```
-------------------------------------------------------------------------------
-
      name:  <unnamed>
       log:  C:\Users\TA0VLW1\Desktop\WORKING\PROGRAMS\ReportTables\DiscGrps.log
  log type:  text
 opened on:  12 Nov 2017, 16:17:31

.
. **** USE DATA SET ********
. use C:\Users\TA0VLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16B

.
. gen blckhisp=0

. replace blckhisp=1 if black==1 | hisp==1
(43 real changes made)

.
. gen Business=0

. replace Business=1 if college==1
(50 real changes made)

. gen Education=0

. replace Education=1 if college==2
(66 real changes made)

. gen CEET=0

. replace CEET=1 if college==3
(33 real changes made)

. gen HHS=0

. replace HHS=1 if college==4
(56 real changes made)

. gen Law=0

. replace Law=1 if college==6
(0 real changes made)

. gen VPA=0

. replace VPA=1 if college==8
(72 real changes made)

. gen Library=0

. replace Library=1 if college==7
(19 real changes made)

. gen PhysSci=0

. replace PhysSci=1 if dept==22 | dept==23 | dept==25 | dept==30 | dept==32 |
dept==3
> 5 | dept==41
(100 real changes made)

. gen BehavSoc=0

. replace BehavSoc=1 if dept==21 | dept==26 | dept==29 | dept==36 | dept==38 |
```

```
dept==
> 39 | dept==40
(84 real changes made)

. gen Human=0

. replace Human=1 if dept==24 | dept==27 | dept==28 | dept==31 | dept==34
(95 real changes made)

.
. gen disgrp=0

. replace disgrp=1 if college==1
(50 real changes made)

. replace disgrp=2 if college==2
(66 real changes made)

. replace disgrp=3 if college==3
(33 real changes made)

. replace disgrp=4 if college==4
(56 real changes made)

. replace disgrp=5.1 if PhysSci==1
(100 real changes made)

. replace disgrp=5.2 if BehavSoc==1
(84 real changes made)

. replace disgrp=5.3 if Human==1
(95 real changes made)

. replace disgrp=6 if college==6
(0 real changes made)

. replace disgrp=7 if college==7
(19 real changes made)

. replace disgrp=8 if college==8
(72 real changes made)

.
. tab college

    college |      Freq.     Percent        Cum.
------------+-----------------------------------
          1 |         50        8.70        8.70
          2 |         66       11.48       20.17
          3 |         33        5.74       25.91
          4 |         56        9.74       35.65
          5 |        279       48.52       84.17
          7 |         19        3.30       87.48
          8 |         72       12.52      100.00
------------+-----------------------------------
      Total |        575      100.00

. tab disgrp

     disgrp |      Freq.     Percent        Cum.
------------+-----------------------------------
          1 |         50        8.70        8.70
          2 |         66       11.48       20.17
```

```
                                    DiscGrps
          3 |         33        5.74       25.91
          4 |         56        9.74       35.65
        5.1 |        100       17.39       53.04
        5.2 |         84       14.61       67.65
        5.3 |         95       16.52       84.17
          7 |         19        3.30       87.48
          8 |         72       12.52      100.00
------------+-----------------------------------
      Total |        575      100.00

.
. save C:\Users\TA0VLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16C, replace
file C:\Users\TA0VLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16C.dta saved

.
. * ALL FACULTY MEMBERS
. by disgrp, sort: tab whmale

-------------------------------------------------------------------------------------------
-
-> disgrp = 1

     whmale |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         28       56.00       56.00
          1 |         22       44.00      100.00
------------+-----------------------------------
      Total |         50      100.00

-------------------------------------------------------------------------------------------
-
-> disgrp = 2

     whmale |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         46       69.70       69.70
          1 |         20       30.30      100.00
------------+-----------------------------------
      Total |         66      100.00

-------------------------------------------------------------------------------------------
-
-> disgrp = 3

     whmale |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         16       48.48       48.48
          1 |         17       51.52      100.00
------------+-----------------------------------
      Total |         33      100.00

-------------------------------------------------------------------------------------------
-
-> disgrp = 4

     whmale |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         48       85.71       85.71
          1 |          8       14.29      100.00
------------+-----------------------------------
      Total |         56      100.00

-------------------------------------------------------------------------------------------
```

```
-
-> disgrp = 5.1

     whmale |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         34       34.00       34.00
          1 |         66       66.00      100.00
------------+-----------------------------------
      Total |        100      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 5.2

     whmale |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         44       52.38       52.38
          1 |         40       47.62      100.00
------------+-----------------------------------
      Total |         84      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 5.3

     whmale |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         54       56.84       56.84
          1 |         41       43.16      100.00
------------+-----------------------------------
      Total |         95      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 7

     whmale |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         13       68.42       68.42
          1 |          6       31.58      100.00
------------+-----------------------------------
      Total |         19      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 8

     whmale |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         37       51.39       51.39
          1 |         35       48.61      100.00
------------+-----------------------------------
      Total |         72      100.00


. by disgrp, sort: tab female

-------------------------------------------------------------------------------
-
-> disgrp = 1

     female |      Freq.     Percent        Cum.
------------+-----------------------------------
```

```
                                    DiscGrps
          0 |         30       60.00       60.00
          1 |         20       40.00      100.00
------------+-----------------------------------
      Total |         50      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 2

     female |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         27       40.91       40.91
          1 |         39       59.09      100.00
------------+-----------------------------------
      Total |         66      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 3

     female |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         30       90.91       90.91
          1 |          3        9.09      100.00
------------+-----------------------------------
      Total |         33      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 4

     female |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         12       21.43       21.43
          1 |         44       78.57      100.00
------------+-----------------------------------
      Total |         56      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 5.1

     female |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         84       84.00       84.00
          1 |         16       16.00      100.00
------------+-----------------------------------
      Total |        100      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 5.2

     female |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         46       54.76       54.76
          1 |         38       45.24      100.00
------------+-----------------------------------
      Total |         84      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 5.3
```

```
     female |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         47       49.47       49.47
          1 |         48       50.53      100.00
------------+-----------------------------------
      Total |         95      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 7

     female |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |          7       36.84       36.84
          1 |         12       63.16      100.00
------------+-----------------------------------
      Total |         19      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 8

     female |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         44       61.11       61.11
          1 |         28       38.89      100.00
------------+-----------------------------------
      Total |         72      100.00


. by disgrp, sort: tab asian

-------------------------------------------------------------------------------
-
-> disgrp = 1

      asian |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         39       78.00       78.00
          1 |         11       22.00      100.00
------------+-----------------------------------
      Total |         50      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 2

      asian |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         58       87.88       87.88
          1 |          8       12.12      100.00
------------+-----------------------------------
      Total |         66      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 3

      asian |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         23       69.70       69.70
          1 |         10       30.30      100.00
```

```
                                    DiscGrps
------------+-----------------------------------
      Total |         33      100.00

------------------------------------------------------------------------------------------
-
-> disgrp = 4

      asian |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         38       67.86       67.86
          1 |         18       32.14      100.00
------------+-----------------------------------
      Total |         56      100.00

------------------------------------------------------------------------------------------
-
-> disgrp = 5.1

      asian |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         79       79.00       79.00
          1 |         21       21.00      100.00
------------+-----------------------------------
      Total |        100      100.00

------------------------------------------------------------------------------------------
-
-> disgrp = 5.2

      asian |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         75       89.29       89.29
          1 |          9       10.71      100.00
------------+-----------------------------------
      Total |         84      100.00

------------------------------------------------------------------------------------------
-
-> disgrp = 5.3

      asian |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         94       98.95       98.95
          1 |          1        1.05      100.00
------------+-----------------------------------
      Total |         95      100.00

------------------------------------------------------------------------------------------
-
-> disgrp = 7

      asian |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         16       84.21       84.21
          1 |          3       15.79      100.00
------------+-----------------------------------
      Total |         19      100.00

------------------------------------------------------------------------------------------
-
-> disgrp = 8

      asian |      Freq.     Percent        Cum.
```

```
                                    DiscGrps
------------+-----------------------------------
          0 |         66       91.67       91.67
          1 |          6        8.33      100.00
------------+-----------------------------------
      Total |         72      100.00

. by disgrp, sort: tab black

-------------------------------------------------------------------------------
-
-> disgrp = 1

      black |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         50      100.00      100.00
------------+-----------------------------------
      Total |         50      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 2

      black |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         58       87.88       87.88
          1 |          8       12.12      100.00
------------+-----------------------------------
      Total |         66      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 3

      black |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         32       96.97       96.97
          1 |          1        3.03      100.00
------------+-----------------------------------
      Total |         33      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 4

      black |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         52       92.86       92.86
          1 |          4        7.14      100.00
------------+-----------------------------------
      Total |         56      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 5.1

      black |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         99       99.00       99.00
          1 |          1        1.00      100.00
------------+-----------------------------------
      Total |        100      100.00
```

