

# Package ‘lancet.iraqmortality’

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**Type** Package

**Title** Surveys of Iraq Mortality Published in The Lancet

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**Description** The Lancet has published two surveys (Roberts et al (2004) and Burnham et al (2006)) on Iraq mortality before and after the US-led invasion. This package serves three purposes. First, it includes a portion of the summary data related to the first study, both the raw .xls file distributed by the authors and a cleaned up R dataframe. Second, it provides simple functions for working with data from the second study. The authors have distributed this data only to selected researchers. Those researchers can use this package to work with that data more easily. Third, for researchers without such access, we provide a vignette which serves as a guided tour of some of the more interesting aspects of the data.

**Depends** foreign

**License** GPL (>= 2)

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`lancet1`*Data on the Mortality in Iraq from Roberts et al (2004)*

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**Description**

A dataframe of the key cluster-level results.

**Usage**

```
lancet1
```

**Format**

dataframe

**Source**

An .xls file downloaded from <http://timlambert.org> in February 2006 and included with this package.

**References**

"Mortality before and after the 2003 invasion of Iraq: cluster sample survey" by Les Roberts, Riyadh Lafta, Richard Garfield, Jamal Khudhairi, and Gilbert Burnham. The Lancet, 29 October 2004.

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`Overview`*Overview of lancet.iraqmortality package*

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**Description**

The Lancet has published two surveys (Roberts et al (2004) and Burnham et al (2006)) on Iraq mortality before and after the US-led invasion. This package serves three purposes. First, it includes a portion of the summary data related to the first study, both the raw .xls file distributed by the authors (`/doc/lancet1.xls`) and a cleaned up R dataframe (type `data(lancet1)`). Second, it provides simple functions for working with data from the second study. The authors have distributed this data only to selected researchers. Those researchers can use this package to work with that data more easily. Third, for researchers without such access, we provide a vignette — type `vignette(mortality)` — which serves as a guided tour of some of the more interesting aspects of the data. The code for the vignette is provided in `/doc_rnw/mortality.Rnw`. This location is non-standard but necessary since it prevents the automatic checking of the vignette, which would fail since the necessary data is not distributed with the package.

**Author(s)**

David Kane, Arjun Ravi Narayan

## References

[http://en.wikipedia.org/wiki/Lancet\\_surveys\\_of\\_mortality\\_before\\_and\\_after\\_the\\_2003\\_invasion\\_of\\_Iraq](http://en.wikipedia.org/wiki/Lancet_surveys_of_mortality_before_and_after_the_2003_invasion_of_Iraq)

"Mortality before and after the 2003 invasion of Iraq: cluster sample survey" by Les Roberts, Riyadh Lafta, Richard Garfield, Jamal Khudhairi, and Gilbert Burnham. The Lancet, October 29, 2004.

"Mortality after the 2003 invasion of Iraq: a cross-sectional cluster sample survey" by Gilbert Burnham, Riyadh Lafta, Shannon Doocy, and Les Roberts. The Lancet, October 11, 2006.

<http://crookedtimber.org/2004/11/11/lancet-roundup-and-literature-review>

<http://scienceblogs.com/deltoid/lancetiraq/>

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prep.deaths

*Loads up deaths dataset from the mortality.zip file*

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## Description

Returns a data frame containing renamed and cleaned up variables of the 'deaths' from the provided mortality.zip file in the data directory. See the package vignette for a description of these variables. If no mortality.zip is provided, then this function will not work.

## Usage

```
prep.deaths()
```

## Value

Returns a data frame with information on the 629 deaths recorded in Burnham et al (2006). Described as the **deaths** data frame in the vignette.

## Author(s)

Arjun Ravi Narayan, David Kane

## See Also

[prep.houses](#)

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`prep.houses`*Loads up houses dataset from the mortality.zip file*

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**Description**

Returns a data frame containing renamed and cleaned up variables of the 'houses' from the provided mortality.zip file in the data directory. See the package vignette for a description of these variables. If no mortality.zip is provided, then this function will not work.

**Usage**

```
prep.houses()
```

**Value**

Returns a data frame with information on the 1,849 households interviewed in Burnham et al (2006). Described as the **houses** data frame in the vignette.

**Author(s)**

Arjun Ravi Narayan, David Kane

**See Also**

[prep.deaths](#)

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