

# Package ‘tidymodels’

October 7, 2018

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

**Version** 0.0.1

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

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

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

**Depends** R (>= 3.1)

**Imports** broom (>= 0.5.0), cli (>= 1.0.0), crayon (>= 1.3.4), dplyr (>= 0.7.6), ggplot2 (>= 3.0.0), infer (>= 0.3.0), magrittr (>= 1.5), pillar (>= 1.3.0), purrr (>= 0.2.5), recipes (>= 0.1.3), rlang (>= 0.2.1), rsample (>= 0.0.2), rstudioapi (>= 0.7), tibble (>= 1.4.2), tidytext (>= 0.1.9), tidypredict (>= 0.2.0), tidyposterior (>= 0.0.1), yardstick (>= 0.0.1)

**Suggests** covr, knitr, rmarkdown, testthat

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.0.1

**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**

‘tidymodels’ 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 strong for the tag. Current options are ‘Bayesian analysis’, ‘deep learning’, ‘feature engineering’, ‘parallel processing’, ‘resampling’, ‘text analysis’, and ‘time series’.
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**Examples**

```
tag_show()
```

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tidymodels_conflicts	<i>Conflicts between the tidymodels and other packages</i>
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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()
```

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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_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 [utils::install.packages()]

**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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