

# Package ‘pharmaversesdtm’

December 1, 2023

**Type** Package

**Title** Test Data for the Pharmaverse Family of Packages

**Version** 0.2.0

**Description** A set of Study Data Tabulation Model (SDTM) datasets from the Clinical Data Interchange Standards Consortium (CDISC) pilot project used for testing and developing Analysis Data Model (ADaM) datasets inside the pharmaverse family of packages. SDTM dataset specifications are described in: CDISC Submission Data Standards Team (2021) <[https://www.cdisc.org/system/files/members/standard/foundational/SDTMIG%20v3.4-FINAL\\_2022-07-21.pdf](https://www.cdisc.org/system/files/members/standard/foundational/SDTMIG%20v3.4-FINAL_2022-07-21.pdf)>.

**Language** en-US

**License** Apache License (>= 2.0)

**URL** <https://pharmaverse.github.io/pharmaversesdtm/main/>,  
<https://github.com/pharmaverse/pharmaversesdtm>

**Depends** R (>= 3.5.0)

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roxygen2, spelling, usethis, covr

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ae	<i>Adverse Events Dataset-updated</i>
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**Description**

An updated SDTM AE dataset that uses the CDISC pilot project

**Usage**

ae

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 1191 rows and 35 columns.

**Source**

<https://github.com/pharmaverse/pharmaversesdtm/blob/main/data/ae.rda>

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ae_ophtha	<i>Ophthalmology Adverse Events Dataset</i>
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**Description**

An example Adverse Events SDTM dataset with ophthalmology-specific variable 'AELAT'

**Usage**

ae\_ophtha

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 1191 rows and 36 columns.

**Source**

Constructed using 'ae' from the 'pharmaversesdtm' package # nolint

---

`ce_vaccine`*Clinical Events Dataset for Vaccine Studies*

---

**Description**

An example SDTM CE dataset for vaccine studies

**Usage**`ce_vaccine`**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 44 rows and 29 columns.

**Source**

[https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx\\_ce.rda](https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx_ce.rda) # nolint

---

`cm`*Concomitant Medication Dataset*

---

**Description**

A SDTM CM dataset from the CDISC pilot project

**Usage**`cm`**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 7510 rows and 21 columns.

**Source**

<https://github.com/cdisc-org/sdtm-adam-pilot-project/blob/master/updated-pilot-submission-package/900172/m5/datasets/cdiscpilot01/tabulations/sdtm/cm.xpt?raw=true> # nolint

---

dm	<i>Demography Dataset</i>
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---

**Description**

A SDTM DM dataset from the CDISC pilot project

**Usage**

```
dm
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 306 rows and 25 columns.

**Source**

<https://github.com/cdisc-org/sdtm-adam-pilot-project/blob/master/updated-pilot-submission-package/900172/m5/datasets/cdiscpilot01/tabulations/sdtm/dm.xpt?raw=true> # nolint

---

dm_vaccine	<i>Demographics Dataset for Vaccine Studies</i>
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---

**Description**

An example SDTM DM dataset for vaccine studies

**Usage**

```
dm_vaccine
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 2 rows and 28 columns.

**Source**

[https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx\\_dm.rda](https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx_dm.rda) # nolint

---

ds	<i>Disposition Dataset-updated</i>
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---

**Description**

An updated SDTM DS dataset that uses the CDISC pilot project

**Usage**

ds

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 850 rows and 13 columns.

**Author(s)**

Gopi Vegesna

**Source**

<https://github.com/pharmaverse/pharmaversesdtm/blob/main/data/ds.rda>

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eg	<i>Electrocardiogram Dataset</i>
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**Description**

An example of standard SDTM EG dataset to be used in deriving ADEG dataset

**Usage**

eg

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 26669 rows and 24 columns.

---

ex	<i>Exposure Dataset</i>
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**Description**

A SDTM EX dataset from the CDISC pilot project

**Usage**

ex

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 591 rows and 17 columns.

