



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

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Reference : MSD 03/T-134

Date : 09 July 2024

TECHNICAL COMMITTEE : Statistical Methods for Quality , Data Analytics and Reliability, MSD 03

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Statistical Methods for Quality , Data Analytics and Reliability Sectional Committee, MSD 03. Please [click here](#) to view the document.

Document Number : MSD 03 (26009) WC

Title of the document : Statistical analysis for evaluating the precision of binary measurement methods and their results

Document Type : New Indian Standard

This document has following salient features which may require specific attention for your valuable comments:

- 1) This document introduces five statistical methods for evaluating the precision of binary measurement methods and their results. The five methods can be divided into two types. Both types are based on measured values provided by each laboratory participating in a collaborative study. In the first type, each laboratory repeatedly measures a single sample. The samples measured by the laboratories are nominally identical. The second type is an extension of the first type, where there are several levels of samples.*
- 2) For each statistical method, this document briefly summarizes its theory and explains how to estimate the proposed precision measures. Some real cases are illustrated to help the readers understand the evaluation procedures involved. For the first and second types of methods, five and three cases are presented, respectively.*
- 3) Finally, this document compares the five statistical methods.*

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 08 August 2024

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at msd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

Yours faithfully,
(ANUJ SWARUP BHATNAGAR)
Head (Management and Systems Department)
Email: msd@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : MSD 03/T-134

दिनांक : 09-07-2024

तकनीकी समिति : Statistical Methods for Quality , Data Analytics and Reliability Sectional Committee, MSD 03

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MSD 03 (26009) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 08 August 2024

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

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