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Statistical interpretation of data —
Part 7:
Median — Estimation and confidence
intervals

Interprétation statistique des données —

Partie 7: Médiane — Estimation et intervalles de confiance



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 16269 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 16269-7 was prepared by Technical Committee ISO/TC 69, *Applications of statistical methods*, Subcommittee SC 3, *Application of statistical methods in standardization*.

ISO 16269 consists of the following parts, under the general title *Statistical interpretation of data*:

— *Part 7: Median — Estimation and confidence intervals*

The following will be the subjects of future parts to ISO 16269:

— *Part 1: Guide to statistical interpretation of data*

— *Part 2: Presentation of statistical data*

— *Part 3: Tests for departure from normality*

— *Part 4: Detection and treatment of outliers*

— *Part 5: Estimation and tests of means and variances for the normal distribution, with power functions for tests*

— *Part 6: Determination of statistical tolerance intervals*

Annexes A and B of this part of ISO 16269 are for information only.