**Source**

<https://github.com/cdisc-org/sdtm-adam-pilot-project/blob/master/updated-pilot-submission-package/900172/m5/datasets/cdiscpilot01/tabulations/sdtm/ex.xpt?raw=true> # nolint

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ex_ophtha	<i>Ophthalmology Exposure Dataset</i>
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**Description**

An example Exposure SDTM dataset with ophthalmology-specific variables such as 'EXLOC' and 'EXLAT'

**Usage**

ex\_ophtha

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 591 rows and 19 columns.

**Source**

Constructed using 'ex' from the 'pharmaversesdtm' package # nolint

---

ex\_vaccine

*Exposures Dataset for Vaccine Studies*

---

**Description**

An example SDTM EX dataset for vaccine studies

**Usage**

```
ex_vaccine
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 4 rows and 21 columns.

**Source**

[https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx\\_ex.rda](https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx_ex.rda) # nolint

---

face\_vaccine

*Findings About Clinical Events Dataset for Vaccine Studies*

---

**Description**

An example SDTM FACE dataset for vaccine studies

**Usage**

```
face_vaccine
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 307 rows and 30 columns.

**Source**

[https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx\\_face.rda](https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx_face.rda) # nolint



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get_terms	<i>An example function as expected by the 'get_terms_fun' parameter of 'admiral::create_query_data()'</i>
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**Description**

An example function as expected by the 'get\_terms\_fun' parameter of 'admiral::create\_query\_data()'

**Usage**

```
get_terms(basket_select, version, keep_id, temp_env)
```

**Arguments**

basket_select	A basket_select object defining the terms
version	MedDRA version
keep_id	Should 'GRPID' be included in the output?
temp_env	Temporary environment

---

is_vaccine	<i>Immunogenicity Specimen Assessments Dataset for Vaccine Studies</i>
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**Description**

An example SDTM IS dataset for vaccine studies

**Usage**

```
is_vaccine
```

**Format**

An object of class tbl\_df (inherits from tbl, data.frame) with 16 rows and 24 columns.

**Source**

[https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx\\_is.rda](https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx_is.rda) # nolint

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lb *Laboratory Measurements Dataset*

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**Description**

An updated SDTM LB dataset that uses data from the CDISC pilot project

**Usage**

lb

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 59580 rows and 23 columns.

**Author(s)**

Annie Yang

**Source**

<https://github.com/pharmaverse/pharmaversesdtm/blob/main/data/lb.rda>

---

mh *Medical History Dataset-updated*

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**Description**

An updated SDTM MH dataset that uses data from the CDISC pilot project

**Usage**

mh

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 1818 rows and 28 columns.

**Author(s)**

Annie Yang

**Source**

<https://github.com/cdisc-org/sdtm-adam-pilot-project/blob/master/updated-pilot-submission-package/900172/m5/datasets/cdiscpilot01/tabulations/sdtm/mh.xpt?raw=true#nolint>

---

oe\_ophtha

*Ophthalmic Examinations Dataset*

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**Description**

A SDTM OE dataset simulated by Ophthalmology team

**Usage**

oe\_ophtha

**Format**

An object of class grouped\_df (inherits from tbl\_df, tbl, data.frame) with 15344 rows and 25 columns.

**Author(s)**

Gordon Miller

---

pc

*Pharmacokinetics Concentrations Dataset*

---

**Description**

A SDTM PC dataset simulated by Antonio Rodríguez Contestí

**Usage**

pc

**Format**

An object of class tbl\_df (inherits from tbl, data.frame) with 3556 rows and 20 columns.

**Author(s)**

Antonio Rodríguez Contestí

**Source**

<https://github.com/pharmaverse/pharmaversesdtm/blob/main/data/pc.rda>

---

pp

*Pharmacokinetic Parameters Dataset*

---

**Description**

A SDTM PP dataset simulated by Antonio Rodríguez Contestí

**Usage**

pp

**Format**

An object of class `data.frame` with 2352 rows and 14 columns.

**Author(s)**

Antonio Rodríguez Contestí

**Source**

<https://github.com/pharmaverse/pharmaversesdtm/blob/main/data/pp.rda>

---

qs\_ophtha

*Ophthalmology Questionnaire Dataset*

---

**Description**

An example Questionnaires SDTM dataset with ophthalmology-specific questionnaire of NEI VFQ-25

**Usage**

qs\_ophtha

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 75922 rows and 20 columns.

