\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_ (R)

/\_\_ / \_\_\_\_/ / \_\_\_\_/

\_\_\_/ / /\_\_\_/ / /\_\_\_/ 15.0 Copyright 1985-2017 StataCorp LLC

Statistics/Data Analysis StataCorp

4905 Lakeway Drive

Special Edition College Station, Texas 77845 USA

800-STATA-PC http://www.stata.com

979-696-4600 stata@stata.com

979-696-4601 (fax)

100-student Stata lab perpetual license:

Serial number: 401506209499

Licensed to: 顾仪

Notes:

1. Unicode is supported; see help unicode\_advice.

2. Maximum number of variables is set to 5000; see help set\_maxvar.

. use "/Users/guyi/Desktop/大二下学期/金融计量学/课件数据/grilic\_small.dta"

. hist s,w(1),freq

invalid 'freq'

r(198);

. hist s,w(1) freq

(bin=7, start=11, width=1)

. sc lnw s

. gen n=\_n

. sc lnw s,mlabel(n)

. su m

variable m not found

r(111);

. sum s

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

s | 30 13.8 2.139932 11 18

. sum

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

s | 30 13.8 2.139932 11 18

expr | 30 1.658667 2.445213 0 10.077

lnw | 30 5.7932 .3679956 4.868 6.356

n | 30 15.5 8.803408 1 30

. ta s

schooling | Freq. Percent Cum.

------------+-----------------------------------

11 | 3 10.00 10.00

12 | 12 40.00 50.00

14 | 1 3.33 53.33

15 | 3 10.00 63.33

16 | 10 33.33 96.67

18 | 1 3.33 100.00

------------+-----------------------------------

Total | 30 100.00

. pwcorr lnw s expr,sig star(.05)

| lnw s expr

-------------+---------------------------

lnw | 1.0000

|

|

s | 0.5368\* 1.0000

| 0.0022

|

expr | 0.2029 -0.1132 1.0000

| 0.2823 0.5514

|

. g lns=log(s)

. g s2=s^2

. g exprs=s\*expr

. gen college=(s>=16)

. rename colleg=college

syntax error

Syntax is

rename oldname newname [, renumber[(#)] addnumber[(#)] sort ...]

rename (oldnames) (newnames) [, renumber[(#)] addnumber[(#)] sort ...]

rename oldnames , {upper|lower|proper}

r(198);

. rename college co

. drop co

. sort(s)

. s

command s is unrecognized

r(199);

. d

Contains data from /Users/guyi/Desktop/大二下学期/金融计量学/课件数据/grilic\_small.dta

obs: 30

vars: 7 12 Mar 2015 20:29

size: 750

----------------------------------------------------------------------------------------

storage display value

variable name type format label variable label

----------------------------------------------------------------------------------------

s byte %8.0g schooling

expr float %9.0g experience

lnw float %9.0g ln(wage)

n float %9.0g

lns float %9.0g

s2 float %9.0g

exprs float %9.0g

----------------------------------------------------------------------------------------

Sorted by: s

Note: Dataset has changed since last saved.

. l s

+----+

| s |

|----|

1. | 11 |

2. | 11 |

3. | 11 |

4. | 12 |

5. | 12 |

|----|

6. | 12 |

7. | 12 |

8. | 12 |

9. | 12 |

10. | 12 |

|----|

11. | 12 |

12. | 12 |

13. | 12 |

14. | 12 |

15. | 12 |

|----|

16. | 14 |

17. | 15 |

18. | 15 |

19. | 15 |

20. | 16 |

|----|

21. | 16 |

22. | 16 |

23. | 16 |

24. | 16 |

25. | 16 |

|----|

26. | 16 |

27. | 16 |

28. | 16 |

29. | 16 |

30. | 18 |

+----+

. l s lnw if s>=16

+------------+

| s lnw |

|------------|

20. | 16 6.315 |

21. | 16 6.068 |

22. | 16 6.136 |

23. | 16 5.979 |

24. | 16 6.109 |

|------------|

25. | 16 6.071 |

26. | 16 5.841 |

27. | 16 5.501 |

28. | 16 6.176 |

29. | 16 6.071 |

|------------|

30. | 18 6.215 |

+------------+

. sort s

. l

+-----------------------------------------------------+

| s expr lnw n lns s2 exprs |

|-----------------------------------------------------|

1. | 11 1.006 5.778 24 2.397895 121 11.066 |

2. | 11 1 4.868 2 2.397895 121 11 |

3. | 11 2.962 5.704 11 2.397895 121 32.582 |

4. | 12 .692 5.481 6 2.484907 144 8.304 |

5. | 12 0 5.493 12 2.484907 144 0 |

|-----------------------------------------------------|

6. | 12 0 5.142 22 2.484907 144 0 |

7. | 12 0 5.823 7 2.484907 144 0 |

8. | 12 10.077 6.12 15 2.484907 144 120.924 |

9. | 12 0 5.165 29 2.484907 144 0 |

10. | 12 4.333 5.481 19 2.484907 144 51.996 |

|-----------------------------------------------------|

11. | 12 7.128 6.356 14 2.484907 144 85.536 |

12. | 12 .916 5.416 10 2.484907 144 10.992 |

13. | 12 0 6.082 17 2.484907 144 0 |

14. | 12 0 5.529 28 2.484907 144 0 |

15. | 12 1.191 5.964 5 2.484907 144 14.292 |

|-----------------------------------------------------|

16. | 14 1.378 5.652 21 2.639057 196 19.292 |

17. | 15 1.374 5.849 18 2.70805 225 20.61 |

18. | 15 .255 5.652 25 2.70805 225 3.825 |

19. | 15 .846 5.759 26 2.70805 225 12.69 |

20. | 16 .798 6.315 3 2.772589 256 12.768 |

|-----------------------------------------------------|

21. | 16 0 6.068 9 2.772589 256 0 |

22. | 16 4.363 6.136 20 2.772589 256 69.808 |

23. | 16 .556 5.979 13 2.772589 256 8.896 |

24. | 16 0 6.109 4 2.772589 256 0 |

25. | 16 1.511 6.071 30 2.772589 256 24.176 |

|-----------------------------------------------------|

26. | 16 1.872 5.841 8 2.772589 256 29.952 |

27. | 16 6.363 5.501 23 2.772589 256 101.808 |

28. | 16 .478 6.176 16 2.772589 256 7.648 |

29. | 16 .277 6.071 27 2.772589 256 4.432 |

30. | 18 .384 6.215 1 2.890372 324 6.912 |

+-----------------------------------------------------+

. save "/Users/guyi/Desktop/大二下学期/金融计量学/homework1.dta"

file /Users/guyi/Desktop/大二下学期/金融计量学/homework1.dta saved

. use "/Users/guyi/Desktop/大二下学期/金融计量学/homework1.dta"

. use "/Users/guyi/Desktop/大二下学期/金融计量学/homework1.dta"

. use "/Users/guyi/Desktop/大二下学期/金融计量学/homework1.dta"

. use "/Users/guyi/Desktop/大二下学期/金融计量学/homework1.dta"

.