Package 'Devore7'

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Title Data sets from Devore's ``Prob and Stat for Eng (7th ed)''

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Description Data sets and sample analyses from Jay L. Devore (2008),
``Probability and Statistics for Engineering and the Sciences
(7th ed)'', Thomson.

Depends R(>= 2.4.0), MASS, lattice

LazyData TRUE

License GPL (>= 2)

NeedsCompilation no

Repository CRAN

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Contents

---

ex01.11 *R Data set: ex01.11*

Description

The ex01.11 data frame has 40 rows and 1 column.

Usage

```
data(ex01.11)
```

Format

A data frame with 40 observations on the following variable.

Scores a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.11)
str(ex01.11)
```

---

ex01.12 *R Data set: ex01.12*

Description

The ex01.12 data frame has 36 rows and 1 column.

Usage

```
data(ex01.12)
```

Format

A data frame with 36 observations on the following variable.

SpecGrav a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.12)
str(ex01.12)
```

`ex01.13` *R Data set: ex01.13*

Description

The `ex01.13` data frame has 153 rows and 1 column.

Usage

```
data(ex01.13)
```

Format

A data frame with 153 observations on the following variable.

`strength` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.13)
str(ex01.13)
```

ex01.14 *R Data set: ex01.14*

Description

The ex01.14 data frame has 129 rows and 1 column.

Usage

```
data(ex01.14)
```

Format

A data frame with 129 observations on the following variable.

Rate a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.14)
str(ex01.14)
```

ex01.15 *R Data set: ex01.15*

Description

The ex01.15 data frame has 37 rows and 2 columns.

Usage

```
data(ex01.15)
```

Format

A data frame with 37 observations on the following 2 variables.

Score a numeric vector

Type a factor with levels Creamy Crunchy

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.15)
str(ex01.15)
```

`ex01.17` *R Data set: ex01.17*

Description

The `ex01.17` data frame has 60 rows and 1 column.

Usage

```
data(ex01.17)
```

Format

A data frame with 60 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.17)
str(ex01.17)
```

ex01.18 *R Data set: ex01.18*

Description

The ex01.18 data frame has 18 rows and 2 columns.

Usage

```
data(ex01.18)
```

Format

A data frame with 18 observations on the following 2 variables.

`Number.of.papers` a numeric vector

`Frequency` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.18)
str(ex01.18)
```

ex01.19 *R Data set: ex01.19*

Description

The ex01.19 data frame has 15 rows and 2 columns.

Usage

```
data(ex01.19)
```

Format

A data frame with 15 observations on the following 2 variables.

`Number.of.particles` a numeric vector

`Frequency` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.19)
str(ex01.19)
```

`ex01.20` *R Data set: ex01.20*

Description

The `ex01.20` data frame has 47 rows and 1 column.

Usage

```
data(ex01.20)
```

Format

A data frame with 47 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.20)
str(ex01.20)
```

---

ex01.21 *R Data set: ex01.21*

Description

The ex01.21 data frame has 47 rows and 2 columns.

Usage

```
data(ex01.21)
```

Format

A data frame with 47 observations on the following 2 variables.

y a numeric vector

z a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.21)
str(ex01.21)
```

ex01.23 *R Data set: ex01.23*

Description

The ex01.23 data frame has 100 rows and 1 column.

Usage

```
data(ex01.23)
```

Format

A data frame with 100 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.23)
str(ex01.23)
```

ex01.24 *R Data set: ex01.24*

Description

The ex01.24 data frame has 100 rows and 1 column.

Usage

```
data(ex01.24)
```

Format

A data frame with 100 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.24)
str(ex01.24)
```

---

ex01.25 *R Data set: ex01.25*

Description

The ex01.25 data frame has 40 rows and 2 columns.

Usage

```
data(ex01.25)
```

Format

A data frame with 40 observations on the following 2 variables.

IDT a numeric vector

log10.IDT a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.25)
str(ex01.25)
```

ex01.27 *R Data set: ex01.27*

Description

The ex01.27 data frame has 50 rows and 1 column.

Usage

```
data(ex01.27)
```

Format

A data frame with 50 observations on the following variable.

`lifetime` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.27)
str(ex01.27)
```

ex01.28 *R Data set: ex01.28*

Description

The ex01.28 data frame has 60 rows and 1 column.

Usage

```
data(ex01.28)
```

Format

A data frame with 60 observations on the following variable.

`radiation` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex01.28)
str(ex01.28)
```

---

ex01.29 *R Data set: ex01.29*

Description

The ex01.29 data frame has 61 rows and 1 column.

Usage

```
data(ex01.29)
```

Format

A data frame with 61 observations on the following variable.

C1 a factor with levels B C C5 F J M N O

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.29)
str(ex01.29)
```

ex01.32 *R Data set: ex01.32*

Description

The ex01.32 data frame has 14 rows and 2 columns.

Usage

```
data(ex01.32)
```

Format

A data frame with 14 observations on the following 2 variables.

Value a numeric vector

Cumulative a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.32)
str(ex01.32)
```

ex01.33 *R Data set: ex01.33*

Description

The ex01.33 data frame has 14 rows and 1 column.

Usage

```
data(ex01.33)
```

Format

A data frame with 14 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex01.33)
str(ex01.33)
```

`ex01.34` *R Data set: ex01.34*

Description

The `ex01.34` data frame has 11 rows and 1 column.

Usage

```
data(ex01.34)
```

Format

A data frame with 11 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex01.34)
str(ex01.34)
```

ex01.35 *R Data set: ex01.35*

Description

The ex01.35 data frame has 8 rows and 1 column.

Usage

```
data(ex01.35)
```

Format

A data frame with 8 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex01.35)
str(ex01.35)
```

ex01.36 *R Data set: ex01.36*

Description

The ex01.36 data frame has 26 rows and 1 column.

Usage

```
data(ex01.36)
```

Format

A data frame with 26 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex01.36)
str(ex01.36)
```

`ex01.37` *R Data set: ex01.37*

Description

The `ex01.37` data frame has 10 rows and 1 column.

Usage

```
data(ex01.37)
```

Format

A data frame with 10 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.37)
str(ex01.37)
```

ex01.38 *R Data set: ex01.38*

Description

The ex01.38 data frame has 9 rows and 1 column.

Usage

```
data(ex01.38)
```

Format

A data frame with 9 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.38)
str(ex01.38)
```

ex01.39 *R Data set: ex01.39*

Description

The ex01.39 data frame has 16 rows and 1 column.

Usage

```
data(ex01.39)
```

Format

A data frame with 16 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.39)
str(ex01.39)
```

`ex01.43` *R Data set: ex01.43*

Description

The `ex01.43` data frame has 10 rows and 1 column.

Usage

```
data(ex01.43)
```

Format

A data frame with 10 observations on the following variable.

`Lifetime` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.43)
str(ex01.43)
```

ex01.44 *R Data set: ex01.44*

Description

The ex01.44 data frame has 10 rows and 1 column.

Usage

```
data(ex01.44)
```

Format

A data frame with 10 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.44)
str(ex01.44)
```

ex01.45 *R Data set: ex01.45*

Description

The ex01.45 data frame has 5 rows and 1 column.

Usage

```
data(ex01.45)
```

Format

A data frame with 5 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.45)
str(ex01.45)
```

`ex01.46` *R Data set: ex01.46*

Description

The `ex01.46` data frame has 5 rows and 1 column.

Usage

```
data(ex01.46)
```

Format

A data frame with 5 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.46)
str(ex01.46)
```

ex01.49 *R Data set: ex01.49*

Description

The ex01.49 data frame has 17 rows and 1 column.

Usage

```
data(ex01.49)
```

Format

A data frame with 17 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.49)
str(ex01.49)
```

ex01.50 *R Data set: ex01.50*

Description

The ex01.50 data frame has 27 rows and 1 column.

Usage

```
data(ex01.50)
```

Format

A data frame with 27 observations on the following variable.

awards a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.50)
str(ex01.50)
```

---

ex01.51 *R Data set: ex01.51*

Description

The ex01.51 data frame has 19 rows and 1 column.

Usage

```
data(ex01.51)
```

Format

A data frame with 19 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.51)
str(ex01.51)
```

ex01.54 *R Data set: ex01.54*

Description

The ex01.54 data frame has 11 rows and 1 column.

Usage

```
data(ex01.54)
```

Format

A data frame with 11 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.54)
str(ex01.54)
```

ex01.56 *R Data set: ex01.56*

Description

The ex01.56 data frame has 26 rows and 1 column.

Usage

```
data(ex01.56)
```

Format

A data frame with 26 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.56)
str(ex01.56)
```

---

ex01.59 *R Data set: ex01.59*

Description

The ex01.59 data frame has 50 rows and 2 columns.

Usage

```
data(ex01.59)
```

Format

A data frame with 50 observations on the following 2 variables.

ED a numeric vector

Non a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.59)
str(ex01.59)
```

ex01.60 *R Data set: ex01.60*

Description

The ex01.60 data frame has 12 rows and 2 columns.

Usage

```
data(ex01.60)
```

Format

A data frame with 12 observations on the following 2 variables.

`Test` a numeric vector

`Cannister` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.60)
str(ex01.60)
```

ex01.63 *R Data set: ex01.63*

Description

The ex01.63 data frame has 26 rows and 1 column.

Usage

```
data(ex01.63)
```

Format

A data frame with 26 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.63)
str(ex01.63)
```

`ex01.64` *R Data set: ex01.64*

Description

The `ex01.64` data frame has 4 rows and 2 columns.

Usage

```
data(ex01.64)
```

Format

A data frame with 4 observations on the following 2 variables.

`HC.gm.mi` a numeric vector

`CO.gm.mi` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.64)
str(ex01.64)
```

`ex01.65` *R Data set: ex01.65*

Description

The `ex01.65` data frame has 4 rows and 2 columns.

Usage

```
data(ex01.65)
```

Format

A data frame with 4 observations on the following 2 variables.

`HC` a numeric vector

`CO` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.65)
str(ex01.65)
```

ex01.67 *R Data set: ex01.67*

Description

The ex01.67 data frame has 15 rows and 1 column.

Usage

```
data(ex01.67)
```

Format

A data frame with 15 observations on the following variable.

CO.conc a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.67)
str(ex01.67)
```

ex01.70 *R Data set: ex01.70*

Description

The ex01.70 data frame has 15 rows and 2 columns.

Usage

```
data(ex01.70)
```

Format

A data frame with 15 observations on the following 2 variables.

Weight a numeric vector

Treadmill a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.70)
str(ex01.70)
```

---

ex01.72 *R Data set: ex01.72*

Description

The ex01.72 data frame has 13 rows and 2 columns.

Usage

```
data(ex01.72)
```

Format

A data frame with 13 observations on the following 2 variables.

PTSD a numeric vector

Healthy a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.72)
str(ex01.72)
```

ex01.73 *R Data set: ex01.73*

Description

The ex01.73 data frame has 20 rows and 1 column.

Usage

```
data(ex01.73)
```

Format

A data frame with 20 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.73)
str(ex01.73)
```

ex01.75 *R Data set: ex01.75*

Description

The ex01.75 data frame has 15 rows and 3 columns.

Usage

```
data(ex01.75)
```

Format

A data frame with 15 observations on the following 3 variables.

`Type.1` a numeric vector

`Type.2` a numeric vector

`Type.3` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.75)
str(ex01.75)
```

`ex01.77` *R Data set: ex01.77*

Description

The `ex01.77` data frame has 46 rows and 1 column.

Usage

```
data(ex01.77)
```

Format

A data frame with 46 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.77)
str(ex01.77)
```

---

ex01.80 *R Data set: ex01.80*

Description

The ex01.80 data frame has 15 rows and 2 columns.

Usage

```
data(ex01.80)
```

Format

A data frame with 15 observations on the following 2 variables.

Length a factor with levels 10-<12 12-<14 14-<16 16-<18 18-<20 20-<22 22-<24 24-<26 26-<28 28-<30 30-<35 35-<40 40-<45 6-<8 8-<10

Frequency a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.80)
str(ex01.80)
```

ex01.83 *R Data set: ex01.83*

Description

The ex01.83 data frame has 26 rows and 1 column.

Usage

```
data(ex01.83)
```

Format

A data frame with 26 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex01.83)
str(ex01.83)
```

ex04.82 *R Data set: ex04.82*

Description

The ex04.82 data frame has 10 rows and 1 column.

Usage

```
data(ex04.82)
```

Format

A data frame with 10 observations on the following variable.

lifetime a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex04.82)
str(ex04.82)
```

`ex04.83` *R Data set: ex04.83*

Description

The `ex04.83` data frame has 16 rows and 1 column.

Usage

```
data(ex04.83)
```

Format

A data frame with 16 observations on the following variable.

`thickness` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex04.83)
str(ex04.83)
```

ex04.84 *R Data set: ex04.84*

Description

The ex04.84 data frame has 18 rows and 2 columns.

Usage

```
data(ex04.84)
```

Format

A data frame with 18 observations on the following 2 variables.

obsv a numeric vector

p a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex04.84)
str(ex04.84)
```

ex04.86 *R Data set: ex04.86*

Description

The ex04.86 data frame has 20 rows and 1 column.

Usage

```
data(ex04.86)
```

Format

A data frame with 20 observations on the following variable.

`loadlife` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex04.86)
str(ex04.86)
```

`ex04.88` *R Data set: ex04.88*

Description

The `ex04.88` data frame has 10 rows and 1 column.

Usage

```
data(ex04.88)
```

Format

A data frame with 10 observations on the following variable.

`lifetime` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex04.88)
str(ex04.88)
```

ex04.89 *R Data set: ex04.89*

Description

The ex04.89 data frame has 16 rows and 1 column.

Usage

```
data(ex04.89)
```

Format

A data frame with 16 observations on the following variable.

thickness a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex04.89)
str(ex04.89)
```

ex04.90 *R Data set: ex04.90*

Description

The ex04.90 data frame has 18 rows and 2 columns.

Usage

```
data(ex04.90)
```

Format

A data frame with 18 observations on the following 2 variables.

obsv a numeric vector

p a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex04.90)
str(ex04.90)
```

`ex04.91` *R Data set: ex04.91*

Description

The `ex04.91` data frame has 16 rows and 1 column.

Usage

```
data(ex04.91)
```

Format

A data frame with 16 observations on the following variable.

`failtime` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex04.91)
str(ex04.91)
```

ex04.92 *R Data set: ex04.92*

Description

The ex04.92 data frame has 20 rows and 1 column.

Usage

```
data(ex04.92)
```

Format

A data frame with 20 observations on the following variable.

loadlife a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex04.92)
str(ex04.92)
```

ex04.94 *R Data set: ex04.94*

Description

The ex04.94 data frame has 30 rows and 1 column.

Usage

```
data(ex04.94)
```

Format

A data frame with 30 observations on the following variable.

precip a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex04.94)
str(ex04.94)
```

---

ex04.97 *R Data set: ex04.97*

Description

The ex04.97 data frame has 16 rows and 1 column.

Usage

```
data(ex04.97)
```

Format

A data frame with 16 observations on the following variable.

failtime a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex04.97)
str(ex04.97)
```

ex06.01 *R Data set: ex06.01*

Description

The ex06.01 data frame has 27 rows and 1 column.

Usage

```
data(ex06.01)
```

Format

A data frame with 27 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex06.01)
str(ex06.01)
```

ex06.02 *R Data set: ex06.02*

Description

The ex06.02 data frame has 21 rows and 1 column.