**Source**

Constructed using `'qs'` from the `'pharmaversesdtm'` package # nolint

---

`rs_onco`*Disease Response Dataset*

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**Description**

A SDTM RS dataset simulated by Gopi Vegesna

**Usage**`rs_onco`**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 5808 rows and 19 columns.

**Author(s)**

Gopi Vegesna

---

`rs_onco_irecist`*Disease Response Dataset (iRECIST)*

---

**Description**

A SDTM RS dataset using iRECIST. The dataset contains just a few patients. It is intended for vignettes and examples of ADaM dataset creation.

**Usage**`rs_onco_irecist`**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 376 rows and 19 columns.

**Author(s)**

Rohan Thampi

---

rs_onco_recist	<i>Disease Response Dataset (RECIST 1.1)</i>
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**Description**

A SDTM RS dataset using RECIST 1.1. The dataset contains just a few patients. It is intended for vignettes and examples of ADaM dataset creation.

**Usage**

rs\_onco\_recist

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 66 rows and 14 columns.

**Author(s)**

Stefan Bundfuss

**Source**

The dataset is derived from `tr_onco_recist`.

---

sc_ophtha	<i>Subject Characteristic Dataset</i>
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**Description**

A SDTM SC dataset simulated by Ophthalmology team

**Usage**

sc\_ophtha

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 254 rows and 12 columns.

**Author(s)**

Gordon Miller

---

sdg_db	<i>SDG Dataset</i>
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**Description**

An example SDG dataset

**Usage**

sdg\_db

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 16 rows and 5 columns.

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smq_db	<i>SMQ Dataset</i>
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**Description**

An example SMQ dataset

**Usage**

smq\_db

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 44 rows and 6 columns.

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suppae	<i>Supplemental Adverse Events Dataset</i>
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**Description**

A SDTM SUPPAE dataset from the CDISC pilot project

**Usage**

suppae

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 1191 rows and 10 columns.

**Source**

<https://github.com/cdisc-org/sdtm-adam-pilot-project/blob/master/updated-pilot-submission-package/900172/m5/datasets/cdiscpilot01/tabulations/sdtm/suppae.xpt?raw=true> # nolint

---

suppce_vaccine	<i>Supplemental Qualifiers for Clinical Events Dataset for Vaccine Studies</i>
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**Description**

An example SDTM SUPPCE dataset for vaccine studies

**Usage**

suppce\_vaccine

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 4 rows and 9 columns.

**Source**

[https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx\\_suppce.rda](https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx_suppce.rda) # nolint

---

suppdm	<i>Supplemental Demography Dataset</i>
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---

**Description**

A SDTM SUPPDM dataset from the CDISC pilot project

**Usage**

suppdm

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 1197 rows and 10 columns.

**Source**

<https://github.com/cdisc-org/sdtm-adam-pilot-project/blob/master/updated-pilot-submission-package/900172/m5/datasets/cdiscpilot01/tabulations/sdtm/suppdm.xpt?raw=true> # nolint



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suppdm_vaccine	<i>Supplemental Qualifiers for Demographics Dataset for Vaccine Studies</i>
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**Description**

An example SDTM SUPPDM dataset for vaccine studies

**Usage**

```
suppdm_vaccine
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 2 rows and 9 columns.

**Source**

```
https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx\_suppdm.rda # nolint
```

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suppds	<i>Supplemental Disposition Dataset-updated</i>
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**Description**

A SDTM SUPPDS dataset from the CDISC pilot project

**Usage**

```
suppds
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 3 rows and 9 columns.

**Source**

```
https://github.com/cdisc-org/sdtm-adam-pilot-project/blob/master/updated-pilot-submission-package/900172/m5/datasets/cdiscpilot01/tabulations/sdtm/suppds.xpt?raw=true # nolint
```

---

suppex_vaccine	<i>Supplemental Qualifiers for Exposures Dataset for Vaccine Studies</i>
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---

**Description**

An example SDTM SUPPEX dataset for vaccine studies

**Usage**

```
suppex_vaccine
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 4 rows and 9 columns.

**Source**

```
https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx\_suppex.rda # no-lint
```

---

suppface_vaccine	<i>Supplemental Qualifiers for Findings About for Clinical Events Dataset for Vaccine Studies # nolint</i>
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**Description**

An example SDTM SUPPFACE dataset for vaccine studies

**Usage**

```
suppface_vaccine
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 4 rows and 9 columns.

