

(PREVIEW)

*Indian Standard*

# STATISTICS — VOCABULARY AND SYMBOLS

PART 2 APPLIED STATISTICS

( *Third Revision* )

## **Scope**

This part of ISO 3534 defines applied statistics terms, and expresses them in a conceptual framework in accordance with ISO normative terminology practice. Term entries are arranged thematically. An alphabetical index is provided. Standardized symbols and abbreviations are defined.

It has been recognized that the acceptance of applied statistics as a means to improving the effectiveness and efficiency of organizations has been hampered by the complexity and confusion introduced by conflicting designation and usage of terms, definitions, abbreviations and symbols.

The two principal purposes of this part of ISO 3534 are, specifically, to establish a common vocabulary for use throughout ISO/TC 69 standards, together with the broader intent to enhance the preciseness, clarity and cohesiveness in the usage/application of applied statistics generally. The mathematical level has deliberately been kept to a low level in order for the content to be made readily comprehensible to the widest possible readership.

ISO 3534-1 and ISO 3534-2 are intended to be compatible. However, ISO 3534-1, on terms used in probability and statistics, is foundational; so, by necessity, it is presented at a more sophisticated mathematical level than ISO 3534-2. As users of this part of ISO 3534 on applied statistics may occasionally consult ISO 3534-1 for certain terms, copious notes and examples in ISO 3534-1 follow selected terms providing colloquial explanations of formal terms.