

Package ‘fiodata’

May 21, 2026

Title Regional and Multi-Regional Input-Output Data

Version 0.2.0

Description Provides Regional (Brazil, 2020) and Multi-Regional (World, 2000) input-output matrices for R. This package serves as a data-only companion to the 'fio' package, facilitating input-output analysis by providing standardized R6 data objects.

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URL <https://github.com/albersonmiranda/fiodata>

BugReports <https://github.com/albersonmiranda/fiodata/issues>

Encoding UTF-8

LazyData true

LazyDataCompression xz

Depends R (>= 4.2.0)

Imports fio

Config/roxygen2/version 8.0.0

NeedsCompilation no

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Repository CRAN

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`br_2020`*Brazil input-output matrix, year 2020, 51 sectors*

Description

This dataset contains the Brazilian input-output matrix for the year 2020, with 51 sectors. The data is based on the Brazilian Institute of Geography and Statistics (IBGE) and the Brazilian Institute of Applied Economic Research (IPEA).

Usage

`br_2020`

Format

`br_2020:`

A R6 class containing a set of matrices:

`id` Identifier of the new instance

`intermediate_transactions` Intermediate transactions matrix.

`total_production` Total production matrix.

`final_demand` Final demand matrix.

`exports` Exports matrix.

`imports` Imports matrix.

`taxes` Taxes matrix.

`value_added` Value added matrix.

Source

Brazilian Institute of Geography and Statistics (IBGE); Brazilian Institute of Applied Economic Research (IPEA); Center for Computational Studies in General Equilibrium (CECEG) at the Federal University of Espírito Santo (UFES).

Examples

```
# Access the object
```

```
br_2020
```

```
# View available matrices
```

```
names(br_2020)
```

`world_2000`*World input-output matrix, year 2000, 26 countries, 23 sectors.*

Description

This dataset contains a world input-output matrix for the year 2000, with 26 countries and 23 sectors. The data was compiled by the Computational General Equilibrium Study Center (CEGEC) at the Federal University of Espírito Santo (Brazil).

Usage`world_2000`**Format**`world_2000:`

A R6 class containing a set of matrices:

`id` Identifier of the new instance

`intermediate_transactions` Intermediate transactions matrix.

`total_production` Total production matrix.

`household_consumption` Household consumption matrix.

`government_consumption` Government consumption matrix.

`final_demand_others` Other final demand components matrix (GFCF and Stock Variation).

`taxes` Taxes matrix.

`value_added_others` Other value added components matrix (Labor, Capital, Other).

`countries` Vector with country names.

`sectors` Vector with sector names.

Source

Computational General Equilibrium Study Center (CEGEC) at the Federal University of Espírito Santo (UFES), Brazil.

Examples

```
# Access the object
world_2000
```

```
# View available components
names(world_2000)
```

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