

Package: nbmecalc (via r-universe)

October 15, 2026

Type Package

Title Convert Practice Assessment Scores for Educational Planning

Version 0.1.0

Description Converts supported NBME, UWSA, Free 120, AMBOSS, and CMS practice-assessment inputs into deterministic educational estimates. It can also combine multiple observations with recency and source-quality weights and returns an uncertainty interval. All mappings are independent model assumptions and are not official score conversions.

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URL <https://nbmecalc.com/nbme-score-conversion>,
<https://github.com/jiankn/nbmecalc-r>

BugReports <https://github.com/jiankn/nbmecalc-r/issues>

Encoding UTF-8

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

Repository <https://jiankn.r-universe.dev>

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Contents

convert_practice_score	2
predict_practice_scores	2

Index	3
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 convert_practice_score

Convert one supported practice-assessment score

Description

Applies the independent NBMEcalc v1.1 model assumptions without making a network request.

Usage

```
convert_practice_score(source, score, step = "step2", form = NULL)
```

Arguments

source	One of nbme, uwsa1, uwsa2, free120, amboss, or cms.
score	A finite three-digit score or percentage, according to source.
step	One of step1, step2, or step3.
form	Optional NBME form number.

Value

An integer educational estimate.

 predict_practice_scores

Combine multiple practice-assessment scores

Description

Applies source-quality and recency weights to supported practice-assessment inputs.

Usage

```
predict_practice_scores(exams, step = "step2", days_until_exam = NULL)
```

Arguments

exams	A non-empty data frame with source and score; optional form and taken_days_ago.
step	One of step1, step2, or step3.
days_until_exam	Optional non-negative examination horizon in days.

Value

A list with the point estimate, interval, probability, input count, freshness, and algorithm version.

Index

convert_practice_score, [2](#)

predict_practice_scores, [2](#)