

Technical Paper 15

Z-score – One Sample

- A. Test to compare a sample mean with a hypothetical population mean, the population standard deviation is known.
- B. Z-score test is applicable to interval and ratio scale data.
- C. Assumptions
 1. Random sample
 2. Independent samples
 3. Data comes from a normal distribution.

$$Z = \frac{\bar{x} - \mu}{\sigma_{\bar{x}}}$$