Usage

```
data(ex06.02)
```

Format

A data frame with 21 observations on the following variable.

C1 a factor with levels C C1 H S T

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex06.02)
str(ex06.02)
```

---

ex06.03 *R Data set: ex06.03*

Description

The ex06.03 data frame has 16 rows and 1 column.

Usage

```
data(ex06.03)
```

Format

A data frame with 16 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex06.03)
str(ex06.03)
```

ex06.04 *R Data set: ex06.04*

Description

The ex06.04 data frame has 20 rows and 1 column.

Usage

```
data(ex06.04)
```

Format

A data frame with 20 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex06.04)
str(ex06.04)
```

ex06.05 *R Data set: ex06.05*

Description

The ex06.05 data frame has 5 rows and 3 columns.

Usage

```
data(ex06.05)
```

Format

A data frame with 5 observations on the following 3 variables.

`Book.value` a numeric vector

`Audited.value` a numeric vector

`Error` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex06.05)
str(ex06.05)
```

`ex06.06` *R Data set: ex06.06*

Description

The `ex06.06` data frame has 31 rows and 1 column.

Usage

```
data(ex06.06)
```

Format

A data frame with 31 observations on the following variable.

`Strmflow` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex06.06)
str(ex06.06)
```

`ex06.09` *R Data set: ex06.09*

Description

The `ex06.09` data frame has 8 rows and 2 columns.

Usage

```
data(ex06.09)
```

Format

A data frame with 8 observations on the following 2 variables.

`Number.of.searches.per.item` a numeric vector

`Observed.frequency` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex06.09)
str(ex06.09)
```

ex06.15 *R Data set: ex06.15*

Description

The ex06.15 data frame has 10 rows and 1 column.

Usage

```
data(ex06.15)
```

Format

A data frame with 10 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex06.15)
str(ex06.15)
```

ex06.25 *R Data set: ex06.25*

Description

The ex06.25 data frame has 10 rows and 1 column.

Usage

```
data(ex06.25)
```

Format

A data frame with 10 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex06.25)
str(ex06.25)
```

`ex07.10` *R Data set: ex07.10*

Description

The `ex07.10` data frame has 15 rows and 1 column.

Usage

```
data(ex07.10)
```

Format

A data frame with 15 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex07.10)
str(ex07.10)
```

ex07.26 *R Data set: ex07.26*

Description

The ex07.26 data frame has 11 rows and 2 columns.

Usage

```
data(ex07.26)
```

Format

A data frame with 11 observations on the following 2 variables.

Number.of.absences a numeric vector

Frequency a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex07.26)
str(ex07.26)
```

ex07.33 *R Data set: ex07.33*

Description

The ex07.33 data frame has 17 rows and 1 column.

Usage

```
data(ex07.33)
```

Format

A data frame with 17 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex07.33)
str(ex07.33)
```

`ex07.37` *R Data set: ex07.37*

Description

The `ex07.37` data frame has 20 rows and 1 column.

Usage

```
data(ex07.37)
```

Format

A data frame with 20 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex07.37)
str(ex07.37)
```

ex07.45 *R Data set: ex07.45*

Description

The ex07.45 data frame has 22 rows and 1 column.

Usage

```
data(ex07.45)
```

Format

A data frame with 22 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex07.45)
str(ex07.45)
```

ex07.46 *R Data set: ex07.46*

Description

The ex07.46 data frame has 15 rows and 1 column.

Usage

```
data(ex07.46)
```

Format

A data frame with 15 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex07.46)
str(ex07.46)
```

`ex07.47` *R Data set: ex07.47*

Description

The `ex07.47` data frame has 48 rows and 1 column.

Usage

```
data(ex07.47)
```

Format

A data frame with 48 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex07.47)
str(ex07.47)
```

ex07.49 *R Data set: ex07.49*

Description

The ex07.49 data frame has 18 rows and 1 column.

Usage

```
data(ex07.49)
```

Format

A data frame with 18 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex07.49)
str(ex07.49)
```

ex07.56 *R Data set: ex07.56*

Description

The ex07.56 data frame has 16 rows and 1 column.

Usage

```
data(ex07.56)
```

Format

A data frame with 16 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex07.56)
str(ex07.56)
```

`ex07.58` *R Data set: ex07.58*

Description

The `ex07.58` data frame has 6 rows and 1 column.

Usage

```
data(ex07.58)
```

Format

A data frame with 6 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex07.58)
str(ex07.58)
```

ex08.32 *R Data set: ex08.32*

Description

The ex08.32 data frame has 12 rows and 1 column.

Usage

```
data(ex08.32)
```

Format

A data frame with 12 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex08.32)
str(ex08.32)
```

ex08.54 *R Data set: ex08.54*

Description

The ex08.54 data frame has 30 rows and 1 column.

Usage

```
data(ex08.54)
```

Format

A data frame with 30 observations on the following variable.

percorg a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex08.54)
str(ex08.54)
```

`ex08.55` *R Data set: ex08.55*

Description

The `ex08.55` data frame has 13 rows and 1 column.

Usage

```
data(ex08.55)
```

Format

A data frame with 13 observations on the following variable.

`times` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex08.55)
str(ex08.55)
```

ex08.56 *R Data set: ex08.56*

Description

The ex08.56 data frame has 30 rows and 1 column.

Usage

```
data(ex08.56)
```

Format

A data frame with 30 observations on the following variable.

percorg a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex08.56)
str(ex08.56)
```

ex08.57 *R Data set: ex08.57*

Description

The ex08.57 data frame has 13 rows and 1 column.

Usage

```
data(ex08.57)
```

Format

A data frame with 13 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex08.57)
str(ex08.57)
```

---

ex08.66 *R Data set: ex08.66*

Description

The `ex08.66` data frame has 8 rows and 1 column.

Usage

```
data(ex08.66)
```

Format

A data frame with 8 observations on the following variable.

`SoilHeat` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex08.66)
str(ex08.66)
```

`ex08.68` *R Data set: ex08.68*

Description

The `ex08.68` data frame has 8 rows and 1 column.

Usage

```
data(ex08.68)
```

Format

A data frame with 8 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex08.68)
str(ex08.68)
```

`ex08.70` *R Data set: ex08.70*

Description

The `ex08.70` data frame has 20 rows and 1 column.

Usage

```
data(ex08.70)
```

Format

A data frame with 20 observations on the following variable.

`time` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex08.70)
str(ex08.70)
```

`ex08.80` *R Data set: ex08.80*

Description

The `ex08.80` data frame has 10 rows and 1 column.

Usage

```
data(ex08.80)
```

Format

A data frame with 10 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex08.80)
str(ex08.80)
```

---

ex08.83 *R Data set: ex08.83*

Description

The ex08.83 data frame has 10 rows and 1 column.

Usage

```
data(ex08.83)
```

Format

A data frame with 10 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex08.83)
str(ex08.83)
```

---

ex09.07 *R Data set: ex09.07*

Description

The ex09.07 data frame has 2 rows and 4 columns.

Usage

```
data(ex09.07)
```

Format

A data frame with 2 observations on the following 4 variables.

`Gender` a factor with levels `Females` `Males`

`Sample.Size` a numeric vector

`Sample.Mean` a numeric vector

`Sample.Standard.Deviation` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.07)
str(ex09.07)
```

`ex09.12` *R Data set: ex09.12*

Description

The `ex09.12` data frame has 2 rows and 4 columns.

Usage

```
data(ex09.12)
```

Format

A data frame with 2 observations on the following 4 variables.

`Age.days` a numeric vector

`Sample.Size` a numeric vector

`Sample.Mean` a numeric vector

`Sample.Standard.Deviation` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.12)
str(ex09.12)
```

`ex09.16` *R Data set: ex09.16*

Description

The `ex09.16` data frame has 2 rows and 3 columns.

Usage

```
data(ex09.16)
```

Format

A data frame with 2 observations on the following 3 variables.

`Type` a numeric vector

`Sample.Average` a numeric vector

`Sample.Standard.Deviation` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.16)
str(ex09.16)
```

ex09.23 *R Data set: ex09.23*

Description

The ex09.23 data frame has 24 rows and 2 columns.

Usage

```
data(ex09.23)
```

Format

A data frame with 24 observations on the following 2 variables.

H a numeric vector

P a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.23)
str(ex09.23)
```

ex09.25 *R Data set: ex09.25*

Description

The ex09.25 data frame has 2 rows and 4 columns.

Usage

```
data(ex09.25)
```

Format

A data frame with 2 observations on the following 4 variables.

`Condition` a factor with levels `LBP` `No LBP`

`Sample.size` a numeric vector

`Sample.mean` a numeric vector

`Sample.SD` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.25)
str(ex09.25)
```

`ex09.27` *R Data set: ex09.27*

Description

The `ex09.27` data frame has 2 rows and 4 columns.

Usage

```
data(ex09.27)
```

Format

A data frame with 2 observations on the following 4 variables.

`Type.of.Player` a factor with levels `Advanced` `Intermediate`

`Sample.size` a numeric vector

`Sample.mean` a numeric vector

`Sample.standard.deviation` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.27)
str(ex09.27)
```

`ex09.28` *R Data set: ex09.28*

Description

The `ex09.28` data frame has 10 rows and 2 columns.

Usage

```
data(ex09.28)
```

Format

A data frame with 10 observations on the following 2 variables.

`YF` a numeric vector

`OF` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.28)
str(ex09.28)
```

ex09.29 *R Data set: ex09.29*

Description

The ex09.29 data frame has 2 rows and 4 columns.

Usage

```
data(ex09.29)
```

Format

A data frame with 2 observations on the following 4 variables.

Beverage a factor with levels Cola Strawberry drink

Sample.size a numeric vector

Sample.mean a numeric vector

Sample.standard.deviation a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.29)
str(ex09.29)
```

ex09.30 *R Data set: ex09.30*

Description

The ex09.30 data frame has 2 rows and 4 columns.

Usage

```
data(ex09.30)
```

Format

A data frame with 2 observations on the following 4 variables.

`Type` a factor with levels `Commercial carbon grid` `Fiberglass grid`

`Sample.size` a numeric vector

`Sample.mean` a numeric vector

`Sample.standard.deviation` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.30)
str(ex09.30)
```

`ex09.31` *R Data set: ex09.31*

Description

The `ex09.31` data frame has 11 rows and 1 column.

Usage

```
data(ex09.31)
```

Format

A data frame with 11 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.31)
str(ex09.31)
```

---

ex09.32 *R Data set: ex09.32*

Description

The ex09.32 data frame has 2 rows and 4 columns.

Usage

```
data(ex09.32)
```

Format

A data frame with 2 observations on the following 4 variables.

Type.of.wood a factor with levels Douglas fir Red oak

Sample.size a numeric vector

Sample.mean a numeric vector

Sample.standard.deviation a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.32)
str(ex09.32)
```

ex09.33 *R Data set: ex09.33*

Description

The ex09.33 data frame has 2 rows and 4 columns.

Usage

```
data(ex09.33)
```

Format

A data frame with 2 observations on the following 4 variables.

`Treatment` a factor with levels `Control` `Steroid`

`Sample.size` a numeric vector

`Sample.mean` a numeric vector

`Sample.standard.deviation` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.33)
str(ex09.33)
```

ex09.36 *R Data set: ex09.36*

Description

The ex09.36 data frame has 8 rows and 3 columns.

Usage

```
data(ex09.36)
```

Format

A data frame with 8 observations on the following 3 variables.

`Fabric` a numeric vector

`U` a numeric vector

`A` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.36)
str(ex09.36)
```

`ex09.37` *R Data set: ex09.37*

Description

The `ex09.37` data frame has 33 rows and 3 columns.

Usage

```
data(ex09.37)
```

Format

A data frame with 33 observations on the following 3 variables.

`House` a numeric vector

`Indoor` a numeric vector

`Outdoor` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.37)
str(ex09.37)
```

`ex09.38` *R Data set: ex09.38*

Description

The `ex09.38` data frame has 15 rows and 3 columns.

Usage

```
data(ex09.38)
```

Format

A data frame with 15 observations on the following 3 variables.

`Test.condition` a numeric vector

`Normal` a numeric vector

`High` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.38)
str(ex09.38)
```

ex09.39 *R Data set: ex09.39*

Description

The ex09.39 data frame has 14 rows and 4 columns.

Usage

```
data(ex09.39)
```

Format

A data frame with 14 observations on the following 4 variables.

`Infant` a numeric vector

`Isotopic.method` a numeric vector

`Test` a numeric vector

`Difference` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.39)
str(ex09.39)
```

ex09.40 *R Data set: ex09.40*

Description

The ex09.40 data frame has 16 rows and 3 columns.

Usage

```
data(ex09.40)
```

Format

A data frame with 16 observations on the following 3 variables.

`Period` a numeric vector

`Pipe` a numeric vector

`Brush` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.40)
str(ex09.40)
```

`ex09.41` *R Data set: ex09.41*

Description

The `ex09.41` data frame has 9 rows and 3 columns.

Usage

```
data(ex09.41)
```

Format

A data frame with 9 observations on the following 3 variables.

`Subject` a numeric vector

`Black` a numeric vector

`White` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.41)
str(ex09.41)
```

`ex09.43` *R Data set: ex09.43*

Description

The `ex09.43` data frame has 15 rows and 1 column.

Usage

```
data(ex09.43)
```

Format

A data frame with 15 observations on the following variable.

`c1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.43)
str(ex09.43)
```

ex09.44 *R Data set: ex09.44*

Description

The ex09.44 data frame has 16 rows and 2 columns.

Usage

```
data(ex09.44)
```

Format

A data frame with 16 observations on the following 2 variables.

X1min a numeric vector

X4weeks a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.44)
str(ex09.44)
```

ex09.63 *R Data set: ex09.63*

Description

The ex09.63 data frame has 4 rows and 2 columns.

Usage

```
data(ex09.63)
```

Format

A data frame with 4 observations on the following 2 variables.

`Epoxy` a numeric vector

`MMA.prepolymer` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.63)
str(ex09.63)
```

`ex09.65` *R Data set: ex09.65*

Description

The `ex09.65` data frame has 3 rows and 4 columns.

Usage

```
data(ex09.65)
```

Format

A data frame with 3 observations on the following 4 variables.

`C1` a factor with levels `Fixed` `Floating` `Method`

`C2` a factor with levels `10` `size`

`C3` a factor with levels `757` `807` `mean`

`C4` a factor with levels `27` `41` `SD`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.65)
str(ex09.65)
```

`ex09.66` *R Data set: ex09.66*

Description

The `ex09.66` data frame has 8 rows and 2 columns.

Usage

```
data(ex09.66)
```

Format

A data frame with 8 observations on the following 2 variables.

`Fertilizer.plots` a numeric vector

`Control.plots` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.66)
str(ex09.66)
```

ex09.68 *R Data set: ex09.68*

Description

The ex09.68 data frame has 24 rows and 2 columns.

Usage

```
data(ex09.68)
```

Format

A data frame with 24 observations on the following 2 variables.

Pitcher.sampling a numeric vector

Block.sampling a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.68)
str(ex09.68)
```

ex09.70 *R Data set: ex09.70*

Description

The ex09.70 data frame has 5 rows and 4 columns.

Usage

```
data(ex09.70)
```

Format

A data frame with 5 observations on the following 4 variables.

