Package 'fiodata'

March 5, 2026

Title Regional and Multi-Regional Input-Output Data

Version 0.1.1

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

RoxygenNote 7.3.3

LazyData true

LazyDataCompression xz

Depends R (>= 4.2.0)

Imports fio

NeedsCompilation no

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Repository CRAN

Date/Publication 2026-03-05 22:10:03 UTC

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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)
```

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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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