

# Package ‘eoPredData’

July 8, 2025

**Title** ExperimentHub package containing model data for predicting preeclampsia status for based on plcaental DNA methylation profile

**Version** 1.2.0

**Date** 2023-04-01

**Description** Provides access to eoPred pretrained model hosted on ExperimentHub. Model was trained on placental DNA methylation preeclampsia samples using mixOmics splsda. There are two resources: 1. the model object, and 2. a testing data set used to demonstrate the function.

**License** MIT + file LICENSE

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.1

**URL** <https://github.com/wvictor14/eoPredData>

**BugReports** <https://github.com/wvictor14/eoPredData/issues>

**biocViews** ExperimentData, ExperimentHub, GEO, Tissue, MethylationArrayData, Homo\_sapiens\_Data

**Suggests** BiocStyle, knitr, rmarkdown, RefManageR, planet, mixOmics

**VignetteBuilder** knitr

**Depends** ExperimentHub

**git\_url** <https://git.bioconductor.org/packages/eoPredData>

**git\_branch** RELEASE\_3\_21

**git\_last\_commit** 07379be

**git\_last\_commit\_date** 2025-04-15

**Repository** Bioconductor 3.21

**Date/Publication** 2025-07-08

**Author** Iciar Boyano [aut],  
Victor Yuan [aut, cre]

**Maintainer** Victor Yuan <[victor.2wy@gmail.com](mailto:victor.2wy@gmail.com)>

## Contents

|                    |          |
|--------------------|----------|
| eoPredData-package | 2        |
| <b>Index</b>       | <b>3</b> |

---

|                    |                                                                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| eoPredData-package | <i>eoPredData: ExperimentHub package containing model data for predicting preeclampsia status for based on placental DNA methylation profile</i> |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

---

## Description

Provides access to eoPred pretrained model hosted on ExperimentHub. Model was trained on placental DNA methylation preeclampsia samples using mixOmics splsda. There are two resources: 1. the model object, and 2. a testing data set used to demonstrate the function.

## Author(s)

**Maintainer:** Victor Yuan <victor.2wy@gmail.com>

Authors:

- Iciar Boyano <Iciar.Fernandez@bcchr.ca>

## See Also

Useful links:

- <https://github.com/wvictor14/eoPredData>
- Report bugs at <https://github.com/wvictor14/eoPredData/issues>

# Index

## \* **internal**

eoPredData-package, [2](#)

eoPredData (eoPredData-package), [2](#)

eoPredData-package, [2](#)