

# SDC at Hagstofa Íslands

September 4-5, 2025



- Organising: 2x2 (ext/int x central/distrib)
- Demands from internal and external researchers \*
- Requirements from the SDC experts
- Novel and experimental developments

# Sharing SDC methodology: *in-house gitlab repository*

Name	Last commit	Last update
📁 0_documentation	Update useful_links.md	2 months ago
📁 1_output_types_to_be_protected	Upload New File	2 months ago
📁 2_sensitive_variables	Upload New File	2 months ago
📁 3_sdc_tests_and_thresholds	Update 22 files	3 months ago
📁 4_sdc_methods_template_scripts	Update methods	2 months ago
📁 5_guidelines_external_researchers	HAGS template	3 months ago
📁 DiffPriv	Add new file	just now
📁 synthetics	Add new file	2 months ago
📄 README.md	Update README.md	3 months ago

## README.md

### SDC for HAGS

We collect here the main documents, scripts, links which are useful and describe the SDC for output OS data at HAGS: for our own published or requested special data and results and for external users' output-results based on our data.

We include:

- the list of sensitive variables (due to re-/identification or due to confidential attributes disclosure)
- the types of output data/special data which need to be checked and protected
- the list of tests for SDC-risk with description of thresholds recommended according to Eurostat and how to chose/apply them
- methods for protection of the output data, with script templates for easy application
- special documents dedicated to data for/from external researchers: concerning microdata confidentiality and output protection

*Standard SDC: sdcTools **public** github repository*

<https://github.com/sdcTools>

## sdcTools

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sdcTools is an organization dedicated to tools for Statistical Disclosure Control.

Events, new releases and other news about sdcTools will be announced on [sdctools.github.io/UserSupport](https://sdctools.github.io/UserSupport). At that website you can also [apply for membership of the User Group on SDCTools](#).

A dedicated repository [UserSupport](#) is available for interaction between users and developers. Using its [issues](#) mechanism, questions can be asked and (possible) bugs can be reported.

# *Useful examples of sdc tools*

 [UserSupport](#) Public

The place to be for User Support on SDC tools and to download the latest releases

 HTML  11  4

 [CensusProtection](#) Public

Methods and tools for Census protection (Target Record Swapping and Cell Key Method)

 2

 [tauargus](#) Public

Forked from [ppdewolf/tauargus](#)

Java interface to tauargus

 AGS Script  13  4

 [muargus](#) Public

Forked from [ppdewolf/muargus](#)

Java interface of mu-argus

 Java  9  2

 [sdcMicro](#) Public

sdcMicro

 R  88  24

 [sdcTable](#) Public

Forked from [bernhard-da/sdcTable](#)

git-repo for sdcTable development

 R  7  7

<https://sdctools.github.io/UserSupport/>

Join if interested!



User Support for Statistical  
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User Group SDC

This project is maintained by [sdcTools](#)

[View the Project on GitHub](#)  
sdcTools/UserSupport

## **i Latest official release τ-argus**

### Events

#### Upcoming events

##### **Expert meeting on Data Confidentiality**

Organised by: UNECE and Eurostat

Venue: Barcelona

Dates: October 15-17, 2025

[Information and call for papers](#)

#### Recent events

##### **User Group meeting 2025**

Date: 27-th of February, 2025, online

[Agenda and presentation slides](#)

##### **PSD2024**

Date: 25-27 September 2024

Venue: Palais des Congrès d'Antibes-Juan Les Pins, Antibes, France

Website: <https://crises-deim.urv.cat/psd2024>

Bi-annual conference "Privacy in Statistical Databases". Not organized by the User Group but highly recommended.

#### Previous events

An overview of events organized by the UserSupport on SDC-Tools group can be found [here](#).

<https://github.com/violetacln/testingSDCtools>

violetacln / testingSDCtools Public

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main 1 Branch 0 Tags Go to file <> Code

violetacln	Rename testing_SDC_gridSystem.R to testing_Bayes_DP_NN.R	642602f · 5 days ago	16 Commits
📄	Iceland_Census_grid_presentation.pdf	Add files via upload	2 years ago
📄	Icelandic_SDC_grid_Census_paper.pdf	Add files via upload	2 years ago
📄	README.md	Update README.md	2 years ago
📄	testing_Bayes_DP_NN.R	Rename testing_SDC_gridSystem.R to testing_Bayes_DP_NN.R	5 days ago
📄	testing_SDC_smallGeospAreas.R	Update and rename testing_SDC_pub_v01.R to testing_SDC...	2 years ago

README

## testingSDCtools

This repository is dedicated to the application of the SDC methods implemented in the R-packages included in [SDC-tools](#) to two types of census data of high resolution: small geospatial areas and grid-cell areas. A [Working Paper](#) has been published based on results for the Icelandic small output areas data.