# Package 'aprean3'

October 12, 2022

<b>Title</b> Datasets from Draper and Smith `Applied Regression Analysis" (3rd Ed., 1998)									
Version 1.0.1									
<b>Date</b> 2015-05-09									
<b>Description</b> An unofficial companion to the textbook "Applied Regression Analysis" by N.R. Draper and H. Smith (3rd Ed., 1998) including all the accompanying datasets.									
<pre>URL https://github.com/lbraglia/aprean3</pre>									
<pre>BugReports https://github.com/lbraglia/aprean3/issues</pre>									
<b>Depends</b> R (>= $3.1.1$ )									
License GPL-3									
LazyData true									
NeedsCompilation no									
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Repository CRAN									
<b>Date/Publication</b> 2015-05-09 23:10:33									
R topics documented:									
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aprean3 Datasets from Draper and Smith, "Applied Regression Analysis" (3rd ed., 1998)

# 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 Dataset for Appendix A, Chapter 01

# **Description**

Dataset for Appendix A, Chapter 01

#### Usage

dsa01a

6 dsa06b

# **Format**

A data. frame with 25 rows and 10 variables:

x1

x2

x3

**x4** 

**x5** 

**x6** 

**x**7

**x8** 

**x9** 

x10

#### Source

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

dsa15a 7

# **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
- $\mathbf{x2}$
- **x3**
- **x4**

y

# Source

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

# **Examples**

dsa15a

dse03a

Dataset for Exercise A, Chapter 03

# Description

Dataset for Exercise A, Chapter 03

# Usage

dse03a

8 dse03aa

# **Format**

A data.frame with 11 rows and 2 variables:

 $\mathbf{X}$ 

y

#### **Source**

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

# **Examples**

dse03aa

dse03bb

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 Analysi, 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 Analyis, 3rd ed., New York: Wiley

10 dse03dd

# **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:

 $\mathbf{X}$ 

y

#### **Source**

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

dse03e

# Source

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

# **Examples**

dse03e

12 dse03f

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 Analysi, 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 Analyis, 3rd ed., New York: Wiley

dse03g

# 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 Analysi, 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

14 dse03hh

# **Source**

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

# Examples

dse03h

dse03hh

Dataset for Exercise HH, Chapter 03

# Description

Dataset for Exercise HH, Chapter 03

# Usage

dse03hh

dse03i

# **Format**

A data.frame with 29 rows and 2 variables:

 $\mathbf{X}$ 

y

#### **Source**

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

# **Examples**

dse03i

16 dse03j

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

 $\mathbf{x}$ 

#### **Source**

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

dse03jj

# 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

 $\mathbf{X}$ 

# Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

 $\mathbf{X}$ 

18 dse03k

# **Source**

Draper, N.R., Smith, H., (1998) Applied Regression Analyis, 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:

 $\mathbf{y}$ 

X

# Source

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

# Examples

dse03jj3

dse03k

Dataset for Exercise K, Chapter 03

# Description

Dataset for Exercise K, Chapter 03

# Usage

dse03k

dse03kk 19

# **Format**

A data.frame with 34 rows and 2 variables:

y

X

#### **Source**

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

# **Examples**

dse03kk

20 dse03n

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

 $\mathbf{x}$ 

#### **Source**

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

dse03o 21

# **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:

 $\mathbf{X}$ 

y

#### **Source**

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

dse03w

# **Source**

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

# Examples

dse03v

dse03w

Dataset for Exercise W, Chapter 03

# Description

Dataset for Exercise W, Chapter 03

# Usage

dse03w

dse03x

# **Format**

A data. frame with 14 rows and 2 variables:

year

price

#### Source

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

# **Examples**

dse03x

24 dse04d

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 Analysi, 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 Analyis, 3rd ed., New York: Wiley

dse04e 25

# **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 Analyis, 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

хy

26 dse06a

# **Source**

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

 $\mathbf{x2}$ 

y

# **Source**

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

# **Examples**

dse06a

dse06b 27

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 Analyis, 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:

v

x1

**x2** 

28 dse06d



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

# **Examples**

dse06d

dse06e 29

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 Analyis, 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

30 dse06g

# Source

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

# **Examples**

dse06g

dse06h 31

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

 $\mathbf{X}$ 

Z

# Source

Draper, N.R., Smith, H., (1998) Applied Regression Analyis, 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

32 dse06j

# Source

Draper, N.R., Smith, H., (1998) Applied Regression Analyis, 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

 $\mathbf{x2}$ 

y

# Source

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

# Examples

dse06j

dse06k 33

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

 $\mathbf{x2}$ 

y

# Source

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

# **Examples**

dse06k

dse061

Dataset for Exercise L, Chapter 06

# Description

Dataset for Exercise L, Chapter 06

# Usage

dse061

# **Format**

A data.frame with 9 rows and 4 variables:

