

Package ‘aprean3’

July 22, 2025

Title Datasets from Draper and Smith ``Applied Regression Analysis"
(3rd Ed., 1998)

Version 1.0.1

Date 2015-05-09

Description An unofficial companion to the textbook ``Applied Regression
Analysis" by N.R. Draper and H. Smith (3rd Ed., 1998) including all the
accompanying datasets.

URL <https://github.com/lbraglia/aprean3>

BugReports <https://github.com/lbraglia/aprean3/issues>

Depends R (>= 3.1.1)

License GPL-3

LazyData true

NeedsCompilation no

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Repository CRAN

Date/Publication 2015-05-09 23:10:33

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aprean3	<i>Datasets from Draper and Smith, "Applied Regression Analysis" (3rd ed., 1998)</i>
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Description

This package is an unofficial companion to the textbook "Applied Regression Analysis" by N.R. Draper and H. Smith (3rd ed., 1998).

Details

It includes all the published datasets, both for easy reproducibility and algorithms benchmarking purposes.

Dataset names are lowercased and prefixed by dsX, where X is:

- e for Exercises
- x for eXamples
- q for eQuations
- a for Appendixes
- s for Sections.

Variables have lower-case name.

Source

Draper, N.R., Smith, H. (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

dsa01a	<i>Dataset for Appendix A, Chapter 01</i>
--------	---

Description

Dataset for Appendix A, Chapter 01

Usage

dsa01a

Format

A data.frame with 25 rows and 10 variables:

x1

x2

x3

x4

x5

x6

x7

x8

x9

x10

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dsa01a

dsa06b

Dataset for Appendix B, Chapter 06

Description

Dataset for Appendix B, Chapter 06

Usage

dsa06b

Format

A data.frame with 70 rows and 4 variables:

set

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dsa06b

dsa15a*Dataset for Appendix A, Chapter 15*

Description

Dataset for Appendix A, Chapter 15

Usage

dsa15a

Format

A data.frame with 13 rows and 5 variables:

x1**x2****x3****x4****y****Source**

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dsa15a

dse03a*Dataset for Exercise A, Chapter 03*

Description

Dataset for Exercise A, Chapter 03

Usage

dse03a

Format

A data.frame with 11 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03a

dse03aa

Dataset for Exercise AA, Chapter 03

Description

Dataset for Exercise AA, Chapter 03

Usage

dse03aa

Format

A data.frame with 7 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03aa

dse03bb*Dataset for Exercise BB, Chapter 03*

Description

Dataset for Exercise BB, Chapter 03

Usage

dse03bb

Format

A data.frame with 10 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03bb

dse03c*Dataset for Exercise C, Chapter 03*

Description

Dataset for Exercise C, Chapter 03

Usage

dse03c

Format

A data.frame with 13 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03c

dse03cc

Dataset for Exercise CC, Chapter 03

Description

Dataset for Exercise CC, Chapter 03

Usage

dse03cc

Format

A data.frame with 10 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03cc

dse03dd

Dataset for Exercise DD, Chapter 03

Description

Dataset for Exercise DD, Chapter 03

Usage

dse03dd

Format

A data.frame with 9 rows and 2 variables:

t

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03dd

dse03e

Dataset for Exercise E, Chapter 03

Description

Dataset for Exercise E, Chapter 03

Usage

dse03e

Format

A data.frame with 7 rows and 3 variables:

x

y1

y2

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03e

dse03ee

Dataset for Exercise EE, Chapter 03

Description

Dataset for Exercise EE, Chapter 03

Usage

dse03ee

Format

A data.frame with 23 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03ee

dse03f

Dataset for Exercise F, Chapter 03

Description

Dataset for Exercise F, Chapter 03

Usage

dse03f

Format

A data.frame with 12 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples`dse03f`

`dse03g`*Dataset for Exercise G, Chapter 03*

Description

Dataset for Exercise G, Chapter 03

Usage`dse03g`**Format**

A data.frame with 17 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples`dse03g`

