative hypothesis H_1
   - where H_1 is something new or innovative
2. get sample (Stichprobe)
3. define α-error (default 0.05)
4. select test type