

# Package ‘eatData’

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**Type** Package

**Title** eatData

**Version** 0.0.1

**Depends** R (>= 2.14.0)

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**Description** example data

**License** GPL (>= 2)

**LazyLoad** yes

**LazyData** yes

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reading\_writing

*Reading and writing achievement test data*


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### Description

This data set contains fictional achievement scores of 4619 students of 3 countries. See format for a short description of variables.

### Usage

```
data(reading_writing)
```

### Format

'data.frame': 4619 obs. of 24 variables

**idstud** Unique identifier

**wgtSTUD** variable of individual student weights

**sex** Examinee's sex

**country** Country where the examinee is from.

**JKZone** jackknifing zone

**JKrep** replicate ID

**reading\_score1** First plausible value of the reading score

**reading\_score2** Second plausible value of the reading score

**reading\_score3** Third plausible value of the reading score

**writing\_score1** First plausible value of the writing score

**writing\_score2** Second plausible value of the writing score

**writing\_score3** Third plausible value of the writing score

**passed\_reading1** First indicator whether examinee passed the reading minimal requirement

**passed\_reading2** Second indicator whether examinee passed the reading minimal requirement

**passed\_reading3** Third indicator whether examinee passed the reading minimal requirement

**passed\_writing1** First indicator whether examinee passed the writing minimal requirement

**passed\_writing2** Second indicator whether examinee passed the writing minimal requirement

**passed\_writing3** Third indicator whether examinee passed the writing minimal requirement

**zehisei** Overall five indicators of highest socio-economic status. Think of it as imputed values.

**income** Overall two indicators of mean month income.

### Source

Simulated data

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science1	<i>Science achievement test data</i>
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**Description**

This data set contains responses of 420 students on 185 science items. Additional variables are included: id, grade, sex, booklet, track, version, and four dummy coded variables that indicate Track x Version groups. An incomplete block design was used with 4 booklets. Codes on items are: "0" - wrong "1" - right "mbd" - missing by design "mbi" - missing by intention "mir" - missing due to irregular response

**Usage**

```
data(science1)
```

**Format**

'data.frame': 420 obs. of 195 variables

**Source**

Simulated data

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science1.context.vars	<i>Science achievement test data - Context variable names</i>
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**Description**

This vector contains the names of context variables in data set [science1](#)

**Format**

chr [1:9]

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science1.item.characteristics	<i>Science achievement test data - Item characteristics</i>
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**Description**

This data frame contains item characteristics for usage with [automateModels](#) and data set [science1](#)

**Format**

'data.frame': 185 obs. of 3 variables

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science1.items	<i>Science achievement test data - Item names</i>
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**Description**

This vector contains the names items in data set [science1](#)

**Format**

chr [1:185]

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science1.scales	<i>Science achievement test data - Scale definition</i>
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**Description**

This data frame contains scale definitions for usage with [automateModels](#) and data set [science1](#)

**Format**

'data.frame': 185 obs. of 7 variables

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science1.testlets	<i>Science achievement test data - Testlet definition as dummy codes</i>
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**Description**

This data frame contains testlet definitions as dummy codes for usage with [automateModels](#) and data set [science1](#)

**Format**

'data.frame': 185 obs. of 54 variables

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