`dse03gg`*Dataset for Exercise GG, Chapter 03*

Description

Dataset for Exercise GG, Chapter 03

Usage`dse03gg`**Format**

A data.frame with 5 rows and 2 variables:

wage

turnover

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03gg

dse03h

Dataset for Exercise H, Chapter 03

Description

Dataset for Exercise H, Chapter 03

Usage

dse03h

Format

A data.frame with 14 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03h

dse03hh

Dataset for Exercise HH, Chapter 03

Description

Dataset for Exercise HH, Chapter 03

Usage

dse03hh

Format

A data.frame with 29 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03hh

dse03i

Dataset for Exercise I, Chapter 03

Description

Dataset for Exercise I, Chapter 03

Usage

dse03i

Format

A data.frame with 13 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03i

`dse03ii`*Dataset for Exercise II, Chapter 03*

Description

Dataset for Exercise II, Chapter 03

Usage`dse03ii`**Format**

A `data.frame` with 32 rows and 2 variables:

y

x

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples`dse03ii`

`dse03j`*Dataset for Exercise J, Chapter 03*

Description

Dataset for Exercise J, Chapter 03

Usage`dse03j`**Format**

A `data.frame` with 15 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

```
dse03j
```

```
dse03jj
```

Dataset for Exercise JJ, Chapter 03

Description

Dataset for Exercise JJ, Chapter 03

Usage

```
dse03jj
```

Format

A data.frame with 48 rows and 2 variables:

y

x

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

```
dse03jj
```

```
dse03jj2
```

Dataset for Exercise JJ2, Chapter 03

Description

Dataset for Exercise JJ2, Chapter 03

Usage

```
dse03jj2
```

Format

A data.frame with 9 rows and 2 variables:

y

x

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03jj2

dse03jj3

Dataset for Exercise JJ3, Chapter 03

Description

Dataset for Exercise JJ3, Chapter 03

Usage

dse03jj3

Format

A data.frame with 48 rows and 2 variables:

y

x

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03jj3

dse03k

Dataset for Exercise K, Chapter 03

Description

Dataset for Exercise K, Chapter 03

Usage

dse03k

Format

A data.frame with 34 rows and 2 variables:

y

x

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03k

dse03kk

Dataset for Exercise KK, Chapter 03

Description

Dataset for Exercise KK, Chapter 03

Usage

dse03kk

Format

A data.frame with 12 rows and 2 variables:

y1994

y1995

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03kk

dse0311

Dataset for Exercise LL, Chapter 03

Description

Dataset for Exercise LL, Chapter 03

Usage

dse0311

Format

A data.frame with 13 rows and 2 variables:

y

x

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse0311

dse03n

Dataset for Exercise N, Chapter 03

Description

Dataset for Exercise N, Chapter 03

Usage

dse03n

Format

A data.frame with 12 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

```
dse03n
```

```
dse03o
```

Dataset for Exercise O, Chapter 03

Description

Dataset for Exercise O, Chapter 03

Usage

```
dse03o
```

Format

A data.frame with 7 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

```
dse03o
```

```
dse03r
```

Dataset for Exercise R, Chapter 03

Description

Dataset for Exercise R, Chapter 03

Usage

```
dse03r
```

Format

A data.frame with 43 rows and 2 variables:

t

a

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03r

dse03v

Dataset for Exercise V, Chapter 03

Description

Dataset for Exercise V, Chapter 03

Usage

dse03v

Format

A data.frame with 50 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03v

dse03w

Dataset for Exercise W, Chapter 03

Description

Dataset for Exercise W, Chapter 03

Usage

dse03w

Format

A data.frame with 14 rows and 2 variables:

year

price

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03w

dse03x

Dataset for Exercise X, Chapter 03

Description

Dataset for Exercise X, Chapter 03

Usage

dse03x

Format

A data.frame with 11 rows and 6 variables:

x123

y1

y2

y3

x4

y4

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03x

dse03z

Dataset for Exercise Z, Chapter 03

Description

Dataset for Exercise Z, Chapter 03

Usage

dse03z

Format

A data.frame with 17 rows and 2 variables:

consumption

population

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse03z

dse04d

Dataset for Exercise D, Chapter 04

Description

Dataset for Exercise D, Chapter 04

Usage

dse04d

Format

A data.frame with 14 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse04d

dse04e*Dataset for Exercise E, Chapter 04*

Description

Dataset for Exercise E, Chapter 04

Usage

dse04e

Format

A data.frame with 10 rows and 2 variables:

x**y****Source**

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse04e

dse04f*Dataset for Exercise F, Chapter 04*

Description

Dataset for Exercise F, Chapter 04

Usage

dse04f

Format

A data.frame with 10 rows and 3 variables:

