Package: anicheck (via r-universe)

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Type Package

Title An R package for diagnosing movement data quality

Version 0.1.1

Description An R package for diagnosing movement data quality.

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URL http://animovement.dev/anicheck/, https://github.com/animovement/anicheck/

BugReports https://github.com/animovement/anicheck/issues

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Contents

check_confidence *Visualize the Distribution of Confidence Values per Keypoint*

Description

check_confidence() computes summary statistics for confidence values grouped by a chosen variable (defaulting to keypoint) and returns a tidy data frame that can be visualized with standard plotting functions.

Usage

```
check_confidence(data, ...)

## Default S3 method:
check_confidence(data, by = NULL, ...)
```

Arguments

data	A data frame that contains at least the columns keypoint and confidence. Additional grouping variables can be supplied via the by argument.
...	Arguments passed down to the plotting functions.
by	(Optional) A character vector or column name(s) used to group the data before summarising. If NULL, the function defaults to "keypoint".

Value

A tibble/data frame with one row per group defined by by, containing the following columns:

conf_median Median of confidence within the group (NA-removed).

conf_q1 First quartile (25th percentile) of confidence.

conf_q3 Third quartile (75th percentile) of confidence.

conf_min Minimum value of confidence within the group (NA-removed).

conf_max Maximum value of confidence within the group (NA-removed).

The result can be passed directly to ggplot2 or other visualization packages.

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