



INTERNATIONAL STANDARD ISO 5725-1:1994
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Accuracy (trueness and precision) of measurement methods and results —

Part 1: General principles and definitions

TECHNICAL CORRIGENDUM 1

Exactitude (justesse et fidélité) des résultats et méthodes de mesure —

Part 1: Principes généraux et définitions

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO 5725-1:1994 was prepared by Technical Committee ISO/TC 69, *Applications of statistical methods*, Subcommittee SC 6, *Measurement methods and results*.

Page 10, table 2

Replace table 2 with the following table (taken from table 1 of ISO 5725-4:1994):

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Descriptors: measurement, tests, test results, accuracy, reproducibility, statistical analysis, definitions, generalities.

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Table 2 — Values of A , the uncertainty of an estimate of the bias of the measurement method

| No. of laboratories | Value of A | | | | | | | | |
|---------------------|--------------|---------|---------|--------------|---------|---------|--------------|---------|---------|
| | $\gamma = 1$ | | | $\gamma = 2$ | | | $\gamma = 5$ | | |
| P | $n = 2$ | $n = 3$ | $n = 4$ | $n = 2$ | $n = 3$ | $n = 4$ | $n = 2$ | $n = 3$ | $n = 4$ |
| 5 | 0,62 | 0,51 | 0,44 | 0,82 | 0,80 | 0,79 | 0,87 | 0,86 | 0,86 |
| 10 | 0,44 | 0,36 | 0,31 | 0,58 | 0,57 | 0,56 | 0,61 | 0,61 | 0,61 |
| 15 | 0,36 | 0,29 | 0,25 | 0,47 | 0,46 | 0,46 | 0,50 | 0,50 | 0,50 |
| 20 | 0,31 | 0,25 | 0,22 | 0,41 | 0,40 | 0,40 | 0,43 | 0,43 | 0,43 |
| 25 | 0,28 | 0,23 | 0,20 | 0,37 | 0,36 | 0,35 | 0,39 | 0,39 | 0,39 |
| 30 | 0,25 | 0,21 | 0,18 | 0,33 | 0,33 | 0,32 | 0,35 | 0,35 | 0,35 |
| 35 | 0,23 | 0,19 | 0,17 | 0,31 | 0,30 | 0,30 | 0,33 | 0,33 | 0,33 |
| 40 | 0,22 | 0,18 | 0,15 | 0,29 | 0,28 | 0,28 | 0,31 | 0,31 | 0,31 |