`C1` a factor with levels `C1 Type Without side coating With side coating`

`C2` a factor with levels `10 C2 Sample size`

`C3` a factor with levels `63.23 80.95 C3 mean Sample`

`C4` a factor with levels `5.96 9.59 C4 Sample SD`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.70)
str(ex09.70)
```

`ex09.72` *R Data set: ex09.72*

Description

The `ex09.72` data frame has 17 rows and 3 columns.

Usage

```
data(ex09.72)
```

Format

A data frame with 17 observations on the following 3 variables.

`Motor` a numeric vector

`Commutator` a numeric vector

`Pinion` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.72)
str(ex09.72)
```

`ex09.76` *R Data set: ex09.76*

Description

The `ex09.76` data frame has 6 rows and 4 columns.

Usage

```
data(ex09.76)
```

Format

A data frame with 6 observations on the following 4 variables.

`C1` a factor with levels `C1 Clean Site Steam plant`

`C2` a factor with levels `8 9 C2 Sample size`

`C3` a factor with levels `11 18 C3 concentration Mean log`

`C4` a factor with levels `4.6 4.9 C4 concentration of log SD`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.76)
str(ex09.76)
```

ex09.77 *R Data set: ex09.77*

Description

The ex09.77 data frame has 5 rows and 3 columns.

Usage

```
data(ex09.77)
```

Format

A data frame with 5 observations on the following 3 variables.

`Twist.multiple` a numeric vector

`Control.strength` a numeric vector

`Heated.strength` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.77)
str(ex09.77)
```

ex09.78 *R Data set: ex09.78*

Description

The ex09.78 data frame has 5 rows and 4 columns.

Usage

```
data(ex09.78)
```

Format

A data frame with 5 observations on the following 4 variables.

`C1` a factor with levels `C1 Elderly men Group Young`

`C2` a factor with levels `12 13 C2 Sample size`

`C3` a factor with levels `6.71 7.47 C3 mean Sample`

`C4` a factor with levels `0.22 0.28 C4 error Standard`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.78)
str(ex09.78)
```

`ex09.79` *R Data set: ex09.79*

Description

The `ex09.79` data frame has 8 rows and 2 columns.

Usage

```
data(ex09.79)
```

Format

A data frame with 8 observations on the following 2 variables.

`Good.visibility` a numeric vector

`Poor.visibility` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.79)
str(ex09.79)
```

`ex09.82` *R Data set: ex09.82*

Description

The `ex09.82` data frame has 7 rows and 2 columns.

Usage

```
data(ex09.82)
```

Format

A data frame with 7 observations on the following 2 variables.

`expend` a numeric vector

`intake` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.82)
str(ex09.82)
```

ex09.86 *R Data set: ex09.86*

Description

The ex09.86 data frame has 4 rows and 3 columns.

Usage

```
data(ex09.86)
```

Format

A data frame with 4 observations on the following 3 variables.

Treatment a numeric vector

n a numeric vector

SD a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.86)
str(ex09.86)
```

ex09.88 *R Data set: ex09.88*

Description

The ex09.88 data frame has 2 rows and 9 columns.

Usage

```
data(ex09.88)
```

Format

A data frame with 2 observations on the following 9 variables.

`C1` a factor with levels `Carpeted:` `Uncarpeted:`

`C2` a numeric vector

`C3` a numeric vector

`C4` a numeric vector

`C5` a numeric vector

`C6` a numeric vector

`C7` a numeric vector

`C8` a numeric vector

`C9` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.88)
str(ex09.88)
```

`ex09.90` *R Data set: ex09.90*

Description

The `ex09.90` data frame has 3 rows and 9 columns.

Usage

```
data(ex09.90)
```

Format

A data frame with 3 observations on the following 9 variables.

`C1` a factor with levels `Frequency` `Region 1` `Region 2`

`C2` a numeric vector

`C3` a numeric vector

`C4` a numeric vector

`C5` a numeric vector

`C6` a numeric vector

`C7` a numeric vector

`C8` a numeric vector

`C9` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex09.90)
str(ex09.90)
```

`ex09.92` *R Data set: ex09.92*

Description

The `ex09.92` data frame has 8 rows and 3 columns.

Usage

```
data(ex09.92)
```

Format

A data frame with 8 observations on the following 3 variables.

`Number` a numeric vector

`Region1` a numeric vector

`Region2` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex09.92)
str(ex09.92)
```

`ex10.06` *R Data set: ex10.06*

Description

The `ex10.06` data frame has 40 rows and 2 columns.

Usage

```
data(ex10.06)
```

Format

A data frame with 40 observations on the following 2 variables.

`Fe` a numeric vector

`formation.group` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.06)
str(ex10.06)
```

ex10.08 *R Data set: ex10.08*

Description

The ex10.08 data frame has 35 rows and 2 columns.

Usage

```
data(ex10.08)
```

Format

A data frame with 35 observations on the following 2 variables.

`stiffness` a numeric vector

`plate.lengths` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.08)
str(ex10.08)
```

ex10.09 *R Data set: ex10.09*

Description

The ex10.09 data frame has 24 rows and 2 columns.

Usage

```
data(ex10.09)
```

Format

A data frame with 24 observations on the following 2 variables.

`thiamin` a numeric vector

`type` a factor with levels `Barley` `Maize` `Oats` `Wheat`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.09)
str(ex10.09)
```

`ex10.18` *R Data set: ex10.18*

Description

The `ex10.18` data frame has 4 rows and 5 columns.

Usage

```
data(ex10.18)
```

Format

A data frame with 4 observations on the following 5 variables.

`Hormone.1` a numeric vector

`Hormone.2` a numeric vector

`Hormone.3` a numeric vector

`Hormone.4` a numeric vector

`Hormone.5` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.18)
str(ex10.18)
```

`ex10.22` *R Data set: ex10.22*

Description

The `ex10.22` data frame has 5 rows and 4 columns.

Usage

```
data(ex10.22)
```

Format

A data frame with 5 observations on the following 4 variables.

`level.1.6` a numeric vector

`level.3.8` a numeric vector

`level.6.0` a numeric vector

`level.10.2` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.22)
str(ex10.22)
```

ex10.26 *R Data set: ex10.26*

Description

The ex10.26 data frame has 5 rows and 6 columns.

Usage

```
data(ex10.26)
```

Format

A data frame with 5 observations on the following 6 variables.

Imperial a numeric vector

Parkay a numeric vector

Blue.Bonnet a numeric vector

Chiffon a numeric vector

Mazola a numeric vector

Fleischmann a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.26)
str(ex10.26)
```

ex10.27 *R Data set: ex10.27*

Description

The ex10.27 data frame has 6 rows and 4 columns.

Usage

```
data(ex10.27)
```

Format

A data frame with 6 observations on the following 4 variables.

Brand.1 a numeric vector

Brand.2 a numeric vector

Brand.3 a numeric vector

Brand.4 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.27)
str(ex10.27)
```

ex10.32 *R Data set: ex10.32*

Description

The ex10.32 data frame has 5 rows and 4 columns.

Usage

```
data(ex10.32)
```

Format

A data frame with 5 observations on the following 4 variables.

`A` a numeric vector

`B` a numeric vector

`C` a numeric vector

`D` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.32)
str(ex10.32)
```

`ex10.36` *R Data set: ex10.36*

Description

The `ex10.36` data frame has 4 rows and 5 columns.

Usage

```
data(ex10.36)
```

Format

A data frame with 4 observations on the following 5 variables.

`L.D` a numeric vector

`R` a numeric vector

`R.L` a numeric vector

`C` a numeric vector

`C.L` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.36)
str(ex10.36)
```

---

ex10.37 *R Data set: ex10.37*

Description

The ex10.37 data frame has 6 rows and 5 columns.

Usage

```
data(ex10.37)
```

Format

A data frame with 6 observations on the following 5 variables.

Brand.1 a numeric vector

Brand.2 a numeric vector

Brand.3 a numeric vector

Brand.4 a numeric vector

Brand.5 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.37)
str(ex10.37)
```

ex10.41 *R Data set: ex10.41*

Description

The ex10.41 data frame has 3 rows and 4 columns.

Usage

```
data(ex10.41)
```

Format

A data frame with 3 observations on the following 4 variables.

Lab.1 a numeric vector

Lab.2 a numeric vector

Lab.3 a numeric vector

Lab.4 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.41)
str(ex10.41)
```

ex10.42 *R Data set: ex10.42*

Description

The ex10.42 data frame has 19 rows and 2 columns.

Usage

```
data(ex10.42)
```

Format

A data frame with 19 observations on the following 2 variables.

`cff` a numeric vector

`color` a factor with levels `Blue` `Brown` `Green`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.42)
str(ex10.42)
```

`ex10.44` *R Data set: ex10.44*

Description

The `ex10.44` data frame has 3 rows and 4 columns.

Usage

```
data(ex10.44)
```

Format

A data frame with 3 observations on the following 4 variables.

`OCM` a numeric vector

`PIM` a numeric vector

`RM` a numeric vector

`PCM` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex10.44)
str(ex10.44)
```

`ex11.02` *R Data set: ex11.02*

Description

The `ex11.02` data frame has 12 rows and 3 columns.

Usage

```
data(ex11.02)
```

Format

A data frame with 12 observations on the following 3 variables.

`Response` a numeric vector

`Coating.A` a numeric vector

`Soil.Type.B` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.02)
str(ex11.02)
```

ex11.03 *R Data set: ex11.03*

Description

The ex11.03 data frame has 17 rows and 3 columns.

Usage

```
data(ex11.03)
```

Format

A data frame with 17 observations on the following 3 variables.

C1 a factor with levels 200 226 240 261 278 312 330 369 381 416 462 500 517 575 645 733 C1

C2 a factor with levels 1(200) 2(400) 3(700) 4(1100) C2

C3 a factor with levels 1(190) 2(250) 3(300) 4(400) C3

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.03)
str(ex11.03)
```

ex11.04 *R Data set: ex11.04*

Description

The ex11.04 data frame has 12 rows and 3 columns.

Usage

```
data(ex11.04)
```

Format

A data frame with 12 observations on the following 3 variables.

`Response` a numeric vector

`Paint.Brand` a numeric vector

`Roller.Brand` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.04)
str(ex11.04)
```

`ex11.05` *R Data set: ex11.05*

Description

The `ex11.05` data frame has 20 rows and 3 columns.

Usage

```
data(ex11.05)
```

Format

A data frame with 20 observations on the following 3 variables.

`force` a numeric vector

`connector` a numeric vector

`angle` a factor with levels `0 deg` `2 deg` `4 deg` `6 deg`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.05)
str(ex11.05)
```

`ex11.08` *R Data set: ex11.08*

Description

The `ex11.08` data frame has 30 rows and 3 columns.

Usage

```
data(ex11.08)
```

Format

A data frame with 30 observations on the following 3 variables.

`epiniphr` a numeric vector

`Anesthet` a factor with levels `1 2 3`

`Subject` a factor with levels `1 2 3 4 5 6 7 8 9 10`

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.08)
str(ex11.08)
```

ex11.09 *R Data set: ex11.09*

Description

The ex11.09 data frame has 36 rows and 3 columns.

Usage

```
data(ex11.09)
```

Format

A data frame with 36 observations on the following 3 variables.

`response` a numeric vector

`type` a numeric vector

`subject` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.09)
str(ex11.09)
```

ex11.10 *R Data set: ex11.10*

Description

The ex11.10 data frame has 10 rows and 4 columns.

Usage

```
data(ex11.10)
```

Format

A data frame with 10 observations on the following 4 variables.

`Batch` a numeric vector

`Method.A` a numeric vector

`Method.B` a numeric vector

`Method.C` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.10)
str(ex11.10)
```

`ex11.15` *R Data set: ex11.15*

Description

The `ex11.15` data frame has 18 rows and 4 columns.

Usage

```
data(ex11.15)
```

Format

A data frame with 18 observations on the following 4 variables.

`Sand` a factor with levels `0` `15` `30`

`Carbon` a factor with levels `0` `0.25` `0.5`

`Hardness` a numeric vector

`Strength` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.15)
str(ex11.15)
```

`ex11.16` *R Data set: ex11.16*

Description

The `ex11.16` data frame has 18 rows and 3 columns.

Usage

```
data(ex11.16)
```

Format

A data frame with 18 observations on the following 3 variables.

`Response` a numeric vector

`Formulat` a factor with levels `1` `2`

`Speed` a factor with levels `60` `70` `80`

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.16)
str(ex11.16)
```

ex11.17 *R Data set: ex11.17*

Description

The ex11.17 data frame has 18 rows and 4 columns.

Usage

```
data(ex11.17)
```

Format

A data frame with 18 observations on the following 4 variables.

`Sand.Addition.perc` a numeric vector

`Carbon.Fiber.Addition.perc` a numeric vector

`Casting.hardness` a numeric vector

`Wet.Mold.Strength` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.17)
str(ex11.17)
```

ex11.18 *R Data set: ex11.18*

Description

The ex11.18 data frame has 18 rows and 3 columns.

Usage

```
data(ex11.18)
```

Format

A data frame with 18 observations on the following 3 variables.

`Yield` a numeric vector

`Speed` a numeric vector

`Formulation` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex11.18)
str(ex11.18)
```

`ex11.20` *R Data set: ex11.20*

Description

The `ex11.20` data frame has 18 rows and 3 columns.

Usage

```
data(ex11.20)
```

Format

A data frame with 18 observations on the following 3 variables.

`current` a numeric vector

`glass` a factor with levels `1` `2`

`phosphor` a factor with levels `1` `2` `3`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.20)
str(ex11.20)
```

`ex11.29` *R Data set: ex11.29*

Description

The `ex11.29` data frame has 96 rows and 4 columns.

Usage

```
data(ex11.29)
```

Format

A data frame with 96 observations on the following 4 variables.

`length` a numeric vector

`time` a factor with levels `1` `2` `3`

`heat` a factor with levels `1` `2`

`machine` a factor with levels `1` `2` `3` `4`

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.29)
str(ex11.29)
```

ex11.31 *R Data set: ex11.31*

Description

The ex11.31 data frame has 27 rows and 4 columns.

Usage

```
data(ex11.31)
```

Format

A data frame with 27 observations on the following 4 variables.

`Yield` a numeric vector

`time` a factor with levels `1` `2` `3`

`tempture` a factor with levels `1` `2` `3`

`pressure` a factor with levels `1` `2` `3`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.31)
str(ex11.31)
```

ex11.34 *R Data set: ex11.34*

Description

The ex11.34 data frame has 36 rows and 4 columns.

Usage

```
data(ex11.34)
```

Format

A data frame with 36 observations on the following 4 variables.

`Sales` a numeric vector

`store` a factor with levels `1 2 3 4 5 6`

`week` a factor with levels `1 2 3 4 5 6`

`shelf` a factor with levels `1 2 3 4 5 6`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.34)
str(ex11.34)
```

`ex11.35` *R Data set: ex11.35*

Description

The `ex11.35` data frame has 25 rows and 4 columns.

Usage

```
data(ex11.35)
```

Format

A data frame with 25 observations on the following 4 variables.

`Moisture` a numeric vector

`plant` a factor with levels `1 2 3 4 5`

`leafsize` a factor with levels `1 2 3 4 5`

`time` a factor with levels `1 2 3 4 5`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.35)
str(ex11.35)
```

`ex11.39` *R Data set: ex11.39*

Description

The `ex11.39` data frame has 24 rows and 4 columns.

Usage

```
data(ex11.39)
```

Format

A data frame with 24 observations on the following 4 variables.

