

Package ‘Horsekicks’

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Type Package

Title Provide Extensions to the Prussian Army Death by Horsekick Data

Version 1.0.2

Author Bill Venables [aut, cre],
Antony Unwin [ctb]

Maintainer Bill Venables <bill.venables@gmail.com>

Description We provide extensions to the classical dataset ``Example 4: Death by the kick of a horse in the Prussian Army" first used by Ladislaus von Bortkeiwicz in his treatise on the Poisson distribution ``Das Gesetz der kleinen Zahlen", <[DOI:10.1017/S0370164600019453](https://doi.org/10.1017/S0370164600019453)>. As well as an extended time series for the horse-kick death data, we also provide, in parallel, deaths by falling from a horse and by drowning.

License GPL (>= 2)

Encoding UTF-8

LazyData true

Depends R (>= 3.5)

RoxygenNote 7.3.2

Suggests knitr, rmarkdown, ggplot2, dplyr, tidyr

VignetteBuilder knitr

NeedsCompilation no

Repository CRAN

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hkdeaths

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Description

The original death by horse-kick data of von Bortkiewicz, with extensions and a minor correction of an apparent transcription error in the data quoted by von Bortkiewicz. The time span is extended from 1875-1894 to 1875-1907, and deaths by falling from a horse and by drowning are also included.

Usage

hkdeaths

Format

A data frame with 462 rows and 8 columns:

year integer: The year of the record

corps factor: The army corps involved

regiments integer: The number of regiments in the corps as given by von Bortkiewicz

NCOs integer: The number of non-commissioned officer horse-kick deaths. These were included in the total numbers and only additionally separately reported up till 1899.

kick integer: The number of deaths by horse-kick

drown integer: The number of deaths by drowning

fall integer: The number of deaths by falling from a horse

vonB_kick integer: The original (shorter) horse-kick deaths series used by von Bortkiewicz, including the transcription error

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* **datasets**
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