x**y****xy**

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse04f

dse06a

Dataset for Exercise A, Chapter 06

Description

Dataset for Exercise A, Chapter 06

Usage

dse06a

Format

A data.frame with 11 rows and 4 variables:

x0

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06a

dse06b*Dataset for Exercise B, Chapter 06*

Description

Dataset for Exercise B, Chapter 06

Usage

dse06b

Format

A data.frame with 12 rows and 3 variables:

x

y

z

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06b

dse06c*Dataset for Exercise C, Chapter 06*

Description

Dataset for Exercise C, Chapter 06

Usage

dse06c

Format

A data.frame with 15 rows and 3 variables:

y

x1

x2

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06c

dse06d

Dataset for Exercise D, Chapter 06

Description

Dataset for Exercise D, Chapter 06

Usage

dse06d

Format

A data.frame with 8 rows and 3 variables:

y

x1

x2

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06d

dse06e*Dataset for Exercise E, Chapter 06*

Description

Dataset for Exercise E, Chapter 06

Usage

dse06e

Format

A data.frame with 16 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06e

dse06f*Dataset for Exercise F, Chapter 06*

Description

Dataset for Exercise F, Chapter 06

Usage

dse06f

Format

A data.frame with 17 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06f

dse06g

Dataset for Exercise G, Chapter 06

Description

Dataset for Exercise G, Chapter 06

Usage

dse06g

Format

A data.frame with 17 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06g

dse06h*Dataset for Exercise H, Chapter 06*

Description

Dataset for Exercise H, Chapter 06

Usage

dse06h

Format

A data.frame with 13 rows and 3 variables:

y

x

z

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06h

dse06i*Dataset for Exercise I, Chapter 06*

Description

Dataset for Exercise I, Chapter 06

Usage

dse06i

Format

A data.frame with 7 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06i

dse06j

Dataset for Exercise J, Chapter 06

Description

Dataset for Exercise J, Chapter 06

Usage

dse06j

Format

A data.frame with 10 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06j

dse06k*Dataset for Exercise K, Chapter 06*

Description

Dataset for Exercise K, Chapter 06

Usage

dse06k

Format

A data.frame with 5 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06k

dse06l*Dataset for Exercise L, Chapter 06*

Description

Dataset for Exercise L, Chapter 06

Usage

dse06l

Format

A data.frame with 9 rows and 4 variables:

batchn

t

c

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06l

dse06z

Dataset for Exercise Z, Chapter 06

Description

Dataset for Exercise Z, Chapter 06

Usage

dse06z

Format

A data.frame with 19 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse06z

dse07b

Dataset for Exercise B, Chapter 07

Description

Dataset for Exercise B, Chapter 07

Usage

dse07b

Format

A data.frame with 48 rows and 4 variables:

time

set1

set2

set3

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse07b

dse07c

Dataset for Exercise C, Chapter 07

Description

Dataset for Exercise C, Chapter 07

Usage

dse07c

Format

A data.frame with 50 rows and 7 variables:

y

x1

x2

x3

x4

x5

x6

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse07c

dse08b

Dataset for Exercise B, Chapter 08

Description

Dataset for Exercise B, Chapter 08

Usage

dse08b

Format

A data.frame with 5 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse08b

dse09b

Dataset for Exercise B, Chapter 09

Description

Dataset for Exercise B, Chapter 09

Usage

dse09b

Format

A data.frame with 5 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse09b

dse12a

Dataset for Exercise A, Chapter 12

Description

Dataset for Exercise A, Chapter 12

Usage

dse12a

Format

A data.frame with 18 rows and 5 variables:

x1

x2

x3

x4

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse12a

dse12b

Dataset for Exercise B, Chapter 12

Description

Dataset for Exercise B, Chapter 12

Usage

dse12b

Format

A data.frame with 20 rows and 4 variables:

x1

x2

x3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse12b

dse12c

Dataset for Exercise C, Chapter 12

Description

Dataset for Exercise C, Chapter 12

Usage

dse12c

Format

A data.frame with 24 rows and 2 variables:

t

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse12c

dse12d

Dataset for Exercise D, Chapter 12

Description

Dataset for Exercise D, Chapter 12

Usage

dse12d

Format

A data.frame with 15 rows and 6 variables:

x1

x2

x3

y1

y2

y3

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse12d

dse12e

Dataset for Exercise E, Chapter 12

Description

Dataset for Exercise E, Chapter 12

Usage

dse12e

Format

A data.frame with 28 rows and 5 variables:

fat

flour

water

rpm

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse12e

dse12h

Dataset for Exercise H, Chapter 12

Description

Dataset for Exercise H, Chapter 12

Usage

dse12h

Format

A data.frame with 27 rows and 4 variables:

x1

x2

x3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse12h

dse13a

Dataset for Exercise A, Chapter 13

Description

Dataset for Exercise A, Chapter 13

Usage

dse13a

Format

A data.frame with 6 rows and 3 variables:

x

y

means

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse13a

dse13b

Dataset for Exercise B, Chapter 13

Description

Dataset for Exercise B, Chapter 13

Usage

dse13b

Format

A data.frame with 47 rows and 4 variables:

filler

naphthenic_oil

y

ytype

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse13b

dse13c

Dataset for Exercise C, Chapter 13

Description

Dataset for Exercise C, Chapter 13

Usage

dse13c

Format

A data.frame with 11 rows and 6 variables:

x1

x2

x3

x4

y1

y2

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse13c

dse13d

Dataset for Exercise D, Chapter 13

Description

Dataset for Exercise D, Chapter 13

Usage

dse13d

Format

A data.frame with 24 rows and 4 variables:

x1

x2

x3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse13d

dse13e

Dataset for Exercise E, Chapter 13

Description

Dataset for Exercise E, Chapter 13

Usage

dse13e

Format

A data.frame with 43 rows and 2 variables:

t

m

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse13e

dse13f

Dataset for Exercise F, Chapter 13

Description

Dataset for Exercise F, Chapter 13

Usage

dse13f

Format

A data.frame with 16 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse13f

dse13g

Dataset for Exercise G, Chapter 13

Description

Dataset for Exercise G, Chapter 13

Usage

dse13g

Format

A data.frame with 35 rows and 4 variables:

x1

x2

x3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse13g

dse13h

Dataset for Exercise H, Chapter 13

Description

Dataset for Exercise H, Chapter 13

Usage

dse13h

Format

A data.frame with 8 rows and 5 variables:

x1

x2

x3

x4

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse13h

dse14b

Dataset for Exercise B, Chapter 14

Description

Dataset for Exercise B, Chapter 14

Usage

dse14b

Format

A data.frame with 18 rows and 5 variables:

y
tiller
type
nrate
x

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14b

dse14c

Dataset for Exercise C, Chapter 14

Description

Dataset for Exercise C, Chapter 14

Usage

dse14c

Format

A data.frame with 9 rows and 4 variables:

row
y
operator
speed

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14c

dse14d

Dataset for Exercise D, Chapter 14

Description

Dataset for Exercise D, Chapter 14

Usage

dse14d

Format

A data.frame with 6 rows and 6 variables:

z0

z1

z2

z3

z4

z5

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14d

dse14e

Dataset for Exercise E, Chapter 14

Description

Dataset for Exercise E, Chapter 14

Usage

dse14e

Format

A data.frame with 6 rows and 6 variables:

z0

z1

z2

z3

z4

z5

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14e

dse14f

Dataset for Exercise F, Chapter 14

Description

Dataset for Exercise F, Chapter 14

Usage

dse14f

Format

A data.frame with 6 rows and 6 variables:

z0

z1

z2

z3

z4

z5

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14f

dse14g

Dataset for Exercise G, Chapter 14

Description

Dataset for Exercise G, Chapter 14

Usage

dse14g

Format

A data.frame with 20 rows and 5 variables:

system

x0

x1

x2

x3

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14g

dse14j

Dataset for Exercise J, Chapter 14

Description

Dataset for Exercise J, Chapter 14

Usage

dse14j

Format

A data.frame with 72 rows and 2 variables:

wh

age

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14j

dse14l

Dataset for Exercise L, Chapter 14

Description

Dataset for Exercise L, Chapter 14

Usage

dse14l

Format

A data.frame with 8 rows and 3 variables:

set

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14l

dse14q

Dataset for Exercise Q, Chapter 14

Description

Dataset for Exercise Q, Chapter 14

Usage

dse14q

Format

A data.frame with 8 rows and 6 variables:

x1

y1

x2

y2

x3

y3

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14q

dse14r

Dataset for Exercise R, Chapter 14

Description

Dataset for Exercise R, Chapter 14

Usage

dse14r

Format

A data.frame with 48 rows and 4 variables:

