

D-score for measuring development of children 0-4 years

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Preface

This is an introductory booklet on the measurement of child development by means of the D-score. The D-score is a one-number summary that quantifies generic neurocognitive development for children with ages 0-4 years.

This is the *first* in a series of three booklets. The series consists of the following titles:

1. D-score for measuring development of children 0-4 years
2. D-score for international comparisons
3. D-score for creating better instruments

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Introduction

1.1 First 1000 days

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1.4 Measuring neurocognitive development

Chapter 2

Short history

2.1 Growth and development

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2.4 Current situation: Bayley, Griffiths, IQ, domains

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Comparisons

- 3.1 Types of comparisons needed
- 3.2 Problems of age-based measurement
- 3.3 What is a latent variable
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Chapter 4

Rasch model

4.1 Rasch model

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Chapter 5

Items

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5.2 Empirical and fitted item response curves

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Chapter 6

Persons

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Chapter 7

Validity

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7.2 Discriminatory validity

7.3 Concurrent validity

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Outcome

8.1 Application I: D-score as neurocognitive outcome at 1000 days

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8.3 D-score of pre-terms at 2 years

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