`cleaning` a numeric vector

`detergnt` a factor with levels `1` `2`

`carbonat` a factor with levels `1` `2`

`cellulos` a factor with levels `1` `2`

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.39)
str(ex11.39)
```

ex11.40 *R Data set: ex11.40*

Description

The ex11.40 data frame has 32 rows and 5 columns.

Usage

```
data(ex11.40)
```

Format

A data frame with 32 observations on the following 5 variables.

sizing a numeric vector

conc a factor with levels 50 75

pH a factor with levels 6 7

tempture a factor with levels 60 70

time a factor with levels 6 8

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.40)
str(ex11.40)
```

`ex11.42` *R Data set: ex11.42*

Description

The `ex11.42` data frame has 48 rows and 5 columns.

Usage

```
data(ex11.42)
```

Format

A data frame with 48 observations on the following 5 variables.

`consump` a numeric vector

`roof` a factor with levels `-1` `1`

`power` a factor with levels `-1` `1`

`scrap` a factor with levels `-1` `1`

`charge` a factor with levels `-1` `1`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.42)
str(ex11.42)
```

ex11.43 *R Data set: ex11.43*

Description

The ex11.43 data frame has 16 rows and 5 columns.

Usage

```
data(ex11.43)
```

Format

A data frame with 16 observations on the following 5 variables.

duration a numeric vector

vibratn a factor with levels -1 1

tempture a factor with levels -1 1

altitude a factor with levels -1 1

firing a factor with levels -1 1

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex11.43)
str(ex11.43)
```

ex11.48 *R Data set: ex11.48*

Description

The ex11.48 data frame has 8 rows and 5 columns.

Usage

```
data(ex11.48)
```

Format

A data frame with 8 observations on the following 5 variables.

thrust a numeric vector

vibratn a factor with levels -1 1

tempture a factor with levels -1 1

altitude a factor with levels -1 1

firing a factor with levels -1 1

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex11.48)
str(ex11.48)
```

ex11.50 *R Data set: ex11.50*

Description

The ex11.50 data frame has 45 rows and 3 columns.

Usage

```
data(ex11.50)
```

Format

A data frame with 45 observations on the following 3 variables.

`Fabric` a factor with levels `Broadcloth` `Corduroy` `Crepe` `Denim` `Double knit` `Sheeting` `Terry` `Twill` `Twill mix`

`Response` a numeric vector

`Drying` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex11.50)
str(ex11.50)
```

ex11.52 *R Data set: ex11.52*

Description

The ex11.52 data frame has 16 rows and 3 columns.

Usage

```
data(ex11.52)
```

Format

A data frame with 16 observations on the following 3 variables.

`Response` a numeric vector

`Sowing.Rate.kg.ha` a numeric vector

`Plot` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex11.52)
str(ex11.52)
```

`ex11.53` *R Data set: ex11.53*

Description

The `ex11.53` data frame has 8 rows and 6 columns.

Usage

```
data(ex11.53)
```

Format

A data frame with 8 observations on the following 6 variables.

`Run` a numeric vector

`Spray.Volume` a factor with levels `-` `+`

`Belt.Speed` a factor with levels `-` `+`

`Brand` a factor with levels `-` `+`

`Replication.1` a numeric vector

`Replication.2` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.53)
str(ex11.53)
```

---

ex11.54 *R Data set: ex11.54*

Description

The ex11.54 data frame has 8 rows and 5 columns.

Usage

```
data(ex11.54)
```

Format

A data frame with 8 observations on the following 5 variables.

`Sample.number` a numeric vector

`Factor.A` a numeric vector

`Factor.B` a numeric vector

`Factor.C` a numeric vector

`Resonse.EC50` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.54)
str(ex11.54)
```

ex11.55 *R Data set: ex11.55*

Description

The ex11.55 data frame has 16 rows and 2 columns.

Usage

```
data(ex11.55)
```

Format

A data frame with 16 observations on the following 2 variables.

`Test.Run` a numeric vector

`Iron.Extraction` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.55)
str(ex11.55)
```

ex11.56 *R Data set: ex11.56*

Description

The ex11.56 data frame has 30 rows and 3 columns.

Usage

```
data(ex11.56)
```

Format

A data frame with 30 observations on the following 3 variables.

`C1` a numeric vector

`C2` a factor with levels `pH 3` `pH 5.5` `pH 7`

`C3` a factor with levels `Diseased` `Healthy`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.56)
str(ex11.56)
```

`ex11.57` *R Data set: ex11.57*

Description

The `ex11.57` data frame has 54 rows and 4 columns.

Usage

```
data(ex11.57)
```

Format

A data frame with 54 observations on the following 4 variables.

`Response` a numeric vector

`Pressure` a factor with levels `Pressure 103.4` `Pressure17.2` `Pressure34.4`

`Temp` a factor with levels `50 degrees` `75 degrees` `8 degrees`

`Fabric` a factor with levels `420-D` `630-D` `840-D`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.57)
str(ex11.57)
```

`ex11.59` *R Data set: ex11.59*

Description

The `ex11.59` data frame has 36 rows and 4 columns.

Usage

```
data(ex11.59)
```

Format

A data frame with 36 observations on the following 4 variables.

`Cure.Time.1` a numeric vector

`Adhesive.type` a factor with levels `Copper` `Nickel`

`Adhesive.factor` a numeric vector

`Cure.Time` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.59)
str(ex11.59)
```

ex11.61 *R Data set: ex11.61*

Description

The ex11.61 data frame has 25 rows and 5 columns.

Usage

```
data(ex11.61)
```

Format

A data frame with 25 observations on the following 5 variables.

`weight` a numeric vector

`volume` a factor with levels 1 2 3 4 5

`color` a factor with levels 1 2 3 4 5

`size` a factor with levels 1 2 3 4 5

`time` a factor with levels 1 2 3 4 5

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex11.61)
str(ex11.61)
```

ex12.01 *R Data set: ex12.01*

Description

The ex12.01 data frame has 24 rows and 2 columns.

Usage

```
data(ex12.01)
```

Format

A data frame with 24 observations on the following 2 variables.

Temp a numeric vector

Ratio a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.01)
str(ex12.01)
```

ex12.02 *R Data set: ex12.02*

Description

The ex12.02 data frame has 10 rows and 4 columns.

Usage

```
data(ex12.02)
```

Format

A data frame with 10 observations on the following 4 variables.

`Engine` a numeric vector

`Age` a numeric vector

`Baseline` a numeric vector

`Reformulated` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.02)
str(ex12.02)
```

`ex12.03` *R Data set: ex12.03*

Description

The `ex12.03` data frame has 20 rows and 2 columns.

Usage

```
data(ex12.03)
```

Format

A data frame with 20 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.03)
str(ex12.03)
```

`ex12.04` *R Data set: ex12.04*

Description

The `ex12.04` data frame has 14 rows and 2 columns.

Usage

```
data(ex12.04)
```

Format

A data frame with 14 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.04)
str(ex12.04)
```

ex12.05 *R Data set: ex12.05*

Description

The ex12.05 data frame has 7 rows and 2 columns.

Usage

```
data(ex12.05)
```

Format

A data frame with 7 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.05)
str(ex12.05)
```

ex12.13 *R Data set: ex12.13*

Description

The ex12.13 data frame has 4 rows and 2 columns.

Usage

```
data(ex12.13)
```

Format

A data frame with 4 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.13)
str(ex12.13)
```

`ex12.15` *R Data set: ex12.15*

Description

The `ex12.15` data frame has 27 rows and 2 columns.

Usage

```
data(ex12.15)
```

Format

A data frame with 27 observations on the following 2 variables.

`MoE` a numeric vector

`Strength` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.15)
str(ex12.15)
```

---

ex12.16 *R Data set: ex12.16*

Description

The ex12.16 data frame has 15 rows and 2 columns.

Usage

```
data(ex12.16)
```

Format

A data frame with 15 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.16)
str(ex12.16)
```

ex12.19 *R Data set: ex12.19*

Description

The ex12.19 data frame has 14 rows and 2 columns.

Usage

```
data(ex12.19)
```

Format

A data frame with 14 observations on the following 2 variables.

X a numeric vector

Y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.19)
str(ex12.19)
```

ex12.20 *R Data set: ex12.20*

Description

The ex12.20 data frame has 13 rows and 2 columns.

Usage

```
data(ex12.20)
```

Format

A data frame with 13 observations on the following 2 variables.

`X` a numeric vector

`Y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.20)
str(ex12.20)
```

`ex12.21` *R Data set: ex12.21*

Description

The `ex12.21` data frame has 10 rows and 2 columns.

Usage

```
data(ex12.21)
```

Format

A data frame with 10 observations on the following 2 variables.

`space` a numeric vector

`distance` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.21)
str(ex12.21)
```

---

ex12.24 *R Data set: ex12.24*

Description

The ex12.24 data frame has 6 rows and 2 columns.

Usage

```
data(ex12.24)
```

Format

A data frame with 6 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.24)
str(ex12.24)
```

---

ex12.29 *R Data set: ex12.29*

Description

The ex12.29 data frame has 18 rows and 3 columns.

Usage

```
data(ex12.29)
```

Format

A data frame with 18 observations on the following 3 variables.

x a numeric vector

y a numeric vector

Data.Set a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex12.29)
str(ex12.29)
```

---

ex12.35 *R Data set: ex12.35*

Description

The ex12.35 data frame has 10 rows and 2 columns.

Usage

```
data(ex12.35)
```

Format

A data frame with 10 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.35)
str(ex12.35)
```

`ex12.36` *R Data set: ex12.36*

Description

The `ex12.36` data frame has 7 rows and 2 columns.

Usage

```
data(ex12.36)
```

Format

A data frame with 7 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.36)
str(ex12.36)
```

`ex12.37` *R Data set: ex12.37*

Description

The `ex12.37` data frame has 10 rows and 2 columns.

Usage

```
data(ex12.37)
```

Format

A data frame with 10 observations on the following 2 variables.

`pressure` a numeric vector

`time` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.37)
str(ex12.37)
```

---

ex12.46 *R Data set: ex12.46*

Description

The ex12.46 data frame has 13 rows and 2 columns.

Usage

```
data(ex12.46)
```

Format

A data frame with 13 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.46)
str(ex12.46)
```

---

ex12.50 *R Data set: ex12.50*

Description

The ex12.50 data frame has 11 rows and 2 columns.

Usage

```
data(ex12.50)
```

Format

A data frame with 11 observations on the following 2 variables.

`field` a numeric vector

`time` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.50)
str(ex12.50)
```

`ex12.52` *R Data set: ex12.52*

Description

The `ex12.52` data frame has 9 rows and 2 columns.

Usage

```
data(ex12.52)
```

Format

A data frame with 9 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.52)
str(ex12.52)
```

`ex12.54` *R Data set: ex12.54*

Description

The `ex12.54` data frame has 14 rows and 2 columns.

Usage

```
data(ex12.54)
```

Format

A data frame with 14 observations on the following 2 variables.

`X` a numeric vector

`Y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.54)
str(ex12.54)
```

ex12.55 *R Data set: ex12.55*

Description

The ex12.55 data frame has 12 rows and 2 columns.

Usage

```
data(ex12.55)
```

Format

A data frame with 12 observations on the following 2 variables.

X a numeric vector

Y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.55)
str(ex12.55)
```

ex12.58 *R Data set: ex12.58*

Description

The ex12.58 data frame has 12 rows and 2 columns.

Usage

```
data(ex12.58)
```

Format

A data frame with 12 observations on the following 2 variables.

`TOST` a numeric vector

`RBOT` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.58)
str(ex12.58)
```

`ex12.59` *R Data set: ex12.59*

Description

The `ex12.59` data frame has 18 rows and 2 columns.

Usage

```
data(ex12.59)
```

Format

A data frame with 18 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.59)
str(ex12.59)
```

---

ex12.61 *R Data set: ex12.61*

Description

The ex12.61 data frame has 14 rows and 2 columns.

Usage

```
data(ex12.61)
```

Format

A data frame with 14 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.61)
str(ex12.61)
```

ex12.62 *R Data set: ex12.62*

Description

The ex12.62 data frame has 14 rows and 2 columns.

Usage

```
data(ex12.62)
```

Format

A data frame with 14 observations on the following 2 variables.

Col1 a numeric vector

Col2 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.62)
str(ex12.62)
```

ex12.63 *R Data set: ex12.63*

Description

The ex12.63 data frame has 6 rows and 2 columns.

Usage

```
data(ex12.63)
```

Format

A data frame with 6 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.63)
str(ex12.63)
```

---

ex12.65 *R Data set: ex12.65*

Description

The `ex12.65` data frame has 10 rows and 2 columns.

Usage

```
data(ex12.65)
```

Format

A data frame with 10 observations on the following 2 variables.

`X` a numeric vector

`Y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.65)
str(ex12.65)
```

---

ex12.68 *R Data set: ex12.68*

Description

The ex12.68 data frame has 8 rows and 2 columns.

Usage

```
data(ex12.68)
```

Format

A data frame with 8 observations on the following 2 variables.

RDF a numeric vector

eff a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex12.68)
str(ex12.68)
```

ex12.69 *R Data set: ex12.69*

Description

The ex12.69 data frame has 13 rows and 2 columns.

Usage

```
data(ex12.69)
```

Format

A data frame with 13 observations on the following 2 variables.

drain.wt a numeric vector

Cl.trace a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex12.69)
str(ex12.69)
```

ex12.71 *R Data set: ex12.71*

Description

The ex12.71 data frame has 17 rows and 2 columns.

Usage

```
data(ex12.71)
```

Format

A data frame with 17 observations on the following 2 variables.

`X` a numeric vector

`Y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex12.71)
str(ex12.71)
```

`ex12.72` *R Data set: ex12.72*

Description

The `ex12.72` data frame has 9 rows and 2 columns.

Usage

```
data(ex12.72)
```

Format

A data frame with 9 observations on the following 2 variables.

`CO` a numeric vector

`NO3` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex12.72)
str(ex12.72)
```

---

ex12.73 *R Data set: ex12.73*

Description

The ex12.73 data frame has 9 rows and 2 columns.

Usage

```
data(ex12.73)
```

Format

A data frame with 9 observations on the following 2 variables.

X a numeric vector

Y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.73)
str(ex12.73)
```

ex12.75 *R Data set: ex12.75*

Description

The ex12.75 data frame has 9 rows and 2 columns.

Usage

```
data(ex12.75)
```

Format

A data frame with 9 observations on the following 2 variables.

X a numeric vector

Y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.75)
str(ex12.75)
```

ex12.82 *R Data set: ex12.82*

Description

The ex12.82 data frame has 33 rows and 2 columns.

Usage

```
data(ex12.82)
```

Format

A data frame with 33 observations on the following 2 variables.

`temp` a numeric vector

`removal` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.82)
str(ex12.82)
```

`ex12.83` *R Data set: ex12.83*

Description

The `ex12.83` data frame has 24 rows and 2 columns.

Usage

```
data(ex12.83)
```

Format

A data frame with 24 observations on the following 2 variables.

`time` a numeric vector

`bloodgluc` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.83)
str(ex12.83)
```

---

ex12.84 *R Data set: ex12.84*

Description

The ex12.84 data frame has 20 rows and 2 columns.

Usage

```
data(ex12.84)
```

Format

A data frame with 20 observations on the following 2 variables.

HW a numeric vector

BOD a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex12.84)
str(ex12.84)
```

---

ex13.02 *R Data set: ex13.02*

Description

The ex13.02 data frame has 9 rows and 2 columns.