-> disgrp = 5.2

black	Freq.	Percent	Cum.
0	83	98.81	98.81
1	1	1.19	100.00
Total	84	100.00	

-> disgrp = 5.3

black	Freq.	Percent	Cum.
0	90	94.74	94.74
1	5	5.26	100.00
Total	95	100.00	

-> disgrp = 7

black	Freq.	Percent	Cum.
0	19	100.00	100.00
Total	19	100.00	

-> disgrp = 8

black	Freq.	Percent	Cum.
0	68	94.44	94.44
1	4	5.56	100.00
Total	72	100.00	

. by disgrp, sort: tab hisp

-> disgrp = 1

hisp	Freq.	Percent	Cum.
0	48	96.00	96.00
1	2	4.00	100.00
Total	50	100.00	

-> disgrp = 2

hisp	Freq.	Percent	Cum.

```
                                    DiscGrps
          0 |         63       95.45       95.45
          1 |          3        4.55      100.00
------------+-----------------------------------
      Total |         66      100.00

------------------------------------------------------------------------------
-
-> disgrp = 3

       hisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         29       87.88       87.88
          1 |          4       12.12      100.00
------------+-----------------------------------
      Total |         33      100.00

------------------------------------------------------------------------------
-
-> disgrp = 4

       hisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         54       96.43       96.43
          1 |          2        3.57      100.00
------------+-----------------------------------
      Total |         56      100.00

------------------------------------------------------------------------------
-
-> disgrp = 5.1

       hisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         99       99.00       99.00
          1 |          1        1.00      100.00
------------+-----------------------------------
      Total |        100      100.00

------------------------------------------------------------------------------
-
-> disgrp = 5.2

       hisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         83       98.81       98.81
          1 |          1        1.19      100.00
------------+-----------------------------------
      Total |         84      100.00

------------------------------------------------------------------------------
-
-> disgrp = 5.3

       hisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         91       95.79       95.79
          1 |          4        4.21      100.00
------------+-----------------------------------
      Total |         95      100.00

------------------------------------------------------------------------------
-
-> disgrp = 7
```

```
       hisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         19      100.00      100.00
------------+-----------------------------------
      Total |         19      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 8

       hisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         70       97.22       97.22
          1 |          2        2.78      100.00
------------+-----------------------------------
      Total |         72      100.00


. by disgrp, sort: tab blckhisp

-------------------------------------------------------------------------------
-
-> disgrp = 1

   blckhisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         48       96.00       96.00
          1 |          2        4.00      100.00
------------+-----------------------------------
      Total |         50      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 2

   blckhisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         55       83.33       83.33
          1 |         11       16.67      100.00
------------+-----------------------------------
      Total |         66      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 3

   blckhisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         28       84.85       84.85
          1 |          5       15.15      100.00
------------+-----------------------------------
      Total |         33      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 4

   blckhisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |         50       89.29       89.29
          1 |          6       10.71      100.00
------------+-----------------------------------
```

```
      Total |         56      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 5.1

   blckhisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |          98       98.00       98.00
          1 |           2        2.00      100.00
------------+-----------------------------------
      Total |         100      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 5.2

   blckhisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |          82       97.62       97.62
          1 |           2        2.38      100.00
------------+-----------------------------------
      Total |          84      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 5.3

   blckhisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |          86       90.53       90.53
          1 |           9        9.47      100.00
------------+-----------------------------------
      Total |          95      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 7

   blckhisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |          19      100.00      100.00
------------+-----------------------------------
      Total |          19      100.00

-------------------------------------------------------------------------------
-
-> disgrp = 8

   blckhisp |      Freq.     Percent        Cum.
------------+-----------------------------------
          0 |          66       91.67       91.67
          1 |           6        8.33      100.00
------------+-----------------------------------
      Total |          72      100.00


. by disgrp, sort: summarize morate

-------------------------------------------------------------------------------
-
-> disgrp = 1
```