# batchn

t

c

y

34 dse07b

# **Source**

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

# **Examples**

dse061

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 Analysi, 3rd ed., New York: Wiley

# Examples

dse06z

dse07b

Dataset for Exercise B, Chapter 07

# Description

Dataset for Exercise B, Chapter 07

# Usage

dse07b

dse07c 35

# **Format**

A data. frame with 48 rows and 4 variables:

time

set1

set2

set3

# Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

 $\mathbf{x2}$ 

**x3** 

**x4** 

x5

**x6** 

# Source

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

# **Examples**

dse07c

36 dse09b

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 Analyis, 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

dse12a 37

### Source

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

### **Examples**

dse12a

38 dse12c

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 Analysi, 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

dse12d 39

#### Source

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

# **Examples**

dse12d

40 dse12h

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 Analyis, 3rd ed., New York: Wiley

# **Examples**

dse12e

dse12h

Dataset for Exercise H, Chapter 12

### Description

Dataset for Exercise H, Chapter 12

### Usage

dse12h

dse13a 41

### **Format**

A data.frame with 27 rows and 4 variables:

x1

x2

**x3** 

y

### Source

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

# **Examples**

dse13a

42 dse13c

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

V

ytype

### Source

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

### **Examples**

dse13b

dse13c

Dataset for Exercise C, Chapter 13

### Description

Dataset for Exercise C, Chapter 13

### Usage

dse13c

dse13d 43

### **Format**

A data. frame with 11 rows and 6 variables:

x1

 $\mathbf{x2}$ 

x3

**x4** 

**y1** 

**y2** 

#### Source

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

### **Examples**

dse13d

44 dse13f

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 Analyis, 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

dse13g 45

### Source

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

# **Examples**

dse13g

46 dse14b

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 Analyis, 3rd ed., New York: Wiley

# **Examples**

dse13h

dse14b

Dataset for Exercise B, Chapter 14

### Description

Dataset for Exercise B, Chapter 14

### Usage

dse14b

dse14c 47

#### **Format**

A data. frame with 18 rows and 5 variables:

y

tiller

type

nrate

X

### Source

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

### **Examples**

dse14c

48 dse14e

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
- $\mathbf{z}^2$
- z3
- **z4**
- **z**5

#### Source

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

# **Examples**

dse14d

dse14e

Dataset for Exercise E, Chapter 14

# Description

Dataset for Exercise E, Chapter 14

### Usage

dse14e

dse14f 49

### **Format**

A data. frame with 6 rows and 6 variables:

7.0

z1

 $\mathbf{z}^2$ 

z3

**z4** 

**z**5

### Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

 $z^2$ 

z3

z4

**z**5

#### Source

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

# **Examples**

dse14f

50 dse14j

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

 $\mathbf{x0}$ 

x1

**x2** 

**x3** 

#### **Source**

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

dse141 51

### Source

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

# **Examples**

dse14j

dse14l

Dataset for Exercise L, Chapter 14

### Description

Dataset for Exercise L, Chapter 14

### Usage

dse141

#### **Format**

A data.frame with 8 rows and 3 variables:

set

 $\mathbf{X}$ 

y

# Source

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

# **Examples**

dse141

52 dse14r

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**
- $\mathbf{x2}$
- **y2**
- **x3**
- **y3**

#### Source

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

# **Examples**

dse14q

dse14r

Dataset for Exercise R, Chapter 14

### Description

Dataset for Exercise R, Chapter 14

### Usage

dse14r

dse14s 53

### **Format**

A data. frame with 48 rows and 4 variables:

hoot

subject

temperature

drop

#### Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

 $\mathbf{Z}\mathbf{X}$ 

y

#### **Source**

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

#### **Examples**

dse14s

54 dse14u

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

 $\mathbf{X}\mathbf{Z}$ 

y

#### Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

 $z^2$ 

z3

y

dse15a 55

#### Source

Draper, N.R., Smith, H., (1998) Applied Regression Analyis, 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** 

**x**5

y

#### **Source**

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

# **Examples**

dse15a

56 dse15c

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 Analysi, 3rd ed., New York: Wiley

### **Examples**

dse15b

dse15c

Dataset for Exercise C, Chapter 15

# Description

Dataset for Exercise C, Chapter 15

### Usage

dse15c

dse15e 57

#### **Format**

A data. frame with 20 rows and 6 variables:

x1

x2

**x3** 

**x4** 

**x**5

y

#### Source

Draper, N.R., Smith, H., (1998) Applied Regression Analyis, 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** 

**x**5

**x6** 

x7

### Source

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

58 dse15f

# 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** 

**x**5

y

# Source

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

# **Examples**

dse15f

dse15h 59

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

 $\mathbf{x2}$ 

x3

**x4** 

**x5** 

**x6** 

**x**7

x8

**x9** 

#### Source

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

# Examples

dse15h

60 dse15j

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 Analysi, 3rd ed., New York: Wiley

