Levels of a statistical quantity

Soumadeep Ghosh

Kolkata, India

Abstract

In this paper, I describe levels of a statistical quantity.
The paper ends with "The End"

Introduction

The **levels** of a statistical quantity are important to many fields including
economics, finance, quantum physics and statistics.
In this paper, I describe levels of a statistical quantity.

Levels of a statistical quantity

For any statistical quantity Q,

the **low level** of that statistical quantity is

$$L_Q = \lfloor \frac{Q - \mu}{\sigma} \rfloor$$

and

the **high level** of that statistical quantity is

$$H_Q = \lceil \frac{Q - \mu}{\sigma} \rceil$$

where

μ is the mean (also known as average) of Q

σ is the standard deviation of Q

The End