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Topic (i): new applications of disclosure control methods

**STATISTICAL DISCLOSURE CONTROL OF THE STATISTICS NETHERLANDS
EMPLOYMENT AND EARNINGS DATA**

Submitted by Statistics Netherlands¹

Invited paper

Summary

The new Statistics Netherlands Annual Survey on Employment and Earnings (ASEE) is a business survey that contains a large number of records and a lot of information about earnings. The first reference year of the new ASEE is 1995. Many employees' tables are produced on the basis of this rich data source. As these tables have to be protected against the risk of disclosure, the software package Tau-Argus is applied on three basic employees' tables. After combining categories of the spanning variables of the basic tables, the remaining sensitive cells are suppressed. Lots of specific tables can be constructed from the protected basic tables. Thus we have developed a practical strategy for the protection of employees' tables of the ASEE. A public use microdata file of the earnings microdata is made using the software package Mu-Argus to meet the needs of users. To this end the unsafe combinations are protected by global recoding and local suppression using Mu-Argus.

Keywords:

Annual Survey on Employment and Earnings (ASEE), Mu-Argus, Statistical Disclosure Control, Tau-Argus

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