# **Examples**

dse15i

dse15j

Dataset for Exercise J, Chapter 15

# Description

Dataset for Exercise J, Chapter 15

# Usage

dse15j

dse15k

### **Format**

A data. frame with 16 rows and 7 variables:

 $\mathbf{x}^{1}$ 

 $\mathbf{x2}$ 

x3

**x4** 

**x5** 

**x6** 

y

### Source

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

### **Examples**

dse15k

62 dse15n

dse15l

Dataset for Exercise L, Chapter 15

### Description

Dataset for Exercise L, Chapter 15

### Usage

dse151

#### **Format**

A data. frame with 15 rows and 8 variables:

- x1
- x2
- x3
- **x4**
- **x5**
- **x6**
- **x**7

y

## Source

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

### **Examples**

dse15l

dse15n

Dataset for Exercise N, Chapter 15

# Description

Dataset for Exercise N, Chapter 15

# Usage

dse15n

dse15p

### **Format**

A data. frame with 21 rows and 4 variables:

x1

x2

x3

y

#### Source

Draper, N.R., Smith, H., (1998) Applied Regression Analyis, 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** 

**x**5

y

### Source

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

### **Examples**

dse15p

dse16b

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 Analysi, 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

dse16c 65

### Source

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

# **Examples**

dse16c

66 dse17b

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 Analyis, 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

dse19d 67

### Source

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

# **Examples**

dse19d

68 dse22a

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

 $\mathbf{p0}$ 

p1

**p2** 

р3

p4

p5 p6

#### Source

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

# Examples

dse22a

dse22b 69

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

 $\mathbf{x2}$ 

x3

### Source

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

### **Examples**

dse22b

dse22c

Dataset for Exercise C, Chapter 22

# Description

Dataset for Exercise C, Chapter 22

### Usage

dse22c

70 dse22d

### **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 Analysi, 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** 

dse22e 71

#### Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

 $\mathbf{x2}$ 

**x3** 

**x4** 

**x5** 

**x6** 

#### Source

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

# Examples

dse22e

72 dse22g

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

 $\mathbf{x2}$ 

**x3** 

**x4** 

**x**5

**x6** 

#### **Source**

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

# **Examples**

dse22f

dse22g

Dataset for Exercise G, Chapter 22

# Description

Dataset for Exercise G, Chapter 22

### Usage

dse22g

dse23a\_a 73

### **Format**

A data. frame with 24 rows and 5 variables:

age

n

weight

 $\mathbf{sd}$ 

category

#### Source

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

# **Examples**

dse23a\_a

74 dse23d

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

 $\mathbf{x2}$ 

**x3** 

**x4** 

y

#### **Source**

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

# **Examples**

dse23a\_b

dse23d

Dataset for Exercise D, Chapter 23

# Description

Dataset for Exercise D, Chapter 23

# Usage

dse23d

dse23e 75

### **Format**

A data. frame with 19 rows and 2 variables:

pcal

bstrength

#### **Source**

Draper, N.R., Smith, H., (1998) Applied Regression Analyis, 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

\_

b

c

d

y

# Source

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

# Examples

dse23e

76 dse23g\_1

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

 $\mathbf{z}\mathbf{2}$ 

y

# Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

dse23g\_2 77

# **Format**

A data. frame with 15 rows and 9 variables:

leve

tube

x1

**x2** 

x3

**x4** 

x5

110

**x6** 

y

### Source

Draper, N.R., Smith, H., (1998) Applied Regression Analyis, 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** 

**x**5

**x6** 

78 dse23h

# Source

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

# **Examples**

dse23h

dse24a 79

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 Analysi, 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 Analyis, 3rd ed., New York: Wiley

80 dse24d

# **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:

 $\mathbf{X}$ 

y

#### **Source**

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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:

 $\mathbf{x}$ 

dse24e 81

### **Source**

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

# Examples

dse24e

dse24g

Dataset for Exercise G, Chapter 24

# Description

Dataset for Exercise G, Chapter 24

# Usage

dse24g

82 dse24h

# **Format**

A data. frame with 5 rows and 2 variables:

t

y

#### Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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

 $\mathbf{x2}$ 

y

### Source

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

# **Examples**

dse24h

dse24i 83

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 Analyis, 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

84 dse241

### **Source**

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

# **Examples**

dse24j

dse24k

Dataset for Exercise K, Chapter 24

# 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 Analysi, 3rd ed., New York: Wiley

# Examples

dse24k

dse241

Dataset for Exercise L, Chapter 24

# Description

Dataset for Exercise L, Chapter 24

### Usage

dse241

dse24m 85

# **Format**

A data. frame with 55 rows and 3 variables:

t

y

set

### Source

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

# **Examples**

dse241

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 Analysi, 3rd ed., New York: Wiley