Variable	Obs	Mean	Std. Dev.	Min	Max
morate	50	14768.7	1803.721	8888.88	19444.46

-> disgrp = 2

Variable	Obs	Mean	Std. Dev.	Min	Max
morate	66	7586.158	1042.214	6333.34	11083.34

-> disgrp = 3

Variable	Obs	Mean	Std. Dev.	Min	Max
morate	33	9479.499	1981.511	6666.68	14653.86

-> disgrp = 4

Variable	Obs	Mean	Std. Dev.	Min	Max
morate	56	7804.616	889.8065	6222.24	9992.04

-> disgrp = 5.1

Variable	Obs	Mean	Std. Dev.	Min	Max
morate	100	9220.615	1844.061	5755.58	15876

-> disgrp = 5.2

Variable	Obs	Mean	Std. Dev.	Min	Max
morate	84	8890.083	1523.132	6333.34	15396.82

-> disgrp = 5.3

Variable	Obs	Mean	Std. Dev.	Min	Max
morate	95	7982.18	1350.812	5564.16	13064.54

-> disgrp = 7

Variable	Obs	Mean	Std. Dev.	Min	Max
morate	19	5095.121	626.3142	4084	6315.54

-> disgrp = 8

```
    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         72    7238.436    1641.007    4783.34   12487.48


.
. * FEMALE FACULTY MEMBERS
. keep if female==1 | whmale==1
(72 observations deleted)

. by disgrp, sort: ttest morate, by(female)

-------------------------------------------------------------------------------
-
-> disgrp = 1

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      22    14435.53    429.1557    2012.918    13543.05    15328.01
       1 |      20    15359.76    353.6842    1581.724    14619.49    16100.03
---------+--------------------------------------------------------------------
combined |      42    14875.64    286.7299    1858.222    14296.58     15454.7
---------+--------------------------------------------------------------------
    diff |           -924.2293    562.5732               -2061.232    212.7736
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =  -1.6429
Ho: diff = 0                                     degrees of freedom =       40

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0541         Pr(|T| > |t|) = 0.1083          Pr(T > t) = 0.9459

-------------------------------------------------------------------------------
-
-> disgrp = 2

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      20    7652.378     275.203    1230.745    7076.372    8228.384
       1 |      39    7542.942    164.3567    1026.407    7210.219    7875.664
---------+--------------------------------------------------------------------
combined |      59    7580.039    141.9697     1090.49    7295.856    7864.222
---------+--------------------------------------------------------------------
    diff |            109.4365    302.1884               -495.6853    714.5582
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.3621
Ho: diff = 0                                     degrees of freedom =       57

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.6407         Pr(|T| > |t|) = 0.7186          Pr(T > t) = 0.3593

-------------------------------------------------------------------------------
-
-> disgrp = 3

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
```

```
                                    DiscGrps
       0 |      17    9849.309    454.1792    1872.629    8886.493    10812.13
       1 |       3    8088.307    134.9337     233.712    7507.734    8668.879
---------+--------------------------------------------------------------------
combined |      20    9585.159    410.7917    1837.116    8725.362    10444.96
---------+--------------------------------------------------------------------
    diff |            1761.003    1106.694               -564.0759    4086.081
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   1.5912
Ho: diff = 0                                     degrees of freedom =       18

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.9355         Pr(|T| > |t|) = 0.1290          Pr(T > t) = 0.0645

------------------------------------------------------------------------------
-
-> disgrp = 4

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |       8    7885.175    416.3004    1177.475    6900.781    8869.569
       1 |      44    7798.293    130.6456    866.6047    7534.821    8061.765
---------+--------------------------------------------------------------------
combined |      52    7811.659    125.9195    908.0187    7558.865    8064.453
---------+--------------------------------------------------------------------
    diff |            86.88227    352.2583               -620.6493    794.4138
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.2466
Ho: diff = 0                                     degrees of freedom =       50

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.5969         Pr(|T| > |t|) = 0.8062          Pr(T > t) = 0.4031

------------------------------------------------------------------------------
-
-> disgrp = 5.1

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      66    9376.772    246.6312    2003.642    8884.215    9869.328
       1 |      16     8867.88    271.2879    1085.152    8289.643    9446.117
---------+--------------------------------------------------------------------
combined |      82    9277.476    206.0315    1865.694    8867.538    9687.414
---------+--------------------------------------------------------------------
    diff |            508.8915    520.0309               -526.0029    1543.786
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.9786
Ho: diff = 0                                     degrees of freedom =       80

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8346         Pr(|T| > |t|) = 0.3307          Pr(T > t) = 0.1654

------------------------------------------------------------------------------
-
-> disgrp = 5.2

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
```

```
                                    DiscGrps
       0 |      40    9229.978    253.4337    1602.855     8717.36    9742.596
       1 |      38    8628.208    239.6586    1477.355    8142.614    9113.803
---------+--------------------------------------------------------------------
combined |      78    8936.808     176.928    1562.585      8584.5    9289.117
---------+--------------------------------------------------------------------
    diff |            601.7696    349.5429               -94.40536    1297.945
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   1.7216
Ho: diff = 0                                     degrees of freedom =       76

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.9554         Pr(|T| > |t|) = 0.0892          Pr(T > t) = 0.0446

------------------------------------------------------------------------------
-
-> disgrp = 5.3

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      41    8351.208    234.8664    1503.879    7876.525    8825.891
       1 |      48    7709.257    174.9244    1211.912    7357.355     8061.16
---------+--------------------------------------------------------------------
combined |      89    8004.987    146.7249      1384.2    7713.402    8296.572
---------+--------------------------------------------------------------------
    diff |            641.9507    287.9375                69.64372    1214.258
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   2.2295
Ho: diff = 0                                     degrees of freedom =       87

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.9858         Pr(|T| > |t|) = 0.0284          Pr(T > t) = 0.0142

------------------------------------------------------------------------------
-
-> disgrp = 7

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |       6    5425.873    286.2217     701.097    4690.117     6161.63
       1 |      12     4863.48    142.2381    492.7274    4550.416    5176.544
---------+--------------------------------------------------------------------
combined |      18    5050.944    144.5459    613.2562    4745.979     5355.91
---------+--------------------------------------------------------------------
    diff |            562.3933     283.071               -37.69036    1162.477
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   1.9868
Ho: diff = 0                                     degrees of freedom =       16

