Package 'optical'

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Type Package

Title What the Package Does (Title Case)

Version 0.1.0

Author Who wrote it

Maintainer The package maintainer <yourself@somewhere.net>

Description More about what it does (maybe more than one line)
Use four spaces when indenting paragraphs within the Description.

License What license is it under?

Encoding UTF-8

LazyData true

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

RoxygenNote 7.1.1

Roxygen list(markdown = TRUE)

R topics documented:

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optimise   *Optimise Calibration Series*

Description

Optimise Calibration Series

Usage

```
optimise(calibration_data, p = 0.6, quad = TRUE)
```

Arguments

`calibration_data`

> a `data.frame` or `tibble` of calibration data. The data should have two columns named, `area` and `concentration`.

`p`   a numeric value (between 0 and 1) of the minimum percentage of calibration observations to utilise

`quad`   logical; if `TRUE` then quadratic regression is also included alongside linear regression duringf the optimisation

Value

a list of three elements.

- `type`: a character string of the regression type (linear or quadratic)
- `score`: numeric value of the `OptiCal` score
- `data`: a `data.frame` of the optimal set of calibration observations

Index