

Package ‘openscoring’

January 20, 2024

Title 'Open Scoring' API Client

Version 1.0.1

Description Creativity research involves the need to score open-ended problems. Usually done by humans, automatic scoring using AI becomes more and more accurate. This package provides a simple interface to the 'Open Scoring' API <<https://openscoring.du.edu/docs>>, leading creativity scoring technology by Organiscak et al. (2023) <[doi:10.1016/j.tsc.2023.101356](https://doi.org/10.1016/j.tsc.2023.101356)>. With it, you can score your own data directly from an R script.

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Encoding UTF-8

RoxygenNote 7.2.3

URL <https://github.com/jakub-jedrusiak/openscoring>

BugReports <https://github.com/jakub-jedrusiak/openscoring/issues>

Imports cli, glue, httr, jsonlite, lifecycle, rlang, stringr

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

Author Jakub Jędrusiak [aut, cre, cph]
(<<https://orcid.org/0000-0002-6481-8210>>, University of Wrocław),
Peter Organiscak [ctb] (<<https://orcid.org/0000-0002-9058-2280>>,
University of Denver),
Selcuk Acar [ctb] (<<https://orcid.org/0000-0003-4044-985X>>, University
of North Texas),
Denis Dumas [ctb] (<<https://orcid.org/0000-0002-8446-4720>>, University
of Georgia),
Pier-Luc de Chantal [ctb] (<<https://orcid.org/0000-0002-6974-6172>>,
Université du Québec à Montréal),
Kelly Berthiaume [ctb] (<<https://orcid.org/0000-0002-5285-0512>>,
University of North Texas)

Maintainer Jakub Jędrusiak <kuba23031999@gmail.com>

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oscai	<i>Score with an AI A basic function to score the creativity with an AI. See Rhrefhttps://openscoring.du.edu/scoringllmthe OpenScoring site for more information. Requires an internet connection.</i>
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Description

Score with an AI A basic function to score the creativity with an AI. See [the OpenScoring site](https://openscoring.du.edu/scoringllm) for more information. Requires an internet connection.

Usage

```
oscai(
  df,
  item,
  answer,
  model = c("chatgpt", "babbage2", "davinci2"),
  scores_col = ".originality"
)
```

Arguments

<code>df</code>	A data frame.
<code>item</code>	The column name of the items or other kind of prompt.
<code>answer</code>	The column name of the responses. Commas will be replaced with spaces for scoring.
<code>model</code>	The model to use. Can be one of "chatgpt", "babbage2", "davinci2".
<code>scores_col</code>	The column name to store the scores in. Defaults to ".originality".

Value

The input data frame with the scores added.

Examples

```
df <- data.frame(  
  stimulus = c("brick", "hammer", "sponge"),  
  response = c("butter for trolls", "make Thor jealous", "make it play in a kids show")  
)  
  
df <- oscai(df, stimulus, response, model = "davinci2")
```

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