

# Package ‘tidymodels’

July 13, 2022

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

**Version** 1.0.0

**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 (>= 3.4)

**Imports** broom (>= 1.0.0), cli (>= 3.3.0), conflicted (>= 1.1.0), dials (>= 1.0.0), dplyr (>= 1.0.9), ggplot2 (>= 3.3.6), hardhat (>= 1.2.0), infer (>= 1.0.2), modeldata (>= 1.0.0), parsnip (>= 1.0.0), purrr (>= 0.3.4), recipes (>= 1.0.1), rlang (>= 1.0.3), rsample (>= 1.0.0), rstudioapi (>= 0.13), tibble (>= 3.1.7), tidyr (>= 1.2.0), tune (>= 1.0.0), workflows (>= 1.0.0), workflowsets (>= 1.0.0), yardstick (>= 1.0.0)

**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** 7.2.0

**NeedsCompilation** no

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**Repository** CRAN

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**R topics documented:**

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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.

**Examples**

```
tidymodels_conflicts()
```

---

`tidymodels_packages` *List all packages in the tidymodels*

---

**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
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**Details**

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

**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 <a href="#">utils::install.packages()</a>

**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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