boot
subject
temperature
drop

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14r

dse14s

Dataset for Exercise S, Chapter 14

Description

Dataset for Exercise S, Chapter 14

Usage

dse14s

Format

A data.frame with 8 rows and 4 variables:

x
z
zx
y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14s

dse14t

Dataset for Exercise T, Chapter 14

Description

Dataset for Exercise T, Chapter 14

Usage

dse14t

Format

A data.frame with 15 rows and 4 variables:

x

z

xz

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14t

dse14u

Dataset for Exercise U, Chapter 14

Description

Dataset for Exercise U, Chapter 14

Usage

dse14u

Format

A data.frame with 15 rows and 4 variables:

z1

z2

z3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse14u

dse15a

Dataset for Exercise A, Chapter 15

Description

Dataset for Exercise A, Chapter 15

Usage

dse15a

Format

A data.frame with 17 rows and 6 variables:

x1

x2

x3

x4

x5

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15a

dse15b

Dataset for Exercise B, Chapter 15

Description

Dataset for Exercise B, Chapter 15

Usage

dse15b

Format

A data.frame with 9 rows and 4 variables:

x1

x2

x3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15b

dse15c

Dataset for Exercise C, Chapter 15

Description

Dataset for Exercise C, Chapter 15

Usage

dse15c

Format

A data.frame with 20 rows and 6 variables:

x1

x2

x3

x4

x5

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15c

dse15e

Dataset for Exercise E, Chapter 15

Description

Dataset for Exercise E, Chapter 15

Usage

dse15e

Format

A data.frame with 90 rows and 8 variables:

y

x1

x2

x3

x4

x5

x6

x7

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15e

dse15f

Dataset for Exercise F, Chapter 15

Description

Dataset for Exercise F, Chapter 15

Usage

dse15f

Format

A data.frame with 20 rows and 6 variables:

x1

x2

x3

x4

x5

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15f

dse15h*Dataset for Exercise H, Chapter 15*

Description

Dataset for Exercise H, Chapter 15

Usage

dse15h

Format

A data.frame with 33 rows and 10 variables:

year

x1

x2

x3

x4

x5

x6

x7

x8

x9

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15h

dse15i

Dataset for Exercise I, Chapter 15

Description

Dataset for Exercise I, Chapter 15

Usage

dse15i

Format

A data.frame with 48 rows and 6 variables:

x1

x2

x3

x4

x5

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15i

dse15j

Dataset for Exercise J, Chapter 15

Description

Dataset for Exercise J, Chapter 15

Usage

dse15j

Format

A data.frame with 16 rows and 7 variables:

x1
x2
x3
x4
x5
x6
y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15j

dse15k

Dataset for Exercise K, Chapter 15

Description

Dataset for Exercise K, Chapter 15

Usage

dse15k

Format

A data.frame with 16 rows and 6 variables:

y1
y2
x1
x2
x3
x4

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15k

dse15l

Dataset for Exercise L, Chapter 15

Description

Dataset for Exercise L, Chapter 15

Usage

dse15l

Format

A data.frame with 15 rows and 8 variables:

x1

x2

x3

x4

x5

x6

x7

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15l

dse15n

Dataset for Exercise N, Chapter 15

Description

Dataset for Exercise N, Chapter 15

Usage

dse15n

Format

A data.frame with 21 rows and 4 variables:

x1

x2

x3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15n

dse15p

Dataset for Exercise P, Chapter 15

Description

Dataset for Exercise P, Chapter 15

Usage

dse15p

Format

A data.frame with 16 rows and 6 variables:

x1

x2

x3

x4

x5

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse15p

dse16a

Dataset for Exercise A, Chapter 16

Description

Dataset for Exercise A, Chapter 16

Usage

dse16a

Format

A data.frame with 5 rows and 4 variables:

x1

x2

x3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse16a

dse16b

Dataset for Exercise B, Chapter 16

Description

Dataset for Exercise B, Chapter 16

Usage

dse16b

Format

A data.frame with 6 rows and 4 variables:

x1

x2

x3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse16b

dse16c

Dataset for Exercise C, Chapter 16

Description

Dataset for Exercise C, Chapter 16

Usage

dse16c

Format

A data.frame with 7 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse16c

dse16d

Dataset for Exercise D, Chapter 16

Description

Dataset for Exercise D, Chapter 16

Usage

dse16d

Format

A data.frame with 5 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse16d

dse17b

Dataset for Exercise B, Chapter 17

Description

Dataset for Exercise B, Chapter 17

Usage

dse17b

Format

A data.frame with 8 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse17b

dse19d

Dataset for Exercise D, Chapter 19

Description

Dataset for Exercise D, Chapter 19

Usage

dse19d

Format

A data.frame with 8 rows and 4 variables:

x1

x2

x3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse19d

dse22a*Dataset for Exercise A, Chapter 22*

Description

Dataset for Exercise A, Chapter 22

Usage

dse22a

Format

A data.frame with 11 rows and 9 variables:

a

b

p0

p1

p2

p3

p4

p5

p6

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse22a

dse22b*Dataset for Exercise B, Chapter 22*

Description

Dataset for Exercise B, Chapter 22

Usage

dse22b

Format

A data.frame with 6 rows and 4 variables:

y

x1

x2

x3

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse22b

dse22c*Dataset for Exercise C, Chapter 22*

Description

Dataset for Exercise C, Chapter 22

Usage

dse22c

Format

A data.frame with 20 rows and 7 variables:

p1

p2

p3

p4

p5

p6

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse22c

dse22d

Dataset for Exercise D, Chapter 22

Description

Dataset for Exercise D, Chapter 22

Usage

dse22d

Format

A data.frame with 10 rows and 9 variables:

time

weight_diff

p0

p1

p2

p3

p4

p5

p6

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse22d

dse22e

Dataset for Exercise E, Chapter 22

Description

Dataset for Exercise E, Chapter 22

Usage

dse22e

Format

A data.frame with 9 rows and 7 variables:

y

x1

x2

x3

x4

x5

x6

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse22e

`dse22f`*Dataset for Exercise F, Chapter 22*

Description

Dataset for Exercise F, Chapter 22

Usage`dse22f`**Format**

A data.frame with 12 rows and 7 variables:

`y``x1``x2``x3``x4``x5``x6`**Source**

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples`dse22f`

`dse22g`*Dataset for Exercise G, Chapter 22*

Description

Dataset for Exercise G, Chapter 22

Usage`dse22g`

Format

A data.frame with 24 rows and 5 variables:

age
n
weight
sd
category

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse22g

dse23a_a

Dataset for Exercise A-a, Chapter 23

Description

Dataset for Exercise A-a, Chapter 23

Usage

dse23a_a

Format

A data.frame with 18 rows and 7 variables:

pressure
time
x1
x2
x3
x4
y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse23a_a

`dse23a_b`*Dataset for Exercise A-b, Chapter 23*

Description

Dataset for Exercise A-b, Chapter 23

Usage`dse23a_b`**Format**

A data.frame with 18 rows and 7 variables:

premix**finish****x1****x2****x3****x4****y****Source**

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples`dse23a_b`

`dse23d`*Dataset for Exercise D, Chapter 23*

Description

Dataset for Exercise D, Chapter 23

Usage`dse23d`

Format

A data.frame with 19 rows and 2 variables:

pcal
bstrength

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse23d

dse23e

Dataset for Exercise E, Chapter 23

Description

Dataset for Exercise E, Chapter 23

Usage

dse23e

Format

A data.frame with 16 rows and 9 variables:

al
bl
cl
dl
a
b
c
d
y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse23e

dse23f

Dataset for Exercise F, Chapter 23

Description

Dataset for Exercise F, Chapter 23

Usage

dse23f

Format

A data.frame with 9 rows and 4 variables:

group

z1

z2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse23f

dse23g_1

Dataset for Exercise G-1, Chapter 23

Description

Dataset for Exercise G-1, Chapter 23

Usage

dse23g_1

Format

A data.frame with 15 rows and 9 variables:

level

tube

x1

x2

x3

x4

x5

x6

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse23g_1

dse23g_2

Dataset for Exercise G-2, Chapter 23

Description

Dataset for Exercise G-2, Chapter 23

Usage

dse23g_2

Format

A data.frame with 15 rows and 9 variables:

level

tube

x1

x2

x3

x4

x5

x6

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse23g_2

dse23h

Dataset for Exercise H, Chapter 23

Description

Dataset for Exercise H, Chapter 23

Usage

dse23h

Format

A data.frame with 16 rows and 6 variables:

x1

x2

x3

x2x3

matings

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse23h

dse24a*Dataset for Exercise A, Chapter 24*

Description

Dataset for Exercise A, Chapter 24

Usage

dse24a

Format

A data.frame with 3 rows and 2 variables:

t

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24a

dse24b*Dataset for Exercise B, Chapter 24*

Description

Dataset for Exercise B, Chapter 24

Usage

dse24b

Format

A data.frame with 12 rows and 2 variables:

t

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24b

dse24c

Dataset for Exercise C, Chapter 24

Description

Dataset for Exercise C, Chapter 24

Usage

dse24c

Format

A data.frame with 4 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24c

dse24d

Dataset for Exercise D, Chapter 24

Description

Dataset for Exercise D, Chapter 24

Usage

dse24d

Format

A data.frame with 5 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24d

dse24e

Dataset for Exercise E, Chapter 24

Description

Dataset for Exercise E, Chapter 24

Usage

dse24e

Format

A data.frame with 14 rows and 2 variables:

t

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24e

dse24g

Dataset for Exercise G, Chapter 24

Description

Dataset for Exercise G, Chapter 24

Usage

dse24g

Format

A data.frame with 5 rows and 2 variables:

t

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24g

dse24h

Dataset for Exercise H, Chapter 24

Description

Dataset for Exercise H, Chapter 24

Usage

dse24h

Format

A data.frame with 38 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24h

dse24i*Dataset for Exercise I, Chapter 24*

Description

Dataset for Exercise I, Chapter 24

Usage

dse24i

Format

A data.frame with 8 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24i

dse24j*Dataset for Exercise J, Chapter 24*

Description

Dataset for Exercise J, Chapter 24

Usage

dse24j

Format

A data.frame with 13 rows and 3 variables:

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24j

dse24k	<i>Dataset for Exercise K, Chapter 24</i>
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Description

Dataset for Exercise K, Chapter 24

Usage

dse24k

Format

A data.frame with 5 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24k

dse24l	<i>Dataset for Exercise L, Chapter 24</i>
--------	---

Description

Dataset for Exercise L, Chapter 24

Usage

dse24l

Format

A data.frame with 55 rows and 3 variables:

t

y

set

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24l

dse24m

Dataset for Exercise M, Chapter 24

Description

Dataset for Exercise M, Chapter 24

Usage

dse24m

Format

A data.frame with 43 rows and 2 variables:

t

m

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24m

dse24n

Dataset for Exercise N, Chapter 24

Description

Dataset for Exercise N, Chapter 24

Usage

dse24n

Format

A data.frame with 7 rows and 6 variables:

t

w1

w2

w3

w4

w5

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24n

dse24o

Dataset for Exercise O, Chapter 24

Description

Dataset for Exercise O, Chapter 24

Usage

dse24o

Format

A data.frame with 4 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24o

dse24p

Dataset for Exercise P, Chapter 24

Description

Dataset for Exercise P, Chapter 24

Usage

dse24p

Format

A data.frame with 5 rows and 3 variables:

x

y

z

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dse24p

dsq23_3_3	<i>Dataset for Equation 23.3.3</i>
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Description

Dataset for Equation 23.3.3

Usage

dsq23_3_3

Format

A data.frame with 30 rows and 5 variables:

- x0
- x1
- x2
- x3
- y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dsq23_3_3

dsq23_3_7	<i>Dataset for Equation 23.3.7</i>
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Description

Dataset for Equation 23.3.7

Usage

dsq23_3_7

Format

A data.frame with 30 rows and 4 variables:

x0

z1

z2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dsq23_3_7

dsq23_7_5

Dataset for Equation 23.7.5

Description

Dataset for Equation 23.7.5

Usage

dsq23_7_5

Format

A data.frame with 24 rows and 12 variables:

x1

x2

x3

x4

x5

x6

x7

x8

x9

x10

x11

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dsq23_7_5

dss217

Dataset for Section 21.7

Description

Dataset for Section 21.7

Usage

dss217

Format

A data.frame with 25 rows and 3 variables:

y

x6

x8

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dss217

dss222	<i>Dataset for Section 22.2</i>
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Description

Dataset for Section 22.2

Usage

dss222

Format

A data.frame with 75 rows and 8 variables:

n
p0
p1
p2
p3
p4
p5
p6

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dss222

dss2310	<i>Dataset for Section 23.10</i>
---------	----------------------------------