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.9678         Pr(|T| > |t|) = 0.0644          Pr(T > t) = 0.0322

------------------------------------------------------------------------------
-
-> disgrp = 8

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
```

```
                                    DiscGrps
       0 |      35     7191.69    290.1064    1716.293    6602.123    7781.257
       1 |      28    7023.661    288.8071    1528.223    6431.078    7616.244
---------+--------------------------------------------------------------------
combined |      63     7117.01    204.6873    1624.655    6707.846    7526.174
---------+--------------------------------------------------------------------
    diff |             168.029    414.7303               -661.2755    997.3335
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.4052
Ho: diff = 0                                     degrees of freedom =       61

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.6566         Pr(|T| > |t|) = 0.6868          Pr(T > t) = 0.3434

.
. keep if female==1
(255 observations deleted)

. by disgrp, sort: summarize morate

-------------------------------------------------------------------------------
-
-> disgrp = 1

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         20    15359.76    1581.724    12888.9      17812

-------------------------------------------------------------------------------
-
-> disgrp = 2

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         39    7542.942    1026.407    6555.56   10007.48

-------------------------------------------------------------------------------
-
-> disgrp = 3

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          3    8088.307     233.712    7867.86    8333.34

-------------------------------------------------------------------------------
-
-> disgrp = 4

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         44    7798.293    866.6047    6222.24    9829.94

-------------------------------------------------------------------------------
-
-> disgrp = 5.1

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         16     8867.88    1085.152    7268.78    10390.4

-------------------------------------------------------------------------------
-
-> disgrp = 5.2
```

```
                                    DiscGrps
    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         38    8628.208    1477.355    6333.34   15396.82

-------------------------------------------------------------------------------
-
-> disgrp = 5.3

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         48    7709.257    1211.912    6111.12   11813.86

-------------------------------------------------------------------------------
-
-> disgrp = 7

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         12     4863.48    492.7274       4084    5666.68

-------------------------------------------------------------------------------
-
-> disgrp = 8

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         28    7023.661    1528.223    4783.34    12073.2


. clear all

.
. * ASIAN FACULTY MEMBERS
. use C:\Users\TA0VLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16C

.
. keep if asian==1 | whmale==1
(233 observations deleted)

. by disgrp, sort: ttest morate, by(asian)

-------------------------------------------------------------------------------
-
-> disgrp = 1

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      22    14435.53    429.1557    2012.918    13543.05    15328.01
       1 |      11    14692.66    445.6416    1478.026    13699.71    15685.61
---------+--------------------------------------------------------------------
combined |      33    14521.24    318.9399     1832.17    13871.58     15170.9
---------+--------------------------------------------------------------------
    diff |           -257.1309    685.8464               -1655.924    1141.662
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =  -0.3749
Ho: diff = 0                                     degrees of freedom =       31

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.3551         Pr(|T| > |t|) = 0.7103          Pr(T > t) = 0.6449

-------------------------------------------------------------------------------
```

```
-
-> disgrp = 2

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      20    7652.378     275.203    1230.745    7076.372    8228.384
       1 |       8    7243.528    167.0614    472.5209     6848.49    7638.565
---------+--------------------------------------------------------------------
combined |      28    7535.564    203.4688    1076.656     7118.08    7953.047
---------+--------------------------------------------------------------------
    diff |            408.8505    451.9191               -520.0825    1337.783
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.9047
Ho: diff = 0                                     degrees of freedom =       26

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8130         Pr(|T| > |t|) = 0.3739          Pr(T > t) = 0.1870

------------------------------------------------------------------------------
-
-> disgrp = 3

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      17    9849.309    454.1792    1872.629    8886.493    10812.13
       1 |      10    9307.648    795.0758    2514.251    7509.061    11106.23
---------+--------------------------------------------------------------------
combined |      27    9648.694    404.4768    2101.723     8817.28    10480.11
---------+--------------------------------------------------------------------
    diff |            541.6614    847.2828               -1203.35    2286.673
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.6393
Ho: diff = 0                                     degrees of freedom =       25

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.7358         Pr(|T| > |t|) = 0.5284          Pr(T > t) = 0.2642

------------------------------------------------------------------------------
-
-> disgrp = 4

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |       8    7885.175    416.3004    1177.475    6900.781    8869.569
       1 |      18    7770.682    225.5874    957.0862    7294.734     8246.63
---------+--------------------------------------------------------------------
combined |      26    7805.911    197.4841    1006.975    7399.185    8212.637
---------+--------------------------------------------------------------------
    diff |            114.4928    436.0796               -785.5314    1014.517
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.2626
Ho: diff = 0                                     degrees of freedom =       24

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.6024         Pr(|T| > |t|) = 0.7951          Pr(T > t) = 0.3976

------------------------------------------------------------------------------
```

```
-
-> disgrp = 5.1

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      66    9376.772    246.6312    2003.642    8884.215    9869.328
       1 |      21    9029.456    368.5386    1688.856    8260.698    9798.214
---------+--------------------------------------------------------------------
combined |      87    9292.937    206.7797    1928.712    8881.872    9704.001
---------+--------------------------------------------------------------------
    diff |            347.3153    484.5928               -616.1849    1310.816
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.7167
Ho: diff = 0                                     degrees of freedom =       85

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.7622         Pr(|T| > |t|) = 0.4755          Pr(T > t) = 0.2378

------------------------------------------------------------------------------
-
-> disgrp = 5.2

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      40    9229.978    253.4337    1602.855     8717.36    9742.596
       1 |       9    8586.096    246.3002    738.9006    8018.126    9154.065
---------+--------------------------------------------------------------------
