

SAL_ASSIST

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name: <unnamed>
log: C:\Users\TAOVLW1\Desktop\WORKING\PROGRAMS\ReportTables\SAL_ASSIST.log
log type: text
opened on: 1 Dec 2017, 14:55:38

```

```

. **** USE DATA SET WITH DEPT DUMMIES (created 18Sep17) ****
. use C:\Users\TAOVLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16B

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```

. keep if full==0 & assoc==0
(448 observations deleted)

```

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. gen blackhs=0

```

```

. replace blackhs=1 if black==1 | hisp==1
(10 real changes made)

```

```

. describe

```

```

Contains data from C:\Users\TAOVLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16B.dta
obs: 127
vars: 38 12 Nov 2017 16:09
size: 17,780

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variable name	storage type	display format	value label	variable label
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```

control      long      %12.0g
college      byte      %8.0g
dept         byte      %8.0g
age          double   %12.0g
female       byte      %8.0g
minority     byte      %8.0g
asian        byte      %8.0g
black        byte      %8.0g
hisp         byte      %8.0g
morate       double   %12.0g
full         byte      %8.0g
assoc        byte      %8.0g
rkyrs        double   %12.0g
yrsniu       double   %12.0g
yrsoth       float     %9.0g
merit        double   %12.0g
saladj       byte      %8.0g
seadj        byte      %8.0g
profship     byte      %8.0g
RKST_FULL    byte      %8.0g
RKST_ASSOC   byte      %8.0g
CUPA_NAT     double   %12.0g
CUPA_NIU     double   %12.0g
CUPA_NATR    double   %12.0g
yearstart    int       %8.0g
quit         float     %9.0g
quitTOP      float     %9.0g
quit2ND      float     %9.0g
quitMID      float     %9.0g
quit4TH      float     %9.0g

```

SAL_ASSIST

```

qui ntBOT      float    %9.0g
l morate       float    %9.0g
cupa000        float    %9.0g
whmal e       float    %9.0g
RKST_ASSIST    float    %9.0g
assist         float    %9.0g
sal start      float    %9.0g
blckhi sp     float    %9.0g
    
```

Sorted by: quint
 Note: Dataset has changed since last saved.

. summarize

Vari able	Obs	Mean	Std. Dev.	Min	Max
control	127	124480.1	13139.05	102115	148139
col lege	127	4.047244	1.838125	1	8
dept	127	21.99213	12.51253	1	45
age	127	39.91315	8.293225	27.26575	69.66849
female	127	.511811	.5018401	0	1
mi nori ty	127	.2834646	.4524648	0	1
asi an	127	.2047244	.4050981	0	1
bl ack	127	.0314961	.1753458	0	1
hi sp	127	.0472441	.2130008	0	1
morate	127	7571.867	2211.813	4084	17777.78
ful l	127	0	0	0	0
assoc	127	0	0	0	0
rkyrs	127	3.401618	4.006448	0	29
yrsni u	127	3.718283	4.629843	0	31.02192
yrsoth	127	1.248031	2.407721	0	16
meri t	127	4.787992	1.534986	2.1	9.06
sal adj	127	.007874	.0887357	0	1
seadj	127	.007874	.0887357	0	1
profshi p	127	0	0	0	0
RKST_FULL	127	0	0	0	0
RKST_ASSOC	127	0	0	0	0
CUPA_NAT	127	9576.235	2067.645	6129.519	16705.33
CUPA_NIU	127	9277.156	2227.815	6348.247	16693
CUPA_NATR	127	8074.9	2057.632	5818.849	15838.89
yearstart	127	2012.339	4.636331	1985	2016
qui nt	127	2.897638	1.344209	1	5
qui ntTOP	127	.1496063	.3580977	0	1
qui nt2ND	127	.2047244	.4050981	0	1
qui ntMI D	127	.2362205	.4264414	0	1
qui nt4TH	127	.2125984	.4107662	0	1
qui ntBOT	127	.1968504	.399193	0	1
l morate	127	8.898668	.2486302	8.314832	9.785705
cupa000	127	9.277156	2.227815	6.348247	16.693
whmal e	127	.3543307	.4802043	0	1
RKST_ASSIST	127	1	0	1	1
assist	127	1	0	1	1
sal start	126	6555.97	3126.798	1199.88	21814.22
blckhi sp	127	.0787402	.2703994	0	1

SAL_ASSIST

```
. * T-TESTS OF EQUAL AVERAGE SALARIES
. keep if whmale==1 | female==1
(17 observations deleted)
```

```
. ttest morate, by(female)
```

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	45	7574.186	312.5441	2096.609	6944.295	8204.077
1	65	7283.846	273.386	2204.109	6737.694	7829.997
combined	110	7402.621	205.5472	2155.798	6995.233	7810.009
diff		290.3399	419.0635		-540.3165	1120.996

```
diff = mean(0) - mean(1)
Ho: diff = 0
degrees of freedom = 108
t = 0.6928
```

```
Ha: diff < 0      Pr(T < t) = 0.7550
Ha: diff != 0     Pr(|T| > |t|) = 0.4899
Ha: diff > 0      Pr(T > t) = 0.2450
```

```
. clear all
```

```
. use C:\Users\TA0VLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16B
```

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

```
. keep if full==0 & assoc==0
(271 observations deleted)
```

```
. ttest morate, by(asian)
```

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	45	7574.186	312.5441	2096.609	6944.295	8204.077
1	26	8483.653	525.8683	2681.413	7400.607	9566.699
combined	71	7907.23	278.9725	2350.664	7350.837	8463.623
diff		-909.4673	572.8767		-2052.325	233.3904

```
diff = mean(0) - mean(1)
Ho: diff = 0
degrees of freedom = 69
t = -1.5875
```

```
Ha: diff < 0      Pr(T < t) = 0.0585
Ha: diff != 0     Pr(|T| > |t|) = 0.1170
Ha: diff > 0      Pr(T > t) = 0.9415
```

```
. clear all
```

```
. use C:\Users\TA0VLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16B
```

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

```
. keep if full==0 & assoc==0
```


SAL_ASSIST

(277 observations deleted)

. keep if full==0 & assoc==0
 (243 observations deleted)

. ttest morate, by(blckhis)

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	45	7574.186	312.5441	2096.609	6944.295	8204.077
1	10	7196.806	171.012	540.7873	6809.95	7583.662
combined	55	7505.571	257.6841	1911.036	6988.946	8022.197
diff		377.3798	672.382		-971.2478	1726.007

diff = mean(0) - mean(1) t = 0.5613
 Ho: diff = 0 degrees of freedom = 53

Ha: diff < 0 Pr(T < t) = 0.7115
 Ha: diff != 0 Pr(|T| > |t|) = 0.5770
 Ha: diff > 0 Pr(T > t) = 0.2885

. clear all

. ***** CLOSE OUTPUT

. log close

name: <unnamed>

log: C:\Users\TA0VLW1\Desktop\WORKING\PROGRAMS\ReportTables\SAL_ASSIST.log

log type: text

closed on: 1 Dec 2017, 14:55:38
