

# Package ‘readSX’

March 14, 2026

**Title** Read 'SurveyXact' Data

**Version** 0.8.8

**Description** Imports data from the 'SurveyXact' commercial service  
<<https://rambollxact.com>>, adds variable labels, and converts value  
labels to factors in the same order as exported from 'SurveyXact'.

**License** MIT + file LICENSE

**URL** <https://github.com/NIFU-NO/readSX>,  
<https://NIFU-NO.github.io/readSX/>

**BugReports** <https://github.com/NIFU-NO/readSX/issues>

**Depends** R (>= 3.10)

**Imports** cli, readxl, rlang, utils

**Suggests** covr, testthat (>= 3.0.0)

**Config/testthat/edition** 3

**Encoding** UTF-8

**RoxygenNote** 7.3.3

**Language** en-US

**NeedsCompilation** no

**Author** Stephan Daus [aut, cre] (ORCID:  
<<https://orcid.org/0000-0003-0230-6997>>)

**Maintainer** Stephan Daus <stephus.daus@gmail.com>

**Repository** CRAN

**Date/Publication** 2026-03-14 16:20:08 UTC

## Contents

check_filepath . . . . .	2
read_surveyxact . . . . .	2
write_data_for_sx . . . . .	3

<b>Index</b>	<b>4</b>
--------------	----------

---

check_filepath	<i>Checks If Filepath is Valid, Optionally Fixes It.</i>
----------------	--

---

**Description**

Checks If Filepath is Valid, Optionally Fixes It.

**Usage**

```
check_filepath(filepath = filepath)
```

**Arguments**

filepath            Character vector of filepaths to check.

**Value**

filepath as a named character vector

---

read_surveyxact	<i>Import Data Generated by SurveyXact</i>
-----------------	--

---

**Description**

First export the data from SurveyXact either as Excel or a set of CSV-files in European format (semicolon-sep). Then import using this function while setting variable labels and value labels automatically. Can then use labelled-package or other functions in this package for further processing.

**Usage**

```
read_surveyxact(
  filepath = c(dataset = "dataset.csv", structure = "structure.csv", labels =
    "labels.csv"),
  trim_ws = FALSE
)
```

**Arguments**

filepath            A character string with a path to an Excel file, or a character vector with paths to the dataset.csv, structure.csv and labels.csv-files.

trim\_ws            Logical, default is FALSE. Whether to remove leading and ending whitespace from all files.

**Value**

data.frame.

**Examples**

```

dataset <- system.file("extdata", "ex_survey2_tab_utf16", "dataset.csv",
  package = "readSX", mustWork = TRUE
)
labels <- system.file("extdata", "ex_survey2_tab_utf16", "labels.csv",
  package = "readSX", mustWork = TRUE
)
structure <- system.file("extdata", "ex_survey2_tab_utf16", "structure.csv",
  package = "readSX", mustWork = TRUE
)
ex_survey2_tab_utf16 <-
  read_surveyxact(filepath = c(
    dataset = dataset,
    labels = labels,
    structure = structure
  ))

```

---

write_data_for_sx	<i>Writes Data with Respondents in CSV Format Required for SurveyXact Import</i>
-------------------	--

---

**Description**

Writes Data with Respondents in CSV Format Required for SurveyXact Import

**Usage**

```
write_data_for_sx(data, filepath, overwrite = FALSE)
```

**Arguments**

data	Data frame (or tibble).
filepath	Filepath as string
overwrite	Whether to overwrite existing file or not (default).

**Value**

Side-effect: writes file. Returns filepath.

**Examples**

```

tmpfile <- tempfile(fileext = ".csv")
write_data_for_sx(mtcars, filepath=tmpfile)
unlink(tmpfile)

```

# Index

`check_filepath`, 2  
`read_surveyxact`, 2  
`write_data_for_sx`, 3