combined |      49    9111.714    213.8988    1497.292    8681.641    9541.786
---------+--------------------------------------------------------------------
    diff |            643.8824    550.2878               -463.1538    1750.919
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   1.1701
Ho: diff = 0                                     degrees of freedom =       47

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8761         Pr(|T| > |t|) = 0.2479          Pr(T > t) = 0.1239

------------------------------------------------------------------------------
-
-> disgrp = 5.3

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      41    8351.208    234.8664    1503.879    7876.525    8825.891
       1 |       1     6222.24           .           .           .           .
---------+--------------------------------------------------------------------
combined |      42    8300.518           .           .           .           .
---------+--------------------------------------------------------------------
    diff |            2128.968           .                       .           .
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =        .
Ho: diff = 0                                     degrees of freedom =       40

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) =      .         Pr(|T| > |t|) =      .          Pr(T > t) =      .

------------------------------------------------------------------------------
```

```
-
-> disgrp = 7

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |       6    5425.873    286.2217     701.097    4690.117     6161.63
       1 |       3     5275.62    478.3731    828.5665    3217.347    7333.893
---------+--------------------------------------------------------------------
combined |       9    5375.789    232.0166    696.0498    4840.758     5910.82
---------+--------------------------------------------------------------------
    diff |            150.2533    523.0904               -1086.659    1387.166
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.2872
Ho: diff = 0                                     degrees of freedom =        7

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.6089         Pr(|T| > |t|) = 0.7822          Pr(T > t) = 0.3911

-------------------------------------------------------------------------------
-
-> disgrp = 8

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      35     7191.69    290.1064    1716.293    6602.123    7781.257
       1 |       6    7143.367    552.2623    1352.761    5723.731    8563.002
---------+--------------------------------------------------------------------
combined |      41    7184.618    258.1763    1653.135    6662.824    7706.412
---------+--------------------------------------------------------------------
    diff |            48.32305    739.7152               -1447.892    1544.538
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.0653
Ho: diff = 0                                     degrees of freedom =       39

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.5259         Pr(|T| > |t|) = 0.9482          Pr(T > t) = 0.4741

.
. keep if asian==1
(255 observations deleted)

. by disgrp, sort: summarize morate

-------------------------------------------------------------------------------
-
-> disgrp = 1

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         11    14692.66    1478.026   13110.18   16443.94

-------------------------------------------------------------------------------
-
-> disgrp = 2

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          8    7243.528    472.5209    6634.24    8055.56
```

```
-------------------------------------------------------------------------------
-
-> disgrp = 3

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         10    9307.648    2514.251    6666.68   14653.86

-------------------------------------------------------------------------------
-
-> disgrp = 4

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         18    7770.682    957.0862    6222.24    9829.94

-------------------------------------------------------------------------------
-
-> disgrp = 5.1

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         21    9029.456    1688.856     6548.7   14269.56

-------------------------------------------------------------------------------
-
-> disgrp = 5.2

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          9    8586.096    738.9006     7657.4    9481.68

-------------------------------------------------------------------------------
-
-> disgrp = 5.3

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          1     6222.24           .    6222.24    6222.24

-------------------------------------------------------------------------------
-
-> disgrp = 7

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          3     5275.62    828.5665    4333.34     5890.3

-------------------------------------------------------------------------------
-
-> disgrp = 8

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          6    7143.367    1352.761     6204.8    9801.56


. clear all

.
. * BLACK FACULTY MEMBERS
. use C:\Users\TA0VLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16C
```

```
.
. keep if black==1 | whmale==1
(296 observations deleted)

. drop if disgrp==1 | disgrp==7
(28 observations deleted)

.
. by disgrp, sort: ttest morate, by(black)

-------------------------------------------------------------------------------
-
-> disgrp = 2

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      20    7652.378     275.203    1230.745    7076.372    8228.384
       1 |       8      7902.1    407.2627    1151.913    6939.077    8865.123
---------+--------------------------------------------------------------------
combined |      28    7723.727    225.4467    1192.952    7261.149    8186.305
---------+--------------------------------------------------------------------
    diff |            -249.722    506.1903               -1290.211    790.7672
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =  -0.4933
Ho: diff = 0                     degrees of freedom =       26

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.3130         Pr(|T| > |t|) = 0.6259          Pr(T > t) = 0.6870

-------------------------------------------------------------------------------
-
-> disgrp = 3

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      17    9849.309    454.1792    1872.629    8886.493    10812.13
       1 |       1    10639.72           .           .           .           .
---------+--------------------------------------------------------------------
combined |      18    9893.221           .           .           .           .
---------+--------------------------------------------------------------------
    diff |           -790.4106           .                       .           .
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =        .
Ho: diff = 0                     degrees of freedom =       16

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) =      .         Pr(|T| > |t|) =      .          Pr(T > t) =      .

-------------------------------------------------------------------------------
-
-> disgrp = 4

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |       8    7885.175    416.3004    1177.475    6900.781    8869.569
       1 |       4    7480.225    291.3679    582.7358    6552.962    8407.488
---------+--------------------------------------------------------------------
```

```
combined |      12    7750.192    290.7823    1007.299    7110.184    8390.199
---------+--------------------------------------------------------------------
    diff |              404.95    634.1495               -1008.023    1817.923
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.6386
Ho: diff = 0                                     degrees of freedom =       10

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.7313         Pr(|T| > |t|) = 0.5375          Pr(T > t) = 0.2687

------------------------------------------------------------------------------
-
