

# Package ‘mlr3verse’

March 7, 2021

**Title** Easily Install and Load the 'mlr3' Package Family

**Version** 0.2.1

**Description** The 'mlr3' package family is a set of packages for machine-learning purposes built in a modular fashion. This wrapper package is aimed to simplify the installation and loading of the core 'mlr3' packages. Get more information about the 'mlr3' project at <<https://mlr3book.mlr-org.com/>>.

**License** LGPL-3

**URL** <https://mlr3verse.mlr-org.com>,  
<https://github.com/mlr-org/mlr3verse>

**BugReports** <https://github.com/mlr-org/mlr3verse/issues>

**Depends** R (>= 3.1.0)

**Imports** bbotk, data.table, mlr3 (>= 0.11.0), mlr3cluster, mlr3data, mlr3filters, mlr3fselect, mlr3learners, mlr3misc, mlr3pipelines, mlr3proba, mlr3tuning (>= 0.7.0), mlr3viz, paradox (>= 0.6.0)

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.1

**NeedsCompilation** no

**Author** Michel Lang [cre, aut] (<<https://orcid.org/0000-0001-9754-0393>>),  
Patrick Schratz [aut] (<<https://orcid.org/0000-0003-0748-6624>>)

**Maintainer** Michel Lang <[michellang@gmail.com](mailto:michellang@gmail.com)>

**Repository** CRAN

**Date/Publication** 2021-03-07 05:20:02 UTC

## R topics documented:

mlr3verse-package	2
mlr3verse_info	3

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

---

mlr3verse-package

*mlr3verse: Easily Install and Load the 'mlr3' Package Family*

---

## Description

The 'mlr3' package family is a set of packages for machine-learning purposes built in a modular fashion. This wrapper package is aimed to simplify the installation and loading of the core 'mlr3' packages. Get more information about the 'mlr3' project at <<https://mlr3book.mlr-org.com/>>.

## Learn mlr3

- Book on mlr3: <https://mlr3book.mlr-org.com>
- Use cases and examples gallery: <https://mlr3gallery.mlr-org.com>
- Cheat Sheets: <https://cheatsheets.mlr-org.com>

## Additional Extension Packages

The **mlr3verse** only installs the subset of packages which are on the one hand frequently required to perform a data analysis and on the other hand do not pull in too many dependencies.

Additional extension packages include:

- Analysis of benchmark experiments: **mlr3benchmark**
- Connector to **OpenML**: **mlr3oml**
- Additional learners: <https://github.com/mlr-org/mlr3extralearners>
- Hyperband tuning algorithm: **mlr3hyperband**
- Interface to real (out-of-memory) data bases: **mlr3db**

## Author(s)

**Maintainer:** Michel Lang <[michellang@gmail.com](mailto:michellang@gmail.com)> (**ORCID**)

Authors:

- Patrick Schratz <[patrick.schratz@gmail.com](mailto:patrick.schratz@gmail.com)> (**ORCID**)

## See Also

Useful links:

- <https://mlr3verse.mlr-org.com>
- <https://github.com/mlr-org/mlr3verse>
- Report bugs at <https://github.com/mlr-org/mlr3verse/issues>

---

mlr3verse_info	<i>Print mlr3* package versions</i>
----------------	-------------------------------------

---

**Description**

Returns the package versions of imported mlr3 packages as a `data.table()`.

**Usage**

```
mlr3verse_info()
```

**Examples**

```
mlr3verse_info()
```

# Index

`data.table()`, [3](#)

`mlr3verse` (`mlr3verse-package`), [2](#)

`mlr3verse-package`, [2](#)

`mlr3verse_info`, [3](#)