Usage

```
data(ex13.02)
```

Format

A data frame with 9 observations on the following 2 variables.

x a numeric vector

e a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.02)
str(ex13.02)
```

---

ex13.04 *R Data set: ex13.04*

Description

The ex13.04 data frame has 10 rows and 2 columns.

Usage

```
data(ex13.04)
```

Format

A data frame with 10 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.04)
str(ex13.04)
```

`ex13.05` *R Data set: ex13.05*

Description

The `ex13.05` data frame has 33 rows and 2 columns.

Usage

```
data(ex13.05)
```

Format

A data frame with 33 observations on the following 2 variables.

`time` a numeric vector

`icethick` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.05)
str(ex13.05)
```

`ex13.06` *R Data set: ex13.06*

Description

The `ex13.06` data frame has 6 rows and 2 columns.

Usage

```
data(ex13.06)
```

Format

A data frame with 6 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.06)
str(ex13.06)
```

ex13.07 *R Data set: ex13.07*

Description

The ex13.07 data frame has 5 rows and 2 columns.

Usage

```
data(ex13.07)
```

Format

A data frame with 5 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.07)
str(ex13.07)
```

ex13.08 *R Data set: ex13.08*

Description

The ex13.08 data frame has 15 rows and 2 columns.

Usage

```
data(ex13.08)
```

Format

A data frame with 15 observations on the following 2 variables.

`HR` a numeric vector

`VO2` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.08)
str(ex13.08)
```

`ex13.09` *R Data set: ex13.09*

Description

The `ex13.09` data frame has 44 rows and 3 columns.

Usage

```
data(ex13.09)
```

Format

A data frame with 44 observations on the following 3 variables.

`x` a numeric vector

`y` a numeric vector

`set` a factor with levels `a` `b` `c` `d`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.09)
str(ex13.09)
```

---

ex13.09a *R Data set: ex13.09a*

Description

The ex13.09a data frame has 11 rows and 2 columns.

Usage

```
data(ex13.09a)
```

Format

A data frame with 11 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.09a)
str(ex13.09a)
```

ex13.09b *R Data set: ex13.09b*

Description

The ex13.09b data frame has 11 rows and 2 columns.

Usage

```
data(ex13.09b)
```

Format

A data frame with 11 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.09b)
str(ex13.09b)
```

ex13.09c *R Data set: ex13.09c*

Description

The ex13.09c data frame has 11 rows and 2 columns.

Usage

```
data(ex13.09c)
```

Format

A data frame with 11 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.09c)
str(ex13.09c)
```

`ex13.09d` *R Data set: ex13.09d*

Description

The `ex13.09d` data frame has 11 rows and 2 columns.

Usage

```
data(ex13.09d)
```

Format

A data frame with 11 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.09d)
str(ex13.09d)
```

---

ex13.14 *R Data set: ex13.14*

Description

The ex13.14 data frame has 14 rows and 2 columns.

Usage

```
data(ex13.14)
```

Format

A data frame with 14 observations on the following 2 variables.

Col1 a numeric vector

Col2 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.14)
str(ex13.14)
```

ex13.15 *R Data set: ex13.15*

Description

The ex13.15 data frame has 8 rows and 2 columns.

Usage

```
data(ex13.15)
```

Format

A data frame with 8 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.15)
str(ex13.15)
```

ex13.16 *R Data set: ex13.16*

Description

The ex13.16 data frame has 12 rows and 2 columns.

Usage

```
data(ex13.16)
```

Format

A data frame with 12 observations on the following 2 variables.

`Spectral.Index` a numeric vector

`ln.L178` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.16)
str(ex13.16)
```

`ex13.17` *R Data set: ex13.17*

Description

The `ex13.17` data frame has 13 rows and 2 columns.

Usage

```
data(ex13.17)
```

Format

A data frame with 13 observations on the following 2 variables.

`MassRate` a numeric vector

`FlameLen` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.17)
str(ex13.17)
```

`ex13.18` *R Data set: ex13.18*

Description

The `ex13.18` data frame has 19 rows and 2 columns.

Usage

```
data(ex13.18)
```

Format

A data frame with 19 observations on the following 2 variables.

`Cycfail` a numeric vector

`Strampl` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.18)
str(ex13.18)
```

ex13.19 *R Data set: ex13.19*

Description

The ex13.19 data frame has 18 rows and 2 columns.

Usage

```
data(ex13.19)
```

Format

A data frame with 18 observations on the following 2 variables.

Temp a numeric vector

Lifetime a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.19)
str(ex13.19)
```

ex13.21 *R Data set: ex13.21*

Description

The ex13.21 data frame has 8 rows and 2 columns.

Usage

```
data(ex13.21)
```

Format

A data frame with 8 observations on the following 2 variables.

`thicknss` a numeric vector

`conduct` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.21)
str(ex13.21)
```

`ex13.24` *R Data set: ex13.24*

Description

The `ex13.24` data frame has 22 rows and 2 columns.

Usage

```
data(ex13.24)
```

Format

A data frame with 22 observations on the following 2 variables.

`Kyphosis` a numeric vector

`No.kyphosis` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.24)
str(ex13.24)
```

`ex13.25` *R Data set: ex13.25*

Description

The `ex13.25` data frame has 14 rows and 2 columns.

Usage

```
data(ex13.25)
```

Format

A data frame with 14 observations on the following 2 variables.

`Success` a numeric vector

`Failure` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.25)
str(ex13.25)
```

ex13.27 *R Data set: ex13.27*

Description

The ex13.27 data frame has 8 rows and 2 columns.

Usage

```
data(ex13.27)
```

Format

A data frame with 8 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.27)
str(ex13.27)
```

ex13.29 *R Data set: ex13.29*

Description

The ex13.29 data frame has 5 rows and 2 columns.

Usage

```
data(ex13.29)
```

Format

A data frame with 5 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.29)
str(ex13.29)
```

`ex13.30` *R Data set: ex13.30*

Description

The `ex13.30` data frame has 14 rows and 2 columns.

Usage

```
data(ex13.30)
```

Format

A data frame with 14 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.30)
str(ex13.30)
```

---

ex13.31 *R Data set: ex13.31*

Description

The ex13.31 data frame has 7 rows and 2 columns.

Usage

```
data(ex13.31)
```

Format

A data frame with 7 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.31)
str(ex13.31)
```

ex13.32 *R Data set: ex13.32*

Description

The ex13.32 data frame has 16 rows and 2 columns.

Usage

```
data(ex13.32)
```

Format

A data frame with 16 observations on the following 2 variables.

X a numeric vector

Y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.32)
str(ex13.32)
```

ex13.33 *R Data set: ex13.33*

Description

The ex13.33 data frame has 7 rows and 2 columns.

Usage

```
data(ex13.33)
```

Format

A data frame with 7 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.33)
str(ex13.33)
```

`ex13.34` *R Data set: ex13.34*

Description

The `ex13.34` data frame has 13 rows and 2 columns.

Usage

```
data(ex13.34)
```

Format

A data frame with 13 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.34)
str(ex13.34)
```

---

ex13.35 *R Data set: ex13.35*

Description

The ex13.35 data frame has 5 rows and 2 columns.

Usage

```
data(ex13.35)
```

Format

A data frame with 5 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.35)
str(ex13.35)
```

ex13.47 *R Data set: ex13.47*

Description

The ex13.47 data frame has 30 rows and 6 columns.

Usage

```
data(ex13.47)
```

Format

A data frame with 30 observations on the following 6 variables.

Row a numeric vector

Plastics a numeric vector

Paper a numeric vector

Garbage a numeric vector

Water a numeric vector

Energy.content a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.47)
str(ex13.47)
```

ex13.48 *R Data set: ex13.48*

Description

The ex13.48 data frame has 15 rows and 4 columns.

Usage

```
data(ex13.48)
```

Format

A data frame with 15 observations on the following 4 variables.

x1 a numeric vector

x2 a numeric vector

x3 a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.48)
str(ex13.48)
```

ex13.49 *R Data set: ex13.49*

Description

The ex13.49 data frame has 12 rows and 3 columns.

Usage

```
data(ex13.49)
```

Format

A data frame with 12 observations on the following 3 variables.

`x1` a numeric vector

`x2` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.49)
str(ex13.49)
```

`ex13.50` *R Data set: ex13.50*

Description

The `ex13.50` data frame has 14 rows and 3 columns.

Usage

```
data(ex13.50)
```

Format

A data frame with 14 observations on the following 3 variables.

`y` a numeric vector

`x1` a numeric vector

`x2` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.50)
str(ex13.50)
```

`ex13.51` *R Data set: ex13.51*

Description

The `ex13.51` data frame has 14 rows and 3 columns.

Usage

```
data(ex13.51)
```

Format

A data frame with 14 observations on the following 3 variables.

`shear` a numeric vector

`depth` a numeric vector

`water` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.51)
str(ex13.51)
```

ex13.52 *R Data set: ex13.52*

Description

The ex13.52 data frame has 20 rows and 4 columns.

Usage

```
data(ex13.52)
```

Format

A data frame with 20 observations on the following 4 variables.

`Linoleic` a numeric vector

`Kerosene` a numeric vector

`Antiox` a numeric vector

`Betacaro` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.52)
str(ex13.52)
```

ex13.53 *R Data set: ex13.53*

Description

The ex13.53 data frame has 17 rows and 3 columns.

Usage

```
data(ex13.53)
```

Format

A data frame with 17 observations on the following 3 variables.

`x1` a numeric vector

`x2` a numeric vector

`filth` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.53)
str(ex13.53)
```

`ex13.54` *R Data set: ex13.54*

Description

The `ex13.54` data frame has 31 rows and 5 columns.

Usage

```
data(ex13.54)
```

Format

A data frame with 31 observations on the following 5 variables.

`Bright` a numeric vector

`H2O2` a numeric vector

`NaOH` a numeric vector

`Silicate` a numeric vector

`Tempture` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.54)
str(ex13.54)
```

`ex13.55` *R Data set: ex13.55*

Description

The `ex13.55` data frame has 10 rows and 3 columns.

Usage

```
data(ex13.55)
```

Format

A data frame with 10 observations on the following 3 variables.

`q` a numeric vector

`a` a numeric vector

`b` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.55)
str(ex13.55)
```

ex13.64 *R Data set: ex13.64*

Description

The ex13.64 data frame has 16 rows and 2 columns.

Usage

```
data(ex13.64)
```

Format

A data frame with 16 observations on the following 2 variables.

Log.edges a numeric vector

Log.time a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.64)
str(ex13.64)
```

ex13.65 *R Data set: ex13.65*

Description

The ex13.65 data frame has 18 rows and 2 columns.

Usage

```
data(ex13.65)
```

Format

A data frame with 18 observations on the following 2 variables.

`Pressure` a numeric vector

`Temperature` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.65)
str(ex13.65)
```

`ex13.66` *R Data set: ex13.66*

Description

The `ex13.66` data frame has 9 rows and 3 columns.

Usage

```
data(ex13.66)
```

Format

A data frame with 9 observations on the following 3 variables.

`x1.in` a numeric vector

`x2.in` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.66)
str(ex13.66)
```

`ex13.67` *R Data set: ex13.67*

Description

The `ex13.67` data frame has 32 rows and 7 columns.

Usage

```
data(ex13.67)
```

Format

A data frame with 32 observations on the following 7 variables.

`Obs` a numeric vector

`pdconc` a numeric vector

`niconc` a numeric vector

`pH` a numeric vector

`temp` a numeric vector

`currdens` a numeric vector

`pallcont` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.67)
str(ex13.67)
```

ex13.68 *R Data set: ex13.68*

Description

The ex13.68 data frame has 16 rows and 2 columns.

Usage

```
data(ex13.68)
```

Format

A data frame with 16 observations on the following 2 variables.

Log.edges a numeric vector

Log.time a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.68)
str(ex13.68)
```

ex13.69 *R Data set: ex13.69*

Description

The ex13.69 data frame has 8 rows and 2 columns.

Usage

```
data(ex13.69)
```

Format

A data frame with 8 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.69)
str(ex13.69)
```

`ex13.70` *R Data set: ex13.70*

Description

The `ex13.70` data frame has 9 rows and 3 columns.

Usage

```
data(ex13.70)
```

Format

A data frame with 9 observations on the following 3 variables.

`x1` a numeric vector

`x2` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.70)
str(ex13.70)
```

---

ex13.71 *R Data set: ex13.71*

Description

The ex13.71 data frame has 10 rows and 2 columns.

Usage

```
data(ex13.71)
```

Format

A data frame with 10 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.71)
str(ex13.71)
```

---

ex13.72 *R Data set: ex13.72*

Description

The ex13.72 data frame has 9 rows and 3 columns.

Usage

```
data(ex13.72)
```

Format

A data frame with 9 observations on the following 3 variables.

x1 a numeric vector

x2 a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.72)
str(ex13.72)
```

---

ex13.73 *R Data set: ex13.73*

Description

The ex13.73 data frame has 8 rows and 2 columns.

Usage

```
data(ex13.73)
```

Format

A data frame with 8 observations on the following 2 variables.

`power` a numeric vector

`freq` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.73)
str(ex13.73)
```

`ex13.74` *R Data set: ex13.74*

Description

The `ex13.74` data frame has 12 rows and 2 columns.

Usage

```
data(ex13.74)
```

Format

A data frame with 12 observations on the following 2 variables.

`log.con` a numeric vector

`Li2O` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex13.74)
str(ex13.74)
```

---

ex13.75 *R Data set: ex13.75*

Description

The ex13.75 data frame has 10 rows and 2 columns.

Usage

```
data(ex13.75)
```

Format

A data frame with 10 observations on the following 2 variables.

height a numeric vector

log.Mn a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.75)
str(ex13.75)
```

ex13.76 *R Data set: ex13.76*

Description

The ex13.76 data frame has 9 rows and 3 columns.

Usage

```
data(ex13.76)
```

Format

A data frame with 9 observations on the following 3 variables.

x1 a numeric vector

x2 a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex13.76)
str(ex13.76)
```

ex14.09 *R Data set: ex14.09*

Description

The ex14.09 data frame has 40 rows and 1 column.

Usage

```
data(ex14.09)
```

Format

A data frame with 40 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.09)
str(ex14.09)
```

`ex14.11` *R Data set: ex14.11*

Description

The `ex14.11` data frame has 45 rows and 1 column.

Usage

```
data(ex14.11)
```

Format

A data frame with 45 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.11)
str(ex14.11)
```

ex14.12 *R Data set: ex14.12*

Description

The ex14.12 data frame has 4 rows and 2 columns.

Usage

```
data(ex14.12)
```

Format

A data frame with 4 observations on the following 2 variables.

`male.children` a numeric vector

`Frequency` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.12)
str(ex14.12)
```

ex14.13 *R Data set: ex14.13*

Description

The ex14.13 data frame has 3 rows and 2 columns.

Usage

```
data(ex14.13)
```

Format

A data frame with 3 observations on the following 2 variables.

`ovaries.developed` a numeric vector

`Observed.count` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.13)
str(ex14.13)
```

`ex14.14` *R Data set: ex14.14*

Description

The `ex14.14` data frame has 12 rows and 2 columns.

Usage

```
data(ex14.14)
```

Format

A data frame with 12 observations on the following 2 variables.

`x` a numeric vector

`observed` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.14)
str(ex14.14)
```

---

ex14.15 *R Data set: ex14.15*

Description

The ex14.15 data frame has 5 rows and 2 columns.

Usage

```
data(ex14.15)
```

Format

A data frame with 5 observations on the following 2 variables.

`Number.defective` a numeric vector

`Frequency` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.15)
str(ex14.15)
```

ex14.16 *R Data set: ex14.16*

Description

The ex14.16 data frame has 10 rows and 2 columns.