-> disgrp = 5.1

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      66    9376.772    246.6312    2003.642    8884.215    9869.328
       1 |       1     8086.12           .           .           .           .
---------+--------------------------------------------------------------------
combined |      67    9357.508           .           .           .           .
---------+--------------------------------------------------------------------
    diff |           1290.652           .                       .           .
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =        .
Ho: diff = 0                                     degrees of freedom =       65

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) =      .         Pr(|T| > |t|) =      .          Pr(T > t) =      .

------------------------------------------------------------------------------
-
-> disgrp = 5.2

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      40    9229.978    253.4337    1602.855     8717.36    9742.596
       1 |       1     7765.24           .           .           .           .
---------+--------------------------------------------------------------------
combined |      41    9194.253           .           .           .           .
---------+--------------------------------------------------------------------
    diff |           1464.738           .                       .           .
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =        .
Ho: diff = 0                                     degrees of freedom =       39

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) =      .         Pr(|T| > |t|) =      .          Pr(T > t) =      .

------------------------------------------------------------------------------
-
-> disgrp = 5.3

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      41    8351.208    234.8664    1503.879    7876.525    8825.891
       1 |       5    7969.052    222.1942    496.8414    7352.142    8585.962
---------+--------------------------------------------------------------------
```

```
                                    DiscGrps
combined |      46    8309.669     210.938    1430.651    7884.818     8734.52
---------+--------------------------------------------------------------------
    diff |            382.1558    682.9293               -994.1978    1758.509
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.5596
Ho: diff = 0                                     degrees of freedom =       44

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.7107         Pr(|T| > |t|) = 0.5786          Pr(T > t) = 0.2893

------------------------------------------------------------------------------
-
-> disgrp = 8

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      35     7191.69    290.1064    1716.293    6602.123    7781.257
       1 |       4    8802.225    877.3281    1754.656    6010.176    11594.27
---------+--------------------------------------------------------------------
combined |      39    7356.873    283.0097    1767.395     6783.95    7929.796
---------+--------------------------------------------------------------------
    diff |           -1610.535    907.5155               -3449.336    228.2657
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =  -1.7747
Ho: diff = 0                                     degrees of freedom =       37

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0421         Pr(|T| > |t|) = 0.0842          Pr(T > t) = 0.9579

.
. keep if black==1
(227 observations deleted)

. by disgrp, sort: summarize morate

------------------------------------------------------------------------------
-
-> disgrp = 2

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          8      7902.1    1151.913    6662.72     9553.6

------------------------------------------------------------------------------
-
-> disgrp = 3

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          1    10639.72           .   10639.72   10639.72

------------------------------------------------------------------------------
-
-> disgrp = 4

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          4    7480.225    582.7358    6966.68    8111.12

------------------------------------------------------------------------------
-
```

```
-> disgrp = 5.1

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          1     8086.12           .    8086.12    8086.12

-------------------------------------------------------------------------------
-
-> disgrp = 5.2

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          1     7765.24           .    7765.24    7765.24

-------------------------------------------------------------------------------
-
-> disgrp = 5.3

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          5    7969.052    496.8414     7229.8    8389.22

-------------------------------------------------------------------------------
-
-> disgrp = 8

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          4    8802.225    1754.656    7260.08      11000


. clear all

.
.
. * HISPANIC FACULTY MEMBERS
. use C:\Users\TA0VLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16C

.
. keep if hisp==1 | whmale==1
(301 observations deleted)

. drop if disgrp==7
(6 observations deleted)

.
. by disgrp, sort: ttest morate, by(hisp)

-------------------------------------------------------------------------------
-
-> disgrp = 1

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      22    14435.53    429.1557    2012.918    13543.05    15328.01
       1 |       2    13074.58       84.52    119.5293    12000.65    14148.51
---------+--------------------------------------------------------------------
combined |      24    14322.12    400.4043    1961.572    13493.82    15150.42
---------+--------------------------------------------------------------------
    diff |            1360.953    1452.581               -1651.515     4373.42
------------------------------------------------------------------------------
```

```
    diff = mean(0) - mean(1)                                      t =   0.9369
Ho: diff = 0                                     degrees of freedom =       22

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8205         Pr(|T| > |t|) = 0.3590          Pr(T > t) = 0.1795

------------------------------------------------------------------------------
-
-> disgrp = 2

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      20    7652.378     275.203    1230.745    7076.372    8228.384
       1 |       3     7943.84    529.7625    917.5755    5664.456    10223.22
---------+--------------------------------------------------------------------
combined |      23    7690.395    246.2583    1181.013    7179.686    8201.103
---------+--------------------------------------------------------------------
    diff |            -291.462    745.7116               -1842.254     1259.33
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =  -0.3909
Ho: diff = 0                                     degrees of freedom =       21

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.3499         Pr(|T| > |t|) = 0.6998          Pr(T > t) = 0.6501

------------------------------------------------------------------------------
-
-> disgrp = 3

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      17    9849.309    454.1792    1872.629    8886.493    10812.13
       1 |       4     8333.92    419.7247    839.4493    6998.169    9669.671
---------+--------------------------------------------------------------------
combined |      21    9560.664    395.3835    1811.875    8735.908    10385.42
---------+--------------------------------------------------------------------
    diff |            1515.389    972.7951               -520.6941    3551.473
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   1.5578
Ho: diff = 0                                     degrees of freedom =       19

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.9321         Pr(|T| > |t|) = 0.1358          Pr(T > t) = 0.0679

