

# Package ‘tidymodels’

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**Title** Easily Install and Load the 'Tidymodels' Packages

**Version** 1.3.0

**Description** The tidy modeling ``verse" is a collection of packages for modeling and statistical analysis that share the underlying design philosophy, grammar, and data structures of the tidyverse.

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**URL** <https://tidymodels.tidymodels.org>,  
<https://github.com/tidymodels/tidymodels>

**BugReports** <https://github.com/tidymodels/tidymodels/issues>

**Depends** R (>= 3.6)

**Imports** broom (>= 1.0.7), cli (>= 3.6.4), conflicted (>= 1.2.0), dials (>= 1.4.0), dplyr (>= 1.1.4), ggplot2 (>= 3.5.1), hardhat (>= 1.4.1), infer (>= 1.0.7), modeldata (>= 1.4.0), parsnip (>= 1.3.0), purrr (>= 1.0.4), recipes (>= 1.1.1), rlang (>= 1.1.5), rsample (>= 1.2.1), rstudioapi (>= 0.17.1), tibble (>= 3.2.1), tidyr (>= 1.3.1), tune (>= 1.3.0), workflows (>= 1.2.0), workflowsets (>= 1.1.0), yardstick (>= 1.3.2)

**Suggests** covr, glue, knitr, rmarkdown, testthat (>= 3.0.0), xml2

**VignetteBuilder** knitr

**Config/Needs/website** tidyverse/tidytemplate

**Config/testthat/edition** 3

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**NeedsCompilation** no

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**Repository** CRAN

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pkg_deps	<i>List all dependencies</i>
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Description

List all dependencies

Usage

```
pkg_deps(x = "tidymodels", recursive = FALSE)
```

Arguments

- |           |  |
|-----------|--|
| x         | A character string for the packages being evaluated.             |
| recursive | If TRUE, will also list all dependencies of tidymodels packages. |

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tag_show	<i>Facilities for loading and updating other packages</i>
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Description

The tidymodels metapackage contains a set of tags for specific topics in modeling and analysis. These can be used to load packages in groups.

Usage

```
tag_show()

tag_attach(tag)

tag_update(tag)
```

## Arguments

**tag** A character string for the tag. Current options are: 'Bayesian analysis', 'deep learning', 'ensembles', 'extra models', 'extra recipes', 'feature engineering', 'interpretation', 'parallel processing', 'parameter tuning', 'resampling', 'text analysis', 'time series', and 'visualization'.

## Examples

```
tag_show()
```

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`tidymodels_conflicts` *Conflicts between the tidymodels and other packages*

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## Description

This function lists all the conflicts between packages in the tidymodels and other packages that you have loaded.

## Usage

```
tidymodels_conflicts()
```

## Details

There are four conflicts that are deliberately ignored: `intersect`, `union`, `setequal`, and `setdiff` from `dplyr`. These functions make the base equivalents generic, so shouldn't negatively affect any existing code.

To manage conflicts, you can use the conflicted package. To prefer tidymodels functions over other functions, use [tidymodels\\_prefer\(\)](#).

## See Also

[tidymodels\\_prefer\(\)](#)

## Examples

```
tidymodels_conflicts()
```

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tidymodels_packages	<i>List all packages in the tidymodels</i>
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**Description**

List all packages in the tidymodels

**Usage**

```
tidymodels_packages(include_self = TRUE)
```

**Arguments**

include\_self    Include tidymodels in the list?

**Examples**

```
tidymodels_packages()
```

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tidymodels_prefer	<i>Resolve conflicts between tidymodels packages and others</i>
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**Description**

tidymodels\_prefer() uses the conflicted package to handle common conflicts with tidymodels and other packages.

**Usage**

```
tidymodels_prefer(quiet = TRUE)
```

**Arguments**

quiet                    If TRUE, all output will be suppressed

**Details**

The list of conflicts includes several dozen that are known issues with other packages.

Note that the **conflicted** package is used to manage which packages take precedence. Using tidymodels\_prefer() will turn on general conflict resolution during the R session.

**See Also**

[tidymodels\\_conflicts\(\)](#)

**Examples**

```
tidymodels_prefer(quiet = FALSE)
```

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tidymodels_update	<i>Update tidymodels packages</i>
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**Description**

This will check to see if all tidymodels packages (and optionally, their dependencies) are up-to-date, and will install after an interactive confirmation.

**Usage**

```
tidymodels_update(pkg = "tidymodels", recursive = FALSE, ...)
```

**Arguments**

pkg	A character string for the model being updated.
recursive	If TRUE, will also check all dependencies of tidymodels packages.
...	Extra arguments to pass to <code>utils::install.packages()</code>

**Value**

Nothing is returned but a message is printed to the console about which packages (if any) should be installed along with code to do so.

**Examples**

```
## Not run:  
tidymodels_update()  
  
## End(Not run)
```

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