Usage

```
data(ex14.16)
```

Format

A data frame with 10 observations on the following 2 variables.

`Number.exchanges` a numeric vector

`Observed.counts` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.16)
str(ex14.16)
```

ex14.17 *R Data set: ex14.17*

Description

The ex14.17 data frame has 13 rows and 2 columns.

Usage

```
data(ex14.17)
```

Format

A data frame with 13 observations on the following 2 variables.

`Number` a numeric vector

`Frequency` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.17)
str(ex14.17)
```

`ex14.18` *R Data set: ex14.18*

Description

The `ex14.18` data frame has 5 rows and 2 columns.

Usage

```
data(ex14.18)
```

Format

A data frame with 5 observations on the following 2 variables.

`Rate.per.day` a factor with levels `<100` `.100-below` `.150` `.150-below` `.200` `.200-below` `.250` `.250 or more`

`Frequency` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.18)
str(ex14.18)
```

`ex14.20` *R Data set: ex14.20*

Description

The `ex14.20` data frame has 23 rows and 1 column.

Usage

```
data(ex14.20)
```

Format

A data frame with 23 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex14.20)
str(ex14.20)
```

ex14.21 *R Data set: ex14.21*

Description

The ex14.21 data frame has 24 rows and 1 column.

Usage

```
data(ex14.21)
```

Format

A data frame with 24 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex14.21)
str(ex14.21)
```

ex14.22 *R Data set: ex14.22*

Description

The ex14.22 data frame has 25 rows and 1 column.

Usage

```
data(ex14.22)
```

Format

A data frame with 25 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex14.22)
str(ex14.22)
```

`ex14.23` *R Data set: ex14.23*

Description

The `ex14.23` data frame has 30 rows and 1 column.

Usage

```
data(ex14.23)
```

Format

A data frame with 30 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex14.23)
str(ex14.23)
```

ex14.26 *R Data set: ex14.26*

Description

The ex14.26 data frame has 7 rows and 3 columns.

Usage

```
data(ex14.26)
```

Format

A data frame with 7 observations on the following 3 variables.

C1 a factor with levels C1 Control Eight leaves removed Four leaves removed Six leaves removed Treatment Two leaves removed

C2 a factor with levels 141 20 24 25 28 C2 Matured

C3 a factor with levels 206 69 73 78 82 Aborted C3

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.26)
str(ex14.26)
```

ex14.27 *R Data set: ex14.27*

Description

The ex14.27 data frame has 2 rows and 5 columns.

Usage

```
data(ex14.27)
```

Format

A data frame with 2 observations on the following 5 variables.

`C1` a factor with levels `Men` `Women`

`L.R` a numeric vector

`L.R.1` a numeric vector

`L.R.2` a numeric vector

`Sample.size` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.27)
str(ex14.27)
```

`ex14.28` *R Data set: ex14.28*

Description

The `ex14.28` data frame has 4 rows and 5 columns.

Usage

```
data(ex14.28)
```

Format

A data frame with 4 observations on the following 5 variables.

`Trreatment` a factor with levels `Sham` `Solvent` `Thienylalanine` `Unhandled`

`No.response` a numeric vector

`Wild.running` a numeric vector

`Clonic.seizure` a numeric vector

`Tonic.seizure` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.28)
str(ex14.28)
```

---

ex14.29 *R Data set: ex14.29*

Description

The ex14.29 data frame has 6 rows and 4 columns.

Usage

```
data(ex14.29)
```

Format

A data frame with 6 observations on the following 4 variables.

Male.genotype a numeric vector

M.M a numeric vector

M.F a numeric vector

F.F a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex14.29)
str(ex14.29)
```

ex14.30 *R Data set: ex14.30*

Description

The ex14.30 data frame has 4 rows and 5 columns.

Usage

```
data(ex14.30)
```

Format

A data frame with 4 observations on the following 5 variables.

C1 a factor with levels 1 2 3 Configuration

C2 a numeric vector

C3 a numeric vector

C4 a numeric vector

C5 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex14.30)
str(ex14.30)
```

ex14.31 *R Data set: ex14.31*

Description

The ex14.31 data frame has 12 rows and 3 columns.

Usage

```
data(ex14.31)
```

Format

A data frame with 12 observations on the following 3 variables.

count a numeric vector

Size a factor with levels Compact Fullsize Midsize Subcompact

dist a factor with levels 0-<10 10-<20 >=20

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex14.31)
str(ex14.31)
```

ex14.32 *R Data set: ex14.32*

Description

The ex14.32 data frame has 3 rows and 3 columns.

Usage

```
data(ex14.32)
```

Format

A data frame with 3 observations on the following 3 variables.

`Liberal` a numeric vector

`Consrvtv` a numeric vector

`Other` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.32)
str(ex14.32)
```

`ex14.38` *R Data set: ex14.38*

Description

The `ex14.38` data frame has 3 rows and 3 columns.

Usage

```
data(ex14.38)
```

Format

A data frame with 3 observations on the following 3 variables.

`Treatment` a factor with levels `Control` `New oil` `Old oil`

`Parasitized` a numeric vector

`Nonparasitized` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.38)
str(ex14.38)
```

`ex14.40` *R Data set: ex14.40*

Description

The `ex14.40` data frame has 6 rows and 3 columns.

Usage

```
data(ex14.40)
```

Format

A data frame with 6 observations on the following 3 variables.

`C1` a factor with levels `Baseball` `Basketball` `C1` `Football` `Hockey` `Sport`

`C2` a factor with levels `150` `65` `72` `86` `C2` `Leader` `Wins`

`C3` a factor with levels `15` `21` `39` `6` `C3` `Leader` `Loses`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex14.40)
str(ex14.40)
```

---

ex14.41 *R Data set: ex14.41*

Description

The ex14.41 data frame has 3 rows and 3 columns.

Usage

```
data(ex14.41)
```

Format

A data frame with 3 observations on the following 3 variables.

`Never` a numeric vector

`Occasion` a numeric vector

`Regular` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex14.41)
str(ex14.41)
```

---

ex14.42 *R Data set: ex14.42*

Description

The ex14.42 data frame has 4 rows and 4 columns.

Usage

```
data(ex14.42)
```

Format

A data frame with 4 observations on the following 4 variables.

`Age` a factor with levels `15-54` `55-64` `65-74` `Over 74`

`Home` a numeric vector

`Acute` a numeric vector

`Chronic` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex14.42)
str(ex14.42)
```

`ex14.44` *R Data set: ex14.44*

Description

The `ex14.44` data frame has 4 rows and 6 columns.

Usage

```
data(ex14.44)
```

Format

A data frame with 4 observations on the following 6 variables.

`C1` a factor with levels `Age` `C1` `Number in Sample` `Number who want item` `pricing`

`C2` a factor with levels `127` `150` `<30` `C2`

`C3` a factor with levels `118` `141` `30-39` `C3`

`C4` a factor with levels `40-49` `77` `82` `C4`

`C5` a factor with levels `50-59` `61` `63` `C5`

`C6` a factor with levels `41` `49` `>60` `C6`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex14.44)
str(ex14.44)
```

`ex15.01` *R Data set: ex15.01*

Description

The `ex15.01` data frame has 12 rows and 1 column.

Usage

```
data(ex15.01)
```

Format

A data frame with 12 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.01)
str(ex15.01)
```

ex15.03 *R Data set: ex15.03*

Description

The ex15.03 data frame has 14 rows and 1 column.

Usage

```
data(ex15.03)
```

Format

A data frame with 14 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.03)
str(ex15.03)
```

ex15.04 *R Data set: ex15.04*

Description

The ex15.04 data frame has 15 rows and 1 column.

Usage

```
data(ex15.04)
```

Format

A data frame with 15 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.04)
str(ex15.04)
```

`ex15.05` *R Data set: ex15.05*

Description

The `ex15.05` data frame has 12 rows and 3 columns.

Usage

```
data(ex15.05)
```

Format

A data frame with 12 observations on the following 3 variables.

`Sample` a numeric vector

`Gravimetric` a numeric vector

`Spectrophotometric` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.05)
str(ex15.05)
```

ex15.08 *R Data set: ex15.08*

Description

The ex15.08 data frame has 25 rows and 1 column.

Usage

```
data(ex15.08)
```

Format

A data frame with 25 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.08)
str(ex15.08)
```

ex15.10 *R Data set: ex15.10*

Description

The ex15.10 data frame has 5 rows and 2 columns.

Usage

```
data(ex15.10)
```

Format

A data frame with 5 observations on the following 2 variables.

adhesv.1 a numeric vector

adhesv.2 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.10)
str(ex15.10)
```

---

ex15.11 *R Data set: ex15.11*

Description

The ex15.11 data frame has 8 rows and 2 columns.

Usage

```
data(ex15.11)
```

Format

A data frame with 8 observations on the following 2 variables.

Oak a numeric vector

Pine a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.11)
str(ex15.11)
```

ex15.12 *R Data set: ex15.12*

Description

The ex15.12 data frame has 8 rows and 2 columns.

Usage

```
data(ex15.12)
```

Format

A data frame with 8 observations on the following 2 variables.

`Original.process` a numeric vector

`Modified.process` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.12)
str(ex15.12)
```

ex15.13 *R Data set: ex15.13*

Description

The ex15.13 data frame has 10 rows and 2 columns.

Usage

```
data(ex15.13)
```

Format

A data frame with 10 observations on the following 2 variables.

`Orange.juice` a numeric vector

`Ascorbic.acid` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex15.13)
str(ex15.13)
```

`ex15.14` *R Data set: ex15.14*

Description

The `ex15.14` data frame has 10 rows and 2 columns.

Usage

```
data(ex15.14)
```

Format

A data frame with 10 observations on the following 2 variables.

`Orange.juice` a numeric vector

`Ascorbic.acid` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.14)
str(ex15.14)
```

`ex15.15` *R Data set: ex15.15*

Description

The `ex15.15` data frame has 8 rows and 2 columns.

Usage

```
data(ex15.15)
```

Format

A data frame with 8 observations on the following 2 variables.

`Unexposed` a numeric vector

`Exposed` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.15)
str(ex15.15)
```

ex15.23 *R Data set: ex15.23*

Description

The ex15.23 data frame has 5 rows and 4 columns.

Usage

```
data(ex15.23)
```

Format

A data frame with 5 observations on the following 4 variables.

Region.1 a numeric vector

Region.2 a numeric vector

Region.3 a numeric vector

Region.4 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.23)
str(ex15.23)
```

ex15.24 *R Data set: ex15.24*

Description

The ex15.24 data frame has 9 rows and 4 columns.

Usage

```
data(ex15.24)
```

Format

A data frame with 9 observations on the following 4 variables.

`fasting` a numeric vector

`X23.protein` a numeric vector

`X32.protein` a numeric vector

`X67.protein` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.24)
str(ex15.24)
```

`ex15.25` *R Data set: ex15.25*

Description

The `ex15.25` data frame has 10 rows and 3 columns.

Usage

```
data(ex15.25)
```

Format

A data frame with 10 observations on the following 3 variables.

`Group.1` a numeric vector

`Group.2` a numeric vector

`Group.3` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.25)
str(ex15.25)
```

`ex15.26` *R Data set: ex15.26*

Description

The `ex15.26` data frame has 10 rows and 5 columns.

Usage

```
data(ex15.26)
```

Format

A data frame with 10 observations on the following 5 variables.

`Blocks` a numeric vector

`A` a numeric vector

`B` a numeric vector

`C` a numeric vector

`D` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.26)
str(ex15.26)
```

ex15.27 *R Data set: ex15.27*

Description

The ex15.27 data frame has 10 rows and 4 columns.

Usage

```
data(ex15.27)
```

Format

A data frame with 10 observations on the following 4 variables.

`Dog` a numeric vector

`Isoflurane` a numeric vector

`Halothane` a numeric vector

`Cyclopropane` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.27)
str(ex15.27)
```

ex15.28 *R Data set: ex15.28*

Description

The ex15.28 data frame has 8 rows and 3 columns.

Usage

```
data(ex15.28)
```

Format

A data frame with 8 observations on the following 3 variables.

`Subject` a numeric vector

`Potato` a numeric vector

`Rice` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.28)
str(ex15.28)
```

`ex15.29` *R Data set: ex15.29*

Description

The `ex15.29` data frame has 10 rows and 4 columns.

Usage

```
data(ex15.29)
```

Format

A data frame with 10 observations on the following 4 variables.

`C1` a numeric vector

`C2` a numeric vector

`C3` a numeric vector

`C4` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.29)
str(ex15.29)
```

`ex15.30` *R Data set: ex15.30*

Description

The `ex15.30` data frame has 5 rows and 4 columns.

Usage

```
data(ex15.30)
```

Format

A data frame with 5 observations on the following 4 variables.

`Treatment.I` a numeric vector

`Treatment.II` a numeric vector

`Treatment.III` a numeric vector

`Treatment.IV` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.30)
str(ex15.30)
```

ex15.32 *R Data set: ex15.32*

Description

The ex15.32 data frame has 7 rows and 2 columns.

Usage

```
data(ex15.32)
```

Format

A data frame with 7 observations on the following 2 variables.

`Lateral` a numeric vector

`Diagonal` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.32)
str(ex15.32)
```

ex15.33 *R Data set: ex15.33*

Description

The ex15.33 data frame has 20 rows and 1 column.

Usage

```
data(ex15.33)
```

Format

A data frame with 20 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex15.33)
str(ex15.33)
```

`ex15.35` *R Data set: ex15.35*

Description

The `ex15.35` data frame has 5 rows and 2 columns.

Usage

```
data(ex15.35)
```

Format

A data frame with 5 observations on the following 2 variables.

`SIDS` a numeric vector

`Control` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(ex15.35)
str(ex15.35)
```

---

ex16.06 *R Data set: ex16.06*

Description

The ex16.06 data frame has 22 rows and 5 columns.

Usage

```
data(ex16.06)
```

Format

A data frame with 22 observations on the following 5 variables.

Obs.1 a numeric vector

Obs.2 a numeric vector

Obs.3 a numeric vector

Obs.4 a numeric vector

Obs.5 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex16.06)
str(ex16.06)
```

ex16.09 *R Data set: ex16.09*

Description

The ex16.09 data frame has 24 rows and 2 columns.

Usage

```
data(ex16.09)
```

Format

A data frame with 24 observations on the following 2 variables.

xbar a numeric vector

stderr a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex16.09)
str(ex16.09)
```

ex16.14 *R Data set: ex16.14*

Description

The ex16.14 data frame has 24 rows and 1 column.

Usage

```
data(ex16.14)
```

Format

A data frame with 24 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex16.14)
str(ex16.14)
```

---

ex16.25 *R Data set: ex16.25*

Description

The `ex16.25` data frame has 22 rows and 3 columns.

Usage

```
data(ex16.25)
```

Format

A data frame with 22 observations on the following 3 variables.

`C1` a factor with levels `1` `10` `11` `12` `13` `14` `15` `16` `17` `18` `19` `2` `20` `3` `4` `5` `6` `7` `8` `9` `C1 Panel`

`C2` a factor with levels `0.6` `0.8` `1` `Area Examined C2`

`C3` a factor with levels `1` `10` `12` `2` `3` `4` `5` `6` `# Blemishes C3`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex16.25)
str(ex16.25)
```

---

ex16.41 *R Data set: ex16.41*

Description

The ex16.41 data frame has 22 rows and 3 columns.

Usage

```
data(ex16.41)
```

Format

A data frame with 22 observations on the following 3 variables.

C1 a numeric vector

C2 a numeric vector

C3 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex16.41)
str(ex16.41)
```

---

ex16.43 *R Data set: ex16.43*

Description

The ex16.43 data frame has 20 rows and 3 columns.