------------------------------------------------------------------------------
-
-> disgrp = 4

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |       8    7885.175    416.3004    1177.475    6900.781    8869.569
       1 |       2     7083.34      416.66    589.2462    1789.173    12377.51
---------+--------------------------------------------------------------------
combined |      10    7724.808    350.8886    1109.607    6931.043    8518.573
---------+--------------------------------------------------------------------
    diff |             801.835     886.194               -1241.732    2845.402
------------------------------------------------------------------------------
```

```
    diff = mean(0) - mean(1)                                      t =   0.9048
Ho: diff = 0                                     degrees of freedom =        8

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8040         Pr(|T| > |t|) = 0.3920          Pr(T > t) = 0.1960

------------------------------------------------------------------------------
-
-> disgrp = 5.1

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      66    9376.772    246.6312    2003.642    8884.215    9869.328
       1 |       1     9764.86           .           .           .           .
---------+--------------------------------------------------------------------
combined |      67    9382.564           .           .           .           .
---------+--------------------------------------------------------------------
    diff |           -388.0885           .                       .           .
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =        .
Ho: diff = 0                                     degrees of freedom =       65

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) =      .         Pr(|T| > |t|) =      .          Pr(T > t) =      .

------------------------------------------------------------------------------
-
-> disgrp = 5.2

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      40    9229.978    253.4337    1602.855     8717.36    9742.596
       1 |       1        8000           .           .           .           .
---------+--------------------------------------------------------------------
combined |      41    9199.979           .           .           .           .
---------+--------------------------------------------------------------------
    diff |            1229.978           .                       .           .
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =        .
Ho: diff = 0                                     degrees of freedom =       39

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) =      .         Pr(|T| > |t|) =      .          Pr(T > t) =      .

------------------------------------------------------------------------------
-
-> disgrp = 5.3

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      41    8351.208    234.8664    1503.879    7876.525    8825.891
       1 |       4    7651.335    414.6097    829.2195    6331.862    8970.808
---------+--------------------------------------------------------------------
combined |      45    8288.997    218.2506     1464.07    7849.142    8728.852
---------+--------------------------------------------------------------------
    diff |            699.8728    768.4025               -849.7585    2249.504
------------------------------------------------------------------------------
```

```
    diff = mean(0) - mean(1)                                      t =   0.9108
Ho: diff = 0                                     degrees of freedom =       43

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8163         Pr(|T| > |t|) = 0.3675          Pr(T > t) = 0.1837

-------------------------------------------------------------------------------
-
-> disgrp = 8

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      35     7191.69    290.1064    1716.293    6602.123    7781.257
       1 |       2     6988.25      430.11    608.2674    1523.184    12453.32
---------+--------------------------------------------------------------------
combined |      37    7180.693    274.8201    1671.665    6623.332    7738.054
---------+--------------------------------------------------------------------
    diff |            203.4397     1232.11               -2297.876    2704.755
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.1651
Ho: diff = 0                                     degrees of freedom =       35

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.5651         Pr(|T| > |t|) = 0.8698          Pr(T > t) = 0.4349

.
. keep if hisp==1
(249 observations deleted)

. by disgrp, sort: summarize morate

-------------------------------------------------------------------------------
-
-> disgrp = 1

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          2    13074.58    119.5293   12990.06    13159.1

-------------------------------------------------------------------------------
-
-> disgrp = 2

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          3     7943.84    917.5755     6888.9    8556.58

-------------------------------------------------------------------------------
-
-> disgrp = 3

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          4     8333.92    839.4493    7777.78     9552.2

-------------------------------------------------------------------------------
-
-> disgrp = 4

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
```

```
      morate |          2     7083.34    589.2462    6666.68       7500

-------------------------------------------------------------------------------
-
-> disgrp = 5.1

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          1     9764.86           .    9764.86    9764.86

-------------------------------------------------------------------------------
-
-> disgrp = 5.2

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          1        8000           .       8000       8000

-------------------------------------------------------------------------------
-
-> disgrp = 5.3

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          4    7651.335    829.2195     6727.5    8721.08

-------------------------------------------------------------------------------
-
-> disgrp = 8

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          2     6988.25    608.2674    6558.14    7418.36


. clear all

.
.
. * BLACK & HISPANIC FACULTY MEMBERS
. use C:\Users\TA0VLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16C

.
. keep if blckhisp==1 | whmale==1
(277 observations deleted)

. drop if disgrp==7
(6 observations deleted)

.
. by disgrp, sort: ttest morate, by(blckhisp)

-------------------------------------------------------------------------------
-
-> disgrp = 1

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      22    14435.53    429.1557    2012.918    13543.05    15328.01
       1 |       2    13074.58       84.52    119.5293    12000.65    14148.51
---------+--------------------------------------------------------------------
```

```
combined |      24    14322.12    400.4043    1961.572    13493.82    15150.42
---------+--------------------------------------------------------------------
    diff |            1360.953    1452.581               -1651.515     4373.42
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.9369
Ho: diff = 0                                     degrees of freedom =       22

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8205         Pr(|T| > |t|) = 0.3590          Pr(T > t) = 0.1795

------------------------------------------------------------------------------
-
-> disgrp = 2

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      20    7652.378     275.203    1230.745    7076.372    8228.384
       1 |      11    7913.484    315.8828    1047.665    7209.653    8617.314
---------+--------------------------------------------------------------------
combined |      31    7745.028     208.011    1158.156    7320.213    8169.844
---------+--------------------------------------------------------------------
