Package ‘fueleconomy’

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Title EPA Fuel Economy Data

Version 1.0.0

Description Fuel economy data from the EPA, 1985-2015, conveniently packaged for consumption by R users.

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URL https://github.com/hadley/fueleconomy

BugReports https://github.com/hadley/fueleconomy/issues

Depends R (>= 3.1.0)

Suggests dplyr

Encoding UTF-8

LazyData true

RoxygenNote 7.1.0

NeedsCompilation no

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Repository CRAN

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### Common models

**Description**

These models have at least 10 years worth of data. This dataset is suitable for a left-join designed to restrict the number of observations to a more manageable level.

**Usage**

common

**Format**

A dataset with variables make, model, n (total number of models) and years (total number of model-years).

**Examples**

```r
if (require("dplyr")) {
  vehicles %>% semi_join(common)
}
```

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### Vehicle data

**Description**

Fuel economy data from the EPA, 1985-2015. This dataset contains selected variables, and removes vehicles with incomplete data (e.g. no drive train data)

**Usage**

vehicles

**Format**

A data frame with variables:

- **id** Unique EPA identifier
- **make** Manufacturer
- **model** Model name
- **year** Model year
- **class** EPA vehicle size class, [http://www.fueleconomy.gov/feg/ws/wsData.shtml#VClass](http://www.fueleconomy.gov/feg/ws/wsData.shtml#VClass)
- **trans** Transmission
vehicles

- drive  Drive train
- cyl   Number of cylinders
- displ Engine displacement, in litres
- fuel  Fuel type
- hwy   Highway fuel economy, in mpg
- cty   City fuel economy, in mpg

Source

http://www.fueleconomy.gov/feg/download.shtml

Examples

```r
if (require("dplyr")) {
  vehicles
  vehicles %>% group_by(year) %>% summarise(cty = mean(cty))
}
```
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