Usage

```
data(ex16.43)
```

Format

A data frame with 20 observations on the following 3 variables.

Col1 a numeric vector

Col2 a numeric vector

Col3 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(ex16.43)
str(ex16.43)
```

---

xmp01.01 *R Data set: xmp01.01*

Description

The xmp01.01 data frame has 36 rows and 1 column.

Usage

```
data(xmp01.01)
```

Format

A data frame with 36 observations on the following variable.

`temp` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp01.01)
str(xmp01.01)
```

`xmp01.02` *R Data set: xmp01.02*

Description

The `xmp01.02` data frame has 27 rows and 1 column.

Usage

```
data(xmp01.02)
```

Format

A data frame with 27 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp01.02)
str(xmp01.02)
```

`xmp01.05` *R Data set: xmp01.05*

Description

The `xmp01.05` data frame has 140 rows and 1 column.

Usage

```
data(xmp01.05)
```

Format

A data frame with 140 observations on the following variable.

`bingePct` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(xmp01.05)
str(xmp01.05)
```

xmp01.06 *R Data set: xmp01.06*

Description

The xmp01.06 data frame has 40 rows and 1 column.

Usage

```
data(xmp01.06)
```

Format

A data frame with 40 observations on the following variable.

yardage a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp01.06)
str(xmp01.06)
```

xmp01.08 *R Data set: xmp01.08*

Description

a data set

Usage

```
data(xmp01.08)
```

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp01.08)
str(xmp01.08)
```

`xmp01.09` *R Data set: xmp01.09*

Description

The `xmp01.09` data frame has 90 rows and 1 column.

Usage

```
data(xmp01.09)
```

Format

A data frame with 90 observations on the following variable.

`consump` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp01.09)
str(xmp01.09)
```

xmp01.10 *R Data set: xmp01.10*

Description

The xmp01.10 data frame has 48 rows and 1 column.

Usage

```
data(xmp01.10)
```

Format

A data frame with 48 observations on the following variable.

strength a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp01.10)
str(xmp01.10)
```

xmp01.11 *R Data set: xmp01.11*

Description

The xmp01.11 data frame has 48 rows and 1 column.

Usage

```
data(xmp01.11)
```

Format

A data frame with 48 observations on the following variable.

strength a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp01.11)
str(xmp01.11)
```

`xmp01.12` *R Data set: xmp01.12*

Description

The `xmp01.12` data frame has 21 rows and 1 column.

Usage

```
data(xmp01.12)
```

Format

A data frame with 21 observations on the following variable.

`crackLength` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp01.12)
str(xmp01.12)
```

xmp01.13 *R Data set: xmp01.13*

Description

The xmp01.13 data frame has 12 rows and 1 column.

Usage

```
data(xmp01.13)
```

Format

A data frame with 12 observations on the following variable.

concentration a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp01.13)
str(xmp01.13)
```

xmp01.14 *R Data set: xmp01.14*

Description

The xmp01.14 data frame has 24 rows and 1 column.

Usage

```
data(xmp01.14)
```

Format

A data frame with 24 observations on the following variable.

copper a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp01.14)
str(xmp01.14)
```

`xmp01.15` *R Data set: xmp01.15*

Description

The `xmp01.15` data frame has 11 rows and 1 column.

Usage

```
data(xmp01.15)
```

Format

A data frame with 11 observations on the following variable.

`Strength` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp01.15)
str(xmp01.15)
```

xmp01.16 *R Data set: xmp01.16*

Description

A data set

Usage

```
data(xmp01.16)
```

Details

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Examples

```
data(xmp01.16)
str(xmp01.16)
```

xmp01.17 *R Data set: xmp01.17*

Description

The xmp01.17 data frame has 19 rows and 1 column.

Usage

```
data(xmp01.17)
```

Format

A data frame with 19 observations on the following variable.

depth a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp01.17)
str(xmp01.17)
```

---

xmp01.18 *R Data set: xmp01.18*

Description

The xmp01.18 data frame has 25 rows and 1 column.

Usage

```
data(xmp01.18)
```

Format

A data frame with 25 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp01.18)
str(xmp01.18)
```

xmp04.28 *R Data set: xmp04.28*

Description

The xmp04.28 data frame has 10 rows and 2 columns.

Usage

```
data(xmp04.28)
```

Format

A data frame with 10 observations on the following 2 variables.

observation a numeric vector

z.percentile a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp04.28)
str(xmp04.28)
```

xmp04.29 *R Data set: xmp04.29*

Description

The xmp04.29 data frame has 10 rows and 1 column.

Usage

```
data(xmp04.29)
```

Format

A data frame with 10 observations on the following variable.

`meas.err` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp04.29)
str(xmp04.29)
```

`xmp04.30` *R Data set: xmp04.30*

Description

The `xmp04.30` data frame has 20 rows and 2 columns.

Usage

```
data(xmp04.30)
```

Format

A data frame with 20 observations on the following 2 variables.

`Voltage` a numeric vector

`z.percentile` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp04.30)
str(xmp04.30)
```

---

xmp04.31 *R Data set: xmp04.31*

Description

The xmp04.31 data frame has 10 rows and 1 column.

Usage

```
data(xmp04.31)
```

Format

A data frame with 10 observations on the following variable.

`lifetime` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp04.31)
str(xmp04.31)
```

xmp06.02 *R Data set: xmp06.02*

Description

The xmp06.02 data frame has 20 rows and 1 column.

Usage

```
data(xmp06.02)
```

Format

A data frame with 20 observations on the following variable.

`Voltage` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp06.02)
str(xmp06.02)
```

xmp06.03 *R Data set: xmp06.03*

Description

The xmp06.03 data frame has 8 rows and 1 column.

Usage

```
data(xmp06.03)
```

Format

A data frame with 8 observations on the following variable.

`Strength` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp06.03)
str(xmp06.03)
```

`xmp06.13` *R Data set: xmp06.13*

Description

The `xmp06.13` data frame has 20 rows and 1 column.

Usage

```
data(xmp06.13)
```

Format

A data frame with 20 observations on the following variable.

`Survival` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp06.13)
str(xmp06.13)
```

xmp06.14 *R Data set: xmp06.14*

Description

The xmp06.14 data frame has 420 rows and 1 column.

Usage

```
data(xmp06.14)
```

Format

A data frame with 420 observations on the following variable.

goals a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp06.14)
str(xmp06.14)
```

xmp07.06 *R Data set: xmp07.06*

Description

The xmp07.06 data frame has 48 rows and 1 column.

Usage

```
data(xmp07.06)
```

Format

A data frame with 48 observations on the following variable.

Voltage a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp07.06)
str(xmp07.06)
```

---

xmp07.11 *R Data set: xmp07.11*

Description

The xmp07.11 data frame has 16 rows and 1 column.

Usage

```
data(xmp07.11)
```

Format

A data frame with 16 observations on the following variable.

`Elasticity` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp07.11)
str(xmp07.11)
```

xmp07.15 *R Data set: xmp07.15*

Description

The xmp07.15 data frame has 17 rows and 1 column.

Usage

```
data(xmp07.15)
```

Format

A data frame with 17 observations on the following variable.

voltage a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp07.15)
str(xmp07.15)
```

xmp08.08 *R Data set: xmp08.08*

Description

The xmp08.08 data frame has 52 rows and 1 column.

Usage

```
data(xmp08.08)
```

Format

A data frame with 52 observations on the following variable.

DCP a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp08.08)
str(xmp08.08)
```

---

xmp08.09 *R Data set: xmp08.09*

Description

The xmp08.09 data frame has 5 rows and 1 column.

Usage

```
data(xmp08.09)
```

Format

A data frame with 5 observations on the following variable.

MAWL a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp08.09)
str(xmp08.09)
```

xmp09.04 *R Data set: xmp09.04*

Description

The xmp09.04 data frame has 2 rows and 4 columns.

Usage

```
data(xmp09.04)
```

Format

A data frame with 2 observations on the following 4 variables.

Type a factor with levels Graded No-fines

Sample.Size a numeric vector

Sample.Average.Conductivity a numeric vector

Sample.Standard.Deviation a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp09.04)
str(xmp09.04)
```

xmp09.06 *R Data set: xmp09.06*

Description

The xmp09.06 data frame has 2 rows and 4 columns.

Usage

```
data(xmp09.06)
```

Format

A data frame with 2 observations on the following 4 variables.

`Fabric.Type` a factor with levels `Cotton` `Triacetate`

`Sample.Size` a numeric vector

`Sample.Mean` a numeric vector

`Sample.Standard.Deviation` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp09.06)
str(xmp09.06)
```

`xmp09.07` *R Data set: xmp09.07*

Description

The `xmp09.07` data frame has 18 rows and 2 columns.

Usage

```
data(xmp09.07)
```

Format

A data frame with 18 observations on the following 2 variables.

`strength` a numeric vector

`type` a factor with levels `fused` `nofusion`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp09.07)
str(xmp09.07)
```

`xmp09.08` *R Data set: xmp09.08*

Description

The `xmp09.08` data frame has 6 rows and 2 columns.

Usage

```
data(xmp09.08)
```

Format

A data frame with 6 observations on the following 2 variables.

`bottom` a numeric vector

`surface` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp09.08)
str(xmp09.08)
```

xmp09.09 *R Data set: xmp09.09*

Description

The xmp09.09 data frame has 16 rows and 4 columns.

Usage

```
data(xmp09.09)
```

Format

A data frame with 16 observations on the following 4 variables.

`Subject` a numeric vector

`Before` a numeric vector

`After` a numeric vector

`Difference` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp09.09)
str(xmp09.09)
```

xmp09.10 *R Data set: xmp09.10*

Description

The xmp09.10 data frame has 13 rows and 2 columns.

Usage

```
data(xmp09.10)
```

Format

A data frame with 13 observations on the following 2 variables.

`slide` a numeric vector

`digital` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp09.10)
str(xmp09.10)
```

`xmp10.01` *R Data set: xmp10.01*

Description

The `xmp10.01` data frame has 24 rows and 2 columns.

Usage

```
data(xmp10.01)
```

Format

A data frame with 24 observations on the following 2 variables.

`C1` a numeric vector

`C2` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp10.01)
str(xmp10.01)
```

`xmp10.03` *R Data set: xmp10.03*

Description

The `xmp10.03` data frame has 15 rows and 2 columns.

Usage

```
data(xmp10.03)
```

Format

A data frame with 15 observations on the following 2 variables.

`Soiling` a numeric vector

`Mixture` a factor with levels `1` `2` `3`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp10.03)
str(xmp10.03)
```

xmp10.05 *R Data set: xmp10.05*

Description

The xmp10.05 data frame has 20 rows and 2 columns.

Usage

```
data(xmp10.05)
```

Format

A data frame with 20 observations on the following 2 variables.

REMtime a numeric vector

ethanol a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp10.05)
str(xmp10.05)
```

xmp10.08 *R Data set: xmp10.08*

Description

The xmp10.08 data frame has 22 rows and 2 columns.

Usage

```
data(xmp10.08)
```

Format

A data frame with 22 observations on the following 2 variables.

`elastic` a numeric vector

`type` a factor with levels `Die` `Permanent` `Plaster`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp10.08)
str(xmp10.08)
```

`xmp10.10` *R Data set: xmp10.10*

Description

The `xmp10.10` data frame has 18 rows and 2 columns.

Usage

```
data(xmp10.10)
```

Format

A data frame with 18 observations on the following 2 variables.

`travel` a numeric vector

`Rail` a factor with levels `1` `2` `3` `4` `5` `6`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp10.10)
str(xmp10.10)
```

---

xmp11.01 *R Data set: xmp11.01*

Description

The xmp11.01 data frame has 12 rows and 3 columns.

Usage

```
data(xmp11.01)
```

Format

A data frame with 12 observations on the following 3 variables.

`strength` a numeric vector

`brand` a factor with levels `1` `2` `3`

`treatment` a factor with levels `1` `2` `3` `4`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp11.01)
str(xmp11.01)
```

xmp11.05 *R Data set: xmp11.05*

Description

The xmp11.05 data frame has 20 rows and 3 columns.

Usage

```
data(xmp11.05)
```

Format

A data frame with 20 observations on the following 3 variables.

power a numeric vector

humid an ordered factor with levels 1 < 2 < 3 < 4

brand a factor with levels 1 2 3 4 5

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp11.05)
str(xmp11.05)
```

xmp11.06 *R Data set: xmp11.06*

Description

The xmp11.06 data frame has 24 rows and 3 columns.

Usage

```
data(xmp11.06)
```

Format

A data frame with 24 observations on the following 3 variables.

`Resp` a numeric vector

`Stimulus` a factor with levels `L1` `L2` `T` `L1+L2` `L1+T` `L2+T`

`Subject` a factor with levels `1` `2` `3` `4`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp11.06)
str(xmp11.06)
```

`xmp11.07` *R Data set: xmp11.07*

Description

The `xmp11.07` data frame has 36 rows and 3 columns.

Usage

```
data(xmp11.07)
```

Format

A data frame with 36 observations on the following 3 variables.

`Yield` a numeric vector

`Variety` a factor with levels `1` `2` `3`

`Density` a factor with levels `1` `2` `3` `4`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp11.07)
str(xmp11.07)
```

`xmp11.10` *R Data set: xmp11.10*

Description

The `xmp11.10` data frame has 96 rows and 4 columns.

Usage

```
data(xmp11.10)
```

Format

A data frame with 96 observations on the following 4 variables.

`Tempr` a numeric vector

`Period` a numeric vector

`Strain` a numeric vector

`Coat` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp11.10)
str(xmp11.10)
```

xmp11.11 *R Data set: xmp11.11*

Description

The xmp11.11 data frame has 36 rows and 4 columns.

Usage

```
data(xmp11.11)
```

Format

A data frame with 36 observations on the following 4 variables.

`abrasion` a numeric vector

`row` an ordered factor with levels 1 < 2 < 3 < 4 < 5 < 6

`column` an ordered factor with levels 1 < 2 < 3 < 4 < 5 < 6

`humidity` a factor with levels `25 percent` `37 percent` `50 percent` `62 percent` `75 percent` `87 percent`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp11.11)
str(xmp11.11)
```

xmp11.12 *R Data set: xmp11.12*

Description

The xmp11.12 data frame has 8 rows and 4 columns.

Usage

```
data(xmp11.12)
```

Format

A data frame with 8 observations on the following 4 variables.

`Age` a numeric vector

`Temperature` a numeric vector

`Soil.1` a numeric vector

`Soil.2` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp11.12)
str(xmp11.12)
```

xmp12.01 *R Data set: xmp12.01*

Description

The xmp12.01 data frame has 30 rows and 3 columns.

Usage

```
data(xmp12.01)
```

Format

A data frame with 30 observations on the following 3 variables.

`Obs` a numeric vector

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp12.01)
str(xmp12.01)
```

`xmp12.02` *R Data set: xmp12.02*

Description

The `xmp12.02` data frame has 19 rows and 2 columns.

Usage

```
data(xmp12.02)
```

Format

A data frame with 19 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp12.02)
str(xmp12.02)
```

---

xmp12.04 *R Data set: xmp12.04*

Description

The xmp12.04 data frame has 15 rows and 2 columns.