    diff |           -261.1056    439.5128               -1160.01    637.7991
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =  -0.5941
Ho: diff = 0                                     degrees of freedom =       29

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.2785         Pr(|T| > |t|) = 0.5571          Pr(T > t) = 0.7215

------------------------------------------------------------------------------
-
-> disgrp = 3

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      17    9849.309    454.1792    1872.629    8886.493    10812.13
       1 |       5     8795.08    564.2427    1261.685    7228.491    10361.67
---------+--------------------------------------------------------------------
combined |      22    9609.712    380.1608    1783.112    8819.124     10400.3
---------+--------------------------------------------------------------------
    diff |            1054.229    899.1678               -821.4018    2929.861
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   1.1725
Ho: diff = 0                                     degrees of freedom =       20

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8726         Pr(|T| > |t|) = 0.2548          Pr(T > t) = 0.1274

------------------------------------------------------------------------------
-
-> disgrp = 4

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |       8    7885.175    416.3004    1177.475    6900.781    8869.569
       1 |       6     7347.93    229.1999    561.4228    6758.753    7937.107
---------+--------------------------------------------------------------------
```

```
                                    DiscGrps
combined |      14    7654.927    259.6565    971.5457    7093.973    8215.881
---------+--------------------------------------------------------------------
    diff |             537.245    523.6352               -603.6581    1678.148
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   1.0260
Ho: diff = 0                                     degrees of freedom =       12

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8374         Pr(|T| > |t|) = 0.3251          Pr(T > t) = 0.1626

------------------------------------------------------------------------------
-
-> disgrp = 5.1

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      66    9376.772    246.6312    2003.642    8884.215    9869.328
       1 |       2     8925.49      839.37    1187.048   -1739.717     19590.7
---------+--------------------------------------------------------------------
combined |      68    9363.499    240.1493    1980.322    8884.159    9842.838
---------+--------------------------------------------------------------------
    diff |           451.2815    1431.007               -2405.816    3308.379
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   0.3154
Ho: diff = 0                                     degrees of freedom =       66

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.6233         Pr(|T| > |t|) = 0.7535          Pr(T > t) = 0.3767

------------------------------------------------------------------------------
-
-> disgrp = 5.2

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      40    9229.978    253.4337    1602.855     8717.36    9742.596
       1 |       2     7882.62      117.38    166.0004    6391.166    9374.074
---------+--------------------------------------------------------------------
combined |      42    9165.818    245.3778     1590.23    8670.268    9661.369
---------+--------------------------------------------------------------------
    diff |           1347.358    1146.927               -970.6689    3665.385
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   1.1748
Ho: diff = 0                                     degrees of freedom =       40

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8765         Pr(|T| > |t|) = 0.2470          Pr(T > t) = 0.1235

------------------------------------------------------------------------------
-
-> disgrp = 5.3

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      41    8351.208    234.8664    1503.879    7876.525    8825.891
       1 |       9    7827.844    213.2598    639.7793    7336.067    8319.622
---------+--------------------------------------------------------------------
```

```
                                    DiscGrps
combined |      50    8257.002    197.7032    1397.973    7859.703    8654.302
---------+--------------------------------------------------------------------
    diff |            523.3634    514.4167               -510.9408    1557.668
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =   1.0174
Ho: diff = 0                                     degrees of freedom =       48

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.8430         Pr(|T| > |t|) = 0.3141          Pr(T > t) = 0.1570

------------------------------------------------------------------------------
-
-> disgrp = 8

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. Err.   Std. Dev.   [95% Conf. Interval]
---------+--------------------------------------------------------------------
       0 |      35     7191.69    290.1064    1716.293    6602.123    7781.257
       1 |       6    8197.567    682.9784    1672.949    6441.915    9953.218
---------+--------------------------------------------------------------------
combined |      41    7338.891    269.7431    1727.198     6793.72    7884.062
---------+--------------------------------------------------------------------
    diff |           -1005.877    755.9286               -2534.887    523.1329
------------------------------------------------------------------------------
    diff = mean(0) - mean(1)                                      t =  -1.3307
Ho: diff = 0                                     degrees of freedom =       39

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0955         Pr(|T| > |t|) = 0.1910          Pr(T > t) = 0.9045

.
. keep if blckhisp==1
(249 observations deleted)

. by disgrp, sort: summarize morate

------------------------------------------------------------------------------
-
-> disgrp = 1

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          2    13074.58    119.5293   12990.06    13159.1

------------------------------------------------------------------------------
-
-> disgrp = 2

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |         11    7913.484    1047.665    6662.72     9553.6

------------------------------------------------------------------------------
-
-> disgrp = 3

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          5     8795.08    1261.685    7777.78   10639.72

------------------------------------------------------------------------------
-
```

```
-> disgrp = 4

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          6     7347.93    561.4228    6666.68    8111.12

-------------------------------------------------------------------------------
-
-> disgrp = 5.1

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          2     8925.49    1187.048    8086.12    9764.86

-------------------------------------------------------------------------------
-
-> disgrp = 5.2

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          2     7882.62    166.0004    7765.24       8000

-------------------------------------------------------------------------------
-
-> disgrp = 5.3

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          9    7827.844    639.7793     6727.5    8721.08

-------------------------------------------------------------------------------
-
-> disgrp = 8

    Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+---------------------------------------------------------
      morate |          6    8197.567    1672.949    6558.14      11000


. clear all

.
.
. ********** CLOSE OUTPUT
. log close
      name:  <unnamed>
       log:  C:\Users\TA0VLW1\Desktop\WORKING\PROGRAMS\ReportTables\DiscGrps.log
  log type:  text
 closed on:  12 Nov 2017, 16:17:31
-------------------------------------------------------------------------------
-
```