

Package ‘NDS’

October 3, 2019

Type Package

Title An R package for manipulating Naturalistic Driving Datasets (NDS).

Version 0.1.0

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Description An R package for manipulating Naturalistic Driving Datasets (NDS).

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Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

Suggests knitr, rmarkdown

VignetteBuilder knitr

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NDS-package	<i>NDS: An R package for manipulating Naturalistic Driving Datasets (NDS).</i>
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Description

An R package for manipulating Naturalistic Driving Datasets (NDS).

Author(s)

Maintainer: Miao Cai <miao.cai@slu.edu> (0000-0003-0170-6905)

hello	<i>Hello, World!</i>
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Description

Prints 'Hello, world!'.

Usage

```
hello()
```

Examples

```
hello()
```

segment	<i>Segment NDS ping data to shifts and trips</i>
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Description

This function segments NDS ping data to shifts and trips

Usage

```
segment(speed, threshold, time_diff)
```

Arguments

speed	Real time speed of the ping
time_diff	The time difference between the nearest two pings.
threshold	The threshold you want to separate the ping (in minutes). It is recommended to use 30 minutes to separate into trips, and 8*60 minutes to separate into shifts.

Examples

```
segment(dat$speed, 30, d$time_diff)
```

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