Usage

```
data(xmp12.04)
```

Format

A data frame with 15 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp12.04)
str(xmp12.04)
```

xmp12.06 *R Data set: xmp12.06*

Description

The xmp12.06 data frame has 20 rows and 2 columns.

Usage

```
data(xmp12.06)
```

Format

A data frame with 20 observations on the following 2 variables.

`moistcon` a numeric vector

`filtrate` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp12.06)
str(xmp12.06)
```

xmp12.08 *R Data set: xmp12.08*

Description

The xmp12.08 data frame has 14 rows and 2 columns.

Usage

```
data(xmp12.08)
```

Format

A data frame with 14 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp12.08)
str(xmp12.08)
```

---

xmp12.10 *R Data set: xmp12.10*

Description

The `xmp12.10` data frame has 15 rows and 2 columns.

Usage

```
data(xmp12.10)
```

Format

A data frame with 15 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp12.10)
str(xmp12.10)
```

---

xmp12.11 *R Data set: xmp12.11*

Description

The xmp12.11 data frame has 15 rows and 2 columns.

Usage

```
data(xmp12.11)
```

Format

A data frame with 15 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp12.11)
str(xmp12.11)
```

xmp12.12 *R Data set: xmp12.12*

Description

The xmp12.12 data frame has 20 rows and 2 columns.

Usage

```
data(xmp12.12)
```

Format

A data frame with 20 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp12.12)
str(xmp12.12)
```

xmp12.13 *R Data set: xmp12.13*

Description

The xmp12.13 data frame has 18 rows and 2 columns.

Usage

```
data(xmp12.13)
```

Format

A data frame with 18 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp12.13)
str(xmp12.13)
```

`xmp12.14` *R Data set: xmp12.14*

Description

The `xmp12.14` data frame has 8 rows and 2 columns.

Usage

```
data(xmp12.14)
```

Format

A data frame with 8 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp12.14)
str(xmp12.14)
```

---

xmp12.15 *R Data set: xmp12.15*

Description

The xmp12.15 data frame has 8 rows and 2 columns.

Usage

```
data(xmp12.15)
```

Format

A data frame with 8 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp12.15)
str(xmp12.15)
```

xmp12.16 *R Data set: xmp12.16*

Description

The xmp12.16 data frame has 16 rows and 2 columns.

Usage

```
data(xmp12.16)
```

Format

A data frame with 16 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp12.16)
str(xmp12.16)
```

xmp13.01 *R Data set: xmp13.01*

Description

The xmp13.01 data frame has 14 rows and 2 columns.

Usage

```
data(xmp13.01)
```

Format

A data frame with 14 observations on the following 2 variables.

`xi` a numeric vector

`yi` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.01)
str(xmp13.01)
```

`xmp13.03` *R Data set: xmp13.03*

Description

The `xmp13.03` data frame has 12 rows and 2 columns.

Usage

```
data(xmp13.03)
```

Format

A data frame with 12 observations on the following 2 variables.

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.03)
str(xmp13.03)
```

---

xmp13.04 *R Data set: xmp13.04*

Description

The xmp13.04 data frame has 11 rows and 2 columns.

Usage

```
data(xmp13.04)
```

Format

A data frame with 11 observations on the following 2 variables.

x a numeric vector

y a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.04)
str(xmp13.04)
```

xmp13.06 *R Data set: xmp13.06*

Description

The xmp13.06 data frame has 24 rows and 2 columns.

Usage

```
data(xmp13.06)
```

Format

A data frame with 24 observations on the following 2 variables.

`Temperature` a numeric vector

`Failure` a factor with levels `N` `Y`

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.06)
str(xmp13.06)
```

xmp13.09 *R Data set: xmp13.09*

Description

The xmp13.09 data frame has 8 rows and 2 columns.

Usage

```
data(xmp13.09)
```

Format

A data frame with 8 observations on the following 2 variables.

`tempture` a numeric vector

`strength` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.09)
str(xmp13.09)
```

`xmp13.10` *R Data set: xmp13.10*

Description

The `xmp13.10` data frame has 8 rows and 3 columns.

Usage

```
data(xmp13.10)
```

Format

A data frame with 8 observations on the following 3 variables.

`x` a numeric vector

`x` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.10)
str(xmp13.10)
```

---

xmp13.11 *R Data set: xmp13.11*

Description

The xmp13.11 data frame has 30 rows and 6 columns.

Usage

```
data(xmp13.11)
```

Format

A data frame with 30 observations on the following 6 variables.

`Observation` a numeric vector

`Force` a numeric vector

`Power` a numeric vector

`Temperature` a numeric vector

`Time` a numeric vector

`Strength` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.11)
str(xmp13.11)
```

xmp13.12 *R Data set: xmp13.12*

Description

The xmp13.12 data frame has 30 rows and 6 columns.

Usage

```
data(xmp13.12)
```

Format

A data frame with 30 observations on the following 6 variables.

`Observation` a numeric vector

`Force` a numeric vector

`Power` a numeric vector

`Temperature` a numeric vector

`Time` a numeric vector

`Strength` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.12)
str(xmp13.12)
```

xmp13.13 *R Data set: xmp13.13*

Description

The xmp13.13 data frame has 9 rows and 5 columns.

Usage

```
data(xmp13.13)
```

Format

A data frame with 9 observations on the following 5 variables.

x1 a numeric vector

x2 a numeric vector

x1x2 a numeric vector

X28 a numeric vector

Absorbability a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.13)
str(xmp13.13)
```

xmp13.15 *R Data set: xmp13.15*

Description

The xmp13.15 data frame has 13 rows and 3 columns.

Usage

```
data(xmp13.15)
```

Format

A data frame with 13 observations on the following 3 variables.

`Iron.x1` a numeric vector

`Aluminum.x2` a numeric vector

`Adsorption.y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.15)
str(xmp13.15)
```

xmp13.16 *R Data set: xmp13.16*

Description

The xmp13.16 data frame has 30 rows and 5 columns.

Usage

```
data(xmp13.16)
```

Format

A data frame with 30 observations on the following 5 variables.

`x1` a numeric vector

`x2` a numeric vector

`x3` a numeric vector

`x4` a numeric vector

`y` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.16)
str(xmp13.16)
```

`xmp13.18` *R Data set: xmp13.18*

Description

The `xmp13.18` data frame has 27 rows and 3 columns.

Usage

```
data(xmp13.18)
```

Format

A data frame with 27 observations on the following 3 variables.

`s` a numeric vector

`l.1000.s` a numeric vector

`w` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp13.18)
str(xmp13.18)
```

`xmp13.19` *R Data set: xmp13.19*

Description

The `xmp13.19` data frame has 31 rows and 5 columns.

Usage

```
data(xmp13.19)
```

Format

A data frame with 31 observations on the following 5 variables.

`y` a numeric vector

`x1` a numeric vector

`x2` a numeric vector

`x.1` a numeric vector

`x.2` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.19)
str(xmp13.19)
```

xmp13.22 *R Data set: xmp13.22*

Description

The xmp13.22 data frame has 10 rows and 3 columns.

Usage

```
data(xmp13.22)
```

Format

A data frame with 10 observations on the following 3 variables.

`Strength` a numeric vector

`Sp.grav` a numeric vector

`Moisture` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp13.22)
str(xmp13.22)
```

xmp14.03 *R Data set: xmp14.03*

Description

The xmp14.03 data frame has 24 rows and 1 column.

Usage

```
data(xmp14.03)
```

Format

A data frame with 24 observations on the following variable.

`onset` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp14.03)
str(xmp14.03)
```

`xmp14.10` *R Data set: xmp14.10*

Description

The `xmp14.10` data frame has 49 rows and 1 column.

Usage

```
data(xmp14.10)
```

Format

A data frame with 49 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp14.10)
str(xmp14.10)
```

`xmp14.13` *R Data set: xmp14.13*

Description

The `xmp14.13` data frame has 4 rows and 7 columns.

Usage

```
data(xmp14.13)
```

Format

A data frame with 4 observations on the following 7 variables.

`Production.Line` a numeric vector

`Blemish` a numeric vector

`Crack` a numeric vector

`Location` a numeric vector

`Missing` a numeric vector

`Other` a numeric vector

`Size` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp14.13)
str(xmp14.13)
```

xmp14.14 *R Data set: xmp14.14*

Description

The xmp14.14 data frame has 3 rows and 3 columns.

Usage

```
data(xmp14.14)
```

Format

A data frame with 3 observations on the following 3 variables.

Substand a numeric vector

Standard a numeric vector

Modern a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp14.14)
str(xmp14.14)
```

xmp15.01 *R Data set: xmp15.01*

Description

The xmp15.01 data frame has 15 rows and 1 column.

Usage

```
data(xmp15.01)
```

Format

A data frame with 15 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp15.01)
str(xmp15.01)
```

`xmp15.02` *R Data set: xmp15.02*

Description

The `xmp15.02` data frame has 8 rows and 5 columns.

Usage

```
data(xmp15.02)
```

Format

A data frame with 8 observations on the following 5 variables.

`Log` a numeric vector

`Solvent.1` a numeric vector

`Solvent.2` a numeric vector

`Difference` a numeric vector

`Signed.rank` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp15.02)
str(xmp15.02)
```

`xmp15.03` *R Data set: xmp15.03*

Description

The `xmp15.03` data frame has 25 rows and 2 columns.

Usage

```
data(xmp15.03)
```

Format

A data frame with 25 observations on the following 2 variables.

`xi` a numeric vector

`Signed.Rank` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp15.03)
str(xmp15.03)
```

xmp15.04 *R Data set: xmp15.04*

Description

The xmp15.04 data frame has 7 rows and 2 columns.

Usage

```
data(xmp15.04)
```

Format

A data frame with 7 observations on the following 2 variables.

`Polluted` a numeric vector

`Unpolluted` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp15.04)
str(xmp15.04)
```

xmp15.06 *R Data set: xmp15.06*

Description

The xmp15.06 data frame has 28 rows and 1 column.

Usage

```
data(xmp15.06)
```

Format

A data frame with 28 observations on the following variable.

`C1` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp15.06)
str(xmp15.06)
```

`xmp15.08` *R Data set: xmp15.08*

Description

The `xmp15.08` data frame has 6 rows and 2 columns.

Usage

```
data(xmp15.08)
```

Format

A data frame with 6 observations on the following 2 variables.

`Epoxy` a numeric vector

`Other` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

Devore, J. L. (2008) *Probability and Statistics for Engineering and the Sciences (7th Edition)*, ISBN-10: 0495382175 ISBN-13: 9780495382171

Examples

```
data(xmp15.08)
str(xmp15.08)
```

---

xmp15.09 *R Data set: xmp15.09*

Description

The xmp15.09 data frame has 35 rows and 2 columns.

Usage

```
data(xmp15.09)
```

Format

A data frame with 35 observations on the following 2 variables.

C1 a numeric vector

C2 a factor with levels 10\" 12\" 4\" 6\" 8\"

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp15.09)
str(xmp15.09)
```

xmp15.10 *R Data set: xmp15.10*

Description

The xmp15.10 data frame has 8 rows and 4 columns.

Usage

```
data(xmp15.10)
```

Format

A data frame with 8 observations on the following 4 variables.

`Fear` a numeric vector

`Happiness` a numeric vector

`Depression` a numeric vector

`Calmness` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp15.10)
str(xmp15.10)
```

xmp16.01 *R Data set: xmp16.01*

Description

The xmp16.01 data frame has 25 rows and 3 columns.

Usage

```
data(xmp16.01)
```

Format

A data frame with 25 observations on the following 3 variables.

`Visc1` a numeric vector

`Visc2` a numeric vector

`Visc3` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp16.01)
str(xmp16.01)
```

`xmp16.04` *R Data set: xmp16.04*

Description

The `xmp16.04` data frame has 22 rows and 4 columns.

Usage

```
data(xmp16.04)
```

Format

A data frame with 22 observations on the following 4 variables.

`Obs.1` a numeric vector

`Obs.2` a numeric vector

`Obs.3` a numeric vector

`Obs.4` a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp16.04)
str(xmp16.04)
```

`xmp16.06` *R Data set: xmp16.06*

Description

The `xmp16.06` data frame has 27 rows and 26 columns.

Usage

```
data(xmp16.06)
```

Format

A data frame with 27 observations on the following 26 variables.

`C1` a factor with levels `1` `10` `11` `12` `13` `14` `15` `16` `17` `18` `19` `2` `20` `21` `22` `23` `24` `25` `3` `4` `5` `6` `7` `8` `9` `Day (i)`

`C2` a numeric vector

`C3` a numeric vector

`C4` a numeric vector

`C5` a numeric vector

`C6` a numeric vector

`C7` a numeric vector

`C8` a numeric vector

`C9` a numeric vector

`C10` a numeric vector

`C11` a numeric vector

`C12` a numeric vector

`C13` a numeric vector

`C14` a numeric vector

`C15` a numeric vector

`C16` a numeric vector

`C17` a numeric vector

`C18` a numeric vector

C19 a numeric vector

C20 a numeric vector

C21 a numeric vector

C22 a numeric vector

C23 a numeric vector

C24 a numeric vector

C25 a numeric vector

C26 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

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Examples

```
data(xmp16.06)
str(xmp16.06)
```

---

xmp16.07 *R Data set: xmp16.07*

Description

The xmp16.07 data frame has 24 rows and 1 column.

Usage

```
data(xmp16.07)
```

Format

A data frame with 24 observations on the following variable.

C1 a numeric vector

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp16.07)
str(xmp16.07)
```

`xmp16.08` *R Data set: xmp16.08*

Description

The `xmp16.08` data frame has 16 rows and 4 columns.

Usage

```
data(xmp16.08)
```

Format

A data frame with 16 observations on the following 4 variables.

`Obs.1` a numeric vector

`Obs.2` a numeric vector

`Obs.3` a numeric vector

`Obs.4` a numeric vector

Details

Consult the web site `http://www.thomsonedu.com/statistics/devore` for additional online resources that are available for this book.

Source

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Examples

```
data(xmp16.08)
str(xmp16.08)
```

xmp16.09 *R Data set: xmp16.09*

Description

The xmp16.09 data frame has 18 rows and 6 columns.

Usage

```
data(xmp16.09)
```

Format

A data frame with 18 observations on the following 6 variables.

C1 a factor with levels 1 10 11 12 13 14 15 16 2 3 4 5 6 7 8 9 C1 Sample #

C2 a factor with levels 39.65 39.72 39.76 39.84 39.98 40.06 40.2 40.23 40.32 40.34 40.4 40.41 40.42 40.49 40.61 C2 xwl

C3 a factor with levels 0.05 0.08 -0.09 -0.17 0.17 0.19 0.25 0.26 0.27 -0.31 0.34 -0.39 -0.43 0.46 -0.5 C3 xwl - 40.15

C4 a factor with levels 0 0.01 0.05 0.1 0.12 0.26 0.27 0.43 0.46 0.71 1 1.08 1.17 1.27 C4 dl

C5 a factor with levels -0.01 -0.09 -0.13 0.13 -0.2 0.21 0.35 0.38 0.47 0.49 0.55 0.56 0.57 0.64 0.76 C5 xwl - 39.85

C6 a factor with levels 0 0.01 0.09 0.13 0.29 C6 el

Details

Consult the web site http://www.thomsonedu.com/statistics/devore for additional online resources that are available for this book.

Source

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Examples

```
data(xmp16.09)
str(xmp16.09)
```

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