**Source**

```
https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx\_suppface.rda # no-lint
```

---

suppis_vaccine	<i>Supplemental Qualifiers for Immunogenicity Specimen Assessments Dataset for Vaccine Studies # nolint</i>
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**Description**

An example SDTM SUPPIS dataset for vaccine studies

**Usage**

```
suppis_vaccine
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 16 rows and 10 columns.

**Source**

```
https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx\_suppis.rda # nolint
```

---

supptr_onco	<i>Supplemental Tumor Results Dataset</i>
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---

**Description**

A SDTM SUPPTR dataset simulated by Gopi Vegesna

**Usage**

```
supptr_onco
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 55995 rows and 9 columns.

**Author(s)**

Gopi Vegesna

---

sv	<i>Subject Visits Dataset</i>
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**Description**

A SDTM SV dataset from the CDISC pilot project

**Usage**

sv

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 3559 rows and 8 columns.

**Source**

<https://github.com/cdisc-org/sdtm-adam-pilot-project/blob/master/updated-pilot-submission-package/900172/m5/datasets/cdiscpilot01/tabulations/sdtm/sv.xpt?raw=true> # nolint

---

tr_onco	<i>Tumor Results Dataset</i>
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---

**Description**

A SDTM TR dataset simulated by Gopi Vegesna

**Usage**

tr\_onco

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 55995 rows and 24 columns.

**Author(s)**

Gopi Vegesna

---

tr_onco_recist	<i>Tumor Results Dataset (RECIST 1.1)</i>
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---

**Description**

A SDTM TR dataset using RECIST 1.1. The dataset contains just a few patients. It is intended for vignettes and examples of ADaM dataset creation.

**Usage**

```
tr_onco_recist
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 546 rows and 19 columns.

**Author(s)**

Stefan Bundfuss

---

ts	<i>Trial Design Dataset</i>
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**Description**

A SDTM TS dataset from the CDISC pilot project

**Usage**

```
ts
```

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 33 rows and 6 columns.

**Source**

<https://github.com/cdisc-org/sdtm-adam-pilot-project/blob/master/updated-pilot-submission-package/900172/m5/datasets/cdiscpilot01/tabulations/sdtm/ts.xpt?raw=true> # nolint

---

tu\_onco

*Tumor Identification Dataset*

---

**Description**

A SDTM TU dataset simulated by Gopi Vegesna

**Usage**

tu\_onco

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 7734 rows and 18 columns.

**Author(s)**

Gopi Vegesna

---

tu\_onco\_recist

*Tumor Identification Dataset (RECIST 1.1)*

---

**Description**

A SDTM TU dataset using RECIST 1.1. The dataset contains just a few patients. It is intended for vignettes and examples of ADaM dataset creation.

**Usage**

tu\_onco\_recist

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 75 rows and 16 columns.

**Author(s)**

Stefan Bundfuss

---

vs

*Vital Signs Dataset*

---

**Description**

A SDTM VS dataset from the CDISC pilot project

**Usage**

vs

**Format**

An object of class `tbl_df` (inherits from `tbl`, `data.frame`) with 29643 rows and 24 columns.

**Source**

<https://github.com/cdisc-org/sdtm-adam-pilot-project/blob/master/updated-pilot-submission-package/900172/m5/datasets/cdiscpilot01/tabulations/sdtm/vs.xpt?raw=true> # nolint

---

vs\_vaccine

*Vital Signs Dataset for Vaccine Studies*

---

**Description**

An example SDTM VS dataset for vaccine studies

**Usage**

vs\_vaccine

**Format**

An object of class `grouped_df` (inherits from `tbl_df`, `tbl`, `data.frame`) with 28 rows and 23 columns.

**Source**

[https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx\\_vs.rda](https://github.com/pharmaverse/admiralvaccine/blob/main/data/vx_vs.rda) # nolint

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