Description

Dataset for Section 23.10

Usage

dss2310

Format

A data.frame with 24 rows and 3 variables:

rown
column
y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dss2310

dst021	<i>Dataset from Table 02.1</i>
--------	--------------------------------

Description

Dataset from Table 02.1

Usage

dst021

Format

A data.frame with 23 rows and 3 variables:

time_order
y
x

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst021

dst032*Dataset from Table 03.2*

Description

Dataset from Table 03.2

Usage

dst032

Format

A data.frame with 49 rows and 3 variables:

v26

logs

z

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst032

dst033*Dataset from Table 03.3*

Description

Dataset from Table 03.3

Usage

dst033

Format

A data.frame with 20 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst033

dst081	<i>Dataset from Table 08.1</i>
--------	--------------------------------

Description

Dataset from Table 08.1

Usage

dst081

Format

A data.frame with 21 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst081

dst121	<i>Dataset from Table 12.1</i>
--------	--------------------------------

Description

Dataset from Table 12.1

Usage

dst121

Format

A data.frame with 20 rows and 5 variables:

x1

x2

x3

y

y4

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst121

dst132

Dataset from Table 13.2

Description

Dataset from Table 13.2

Usage

dst132

Format

A data.frame with 23 rows and 3 variables:

p

f

Y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst132

dst134	<i>Dataset from Table 13.4</i>
--------	--------------------------------

Description

Dataset from Table 13.4

Usage

dst134

Format

A data.frame with 23 rows and 3 variables:

p
f
lny

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst134

dst141	<i>Dataset from Table 14.1</i>
--------	--------------------------------

Description

Dataset from Table 14.1

Usage

dst141

Format

A data.frame with 13 rows and 4 variables:

x
z1
z2
y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst141

dst144

Dataset from Table 14.4

Description

Dataset from Table 14.4

Usage

dst144

Format

A data.frame with 9 rows and 4 variables:

x0

x1

x2

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst144

dst145	<i>Dataset from Table 14.5</i>
Description	
Dataset from Table 14.5	
Usage	
dst145	
Format	
A data.frame with 9 rows and 4 variables:	
x0	
x1	
x2	
y	
Source	
Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley	
Examples	
dst145	
dst146	<i>Dataset from Table 14.6</i>

Description

Dataset from Table 14.6

Usage

dst146

Format

A data.frame with 9 rows and 5 variables:

x0

x1

x2

x3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst146

dst181

Dataset from Table 18.1

Description

Dataset from Table 18.1

Usage

dst181

Format

A data.frame with 10 rows and 3 variables:

areaa

areab

month

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst181

dst191	<i>Dataset from Table 19.1</i>
--------	--------------------------------

Description

Dataset from Table 19.1

Usage

dst191

Format

A data.frame with 10 rows and 4 variables:

x1

x2

x3

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst191

dst192	<i>Dataset from Table 19.2</i>
--------	--------------------------------

Description

Dataset from Table 19.2

Usage

dst192

Format

A data.frame with 36 rows and 8 variables:

z2
z3
z4
x1
x2
x3
x4
y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst192

dst232	<i>Dataset from Table 23.2</i>
--------	--------------------------------

Description

Dataset from Table 23.2

Usage

dst232

Format

A data.frame with 30 rows and 2 variables:

group
y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst232

`dst242`*Dataset from Table 24.2*

Description

Dataset from Table 24.2

Usage`dst242`**Format**

A `data.frame` with 44 rows and 2 variables:

x

y

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples`dst242`

`dst252`*Dataset from Table 25.2*

Description

Dataset from Table 25.2

Usage`dst252`**Format**

A `data.frame` with 20 rows and 3 variables:

type

y1974

y1992

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst252

dst253	<i>Dataset from Table 25.3</i>
--------	--------------------------------

Description

Dataset from Table 25.3

Usage

dst253

Format

A data.frame with 25 rows and 2 variables:

height

diameter

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

dst253

dst261	<i>Dataset from Table 26.1</i>
--------	--------------------------------

Description

Dataset from Table 26.1

Usage

dst261

Format

A `data.frame` with 10 rows and 2 variables:

x1974

y1992

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

`dst261`

<code>dsx161</code>	<i>Dataset for Example 1, Chapter 16</i>
---------------------	--

Description

Dataset for Example 1, Chapter 16

Usage

`dsx161`

Format

A `matrix` with 6 rows and 5 columns.

Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysis, 3rd ed., New York: Wiley

Examples

`dsx161`

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