

# Package ‘Horsekicks’

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**Type** Package

**Title** Provide Extensions to the Prussian Army Death by Horsekick Data

**Version** 1.0.2

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**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

*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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