# **Examples**

dse24m

86 dse24o

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 Analyis, 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

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

Examples

dse24p

dse24o

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

 $\mathbf{z}$ 

### Source

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

# **Examples**

dse24p

dsq23\_3\_7

dsq23\_3\_3

Dataset for Equation 23.3.3

# Description

Dataset for Equation 23.3.3

# Usage

dsq23\_3\_3

#### **Format**

A data. frame with 30 rows and 5 variables:

 $\mathbf{x0}$ 

x1

 $\mathbf{x2}$ 

x3

y

# Source

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

# Examples

dsq23\_3\_3

dsq23\_3\_7

Dataset for Equation 23.3.7

# Description

Dataset for Equation 23.3.7

### Usage

dsq23\_3\_7

dsq23\_7\_5

# **Format**

A data. frame with 30 rows and 4 variables:

 $\mathbf{x0}$ 

z1

 $\mathbf{z}\mathbf{2}$ 

y

### Source

Draper, N.R., Smith, H., (1998) Applied Regression Analyis, 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** 

 $\mathbf{x2}$ 

x3

**x4** 

**x5** 

**x6** 

**x**7

x8

**x9** 

x10

x11

90 dss217

### Source

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

# **Examples**

dss217

dss222 91

dss222

Dataset for Section 22.2

# Description

Dataset for Section 22.2

# Usage

dss222

### **Format**

A data. frame with 75 rows and 8 variables:

n

p0

p1

**p2** 

**p3** 

**p4** 

**p**5

**p6** 

# Source

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

# **Examples**

dss222

dss2310

Dataset for Section 23.10

# 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 Analyis, 3rd ed., New York: Wiley

# **Examples**

dss2310

dst021

Dataset from Table 02.1

# 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 Analysi, 3rd ed., New York: Wiley

# **Examples**

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 Analyis, 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:

 $\mathbf{X}$ 

### Source

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

# **Examples**

dst033

dst081

Dataset from Table 08.1

# 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 Analyis, 3rd ed., New York: Wiley

# Examples

dst081

dst121

Dataset from Table 12.1

# Description

Dataset from Table 12.1

### Usage

# **Format**

A data. frame with 20 rows and 5 variables:

**x**1

x2

x3

y

**y4** 

### Source

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

# **Examples**

dst134

Dataset from Table 13.4

# 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 Analyis, 3rd ed., New York: Wiley

# **Examples**

dst134

dst141

Dataset from Table 14.1

# Description

Dataset from Table 14.1

# Usage

dst141

# **Format**

A data. frame with 13 rows and 4 variables:

X

z1

z2

dst144 97

# Source

Draper, N.R., Smith, H., (1998) Applied Regression Analysi, 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:

 $\mathbf{x0}$ 

x1

 $\mathbf{x2}$ 

y

### **Source**

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

# **Examples**

dst145

Dataset from Table 14.5

# Description

Dataset from Table 14.5

# Usage

dst145

### **Format**

A data. frame with 9 rows and 4 variables:

vΛ

x1

x2

y

### Source

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

# **Examples**

dst145

dst146

Dataset from Table 14.6

# Description

Dataset from Table 14.6

# Usage

dst146

#### **Format**

A data. frame with 9 rows and 5 variables:

 $\mathbf{x0}$ 

x1

 $\mathbf{x2}$ 

x3

# Source

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

# **Examples**

dst191

Dataset from Table 19.1

# 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 Analyis, 3rd ed., New York: Wiley

# **Examples**

dst191

dst192

Dataset from Table 19.2

# Description

Dataset from Table 19.2

# Usage

# **Format**

A data. frame with 36 rows and 8 variables:

 $\mathbf{z}\mathbf{2}$ 

z3

z4

x1

x2

**x3** 

**x4** 

y

#### Source

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

# **Examples**

dst192

dst232

Dataset from Table 23.2

# 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 Analysi, 3rd ed., New York: Wiley

# **Examples**

dst242

Dataset from Table 24.2

# Description

Dataset from Table 24.2

# Usage

dst242

### **Format**

A data. frame with 44 rows and 2 variables:

 $\mathbf{X}$ 

y

# Source

Draper, N.R., Smith, H., (1998) Applied Regression Analyis, 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

### Source

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

# **Examples**

dst252

dst253

Dataset from Table 25.3

# 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 Analysi, 3rd ed., New York: Wiley

# Examples

dst253

dst261

Dataset from Table 26.1

# Description

Dataset from Table 26.1

# Usage

104 dsx161

### **Format**

A data. frame with 10 rows and 2 variables:

x1974

y1992

### Source

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

# **Examples**

dst261

dsx161

Dataset for Example 1, Chapter 16

# 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 Analysi, 3rd ed., New York: Wiley

# **Examples**

dsx161

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