

SAL_FULL

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---
name: <unnamed>
log: C:\Users\TAOVLW1\Desktop\WORKING\PROGRAMS\ReportTables\SAL_FULL.log
log type: text
opened on: 1 Dec 2017, 14:55:04

```

```

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

```

```

. keep if full==1
(383 observations deleted)

```

```

. gen blackhi sp=0

```

```

. replace blackhi sp=1 if black==1 | hi sp==1
(14 real changes made)

```

```

. describe

```

```

Contains data from C:\Users\TAOVLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16B.dta
obs: 192
vars: 38 12 Nov 2017 16:09
size: 26,880

```

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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
hispanic    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

```

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```

qui ntBOT      float    %9.0g
l morate       float    %9.0g
cupa000        float    %9.0g
whmal e        float    %9.0g
RKST_ASSI ST   float    %9.0g
assi st        float    %9.0g
sal start      float    %9.0g
bl ckhi sp     float    %9.0g
    
```

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

. summarize

Vari able	Obs	Mean	Std. Dev.	Min	Max
control	192	120645.2	12549.78	102101	148118
col lege	192	4.723958	2.003099	1	8
dept	192	26.46354	13.12759	1	45
age	192	56.69014	7.661213	37.65753	80.11507
female	192	.2916667	.455718	0	1
mi nori ty	192	.203125	.4033766	0	1
asi an	192	.1197917	.3255667	0	1
bl ack	192	.046875	.2119237	0	1
hi sp	192	.0260417	.1596756	0	1
morate	192	10319.95	2334.968	5403.8	19444.46
ful l	192	1	0	1	1
assoc	192	0	0	0	0
rkyrs	192	5.708333	5.307146	0	28
yr sni u	192	18.87941	7.294187	1.128767	46.96986
yrsoth	192	3.979167	5.519559	0	33
meri t	192	4.406169	1.107546	1.636667	9.4
sal adj	192	.0416667	.2003487	0	1
seadj	192	.1927083	.3954571	0	1
profshi p	192	.2395833	.4279451	0	1
RKST_FULL	192	.0729167	.2606794	0	1
RKST_ASSOC	192	.1822917	.3870941	0	1
CUPA_NAT	192	9504.798	2395.735	6129.519	16705.33
CUPA_NIU	192	9883.694	2286.228	6348.247	16693
CUPA_NATR	192	11660.87	2431.128	8150.889	18179.78
yearstart	192	1997.198	7.287829	1969	2015
qui nt	192	3.09375	1.436824	1	5
qui ntTOP	192	.234375	.424715	0	1
qui nt2ND	192	.1927083	.3954571	0	1
qui ntMI D	192	.1875	.3913328	0	1
qui nt4TH	192	.203125	.4033766	0	1
qui ntBOT	192	.1822917	.3870941	0	1
l morate	192	9.218434	2.2135792	8.594857	9.875318
cupa000	192	9.883694	2.286229	6.348247	16.693
whmal e	192	.5833333	.4942956	0	1
RKST_ASSI ST	192	.7447917	.4371181	0	1
assi st	192	0	0	0	0
sal start	189	9513.462	4702.489	2348.28	32521.98
bl ckhi sp	192	.0729167	.2606794	0	1

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

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

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	112	10617.76	226.6877	2399.037	10168.56	11066.95
1	56	9878.838	293.536	2196.623	9290.579	10467.1
combined	168	10371.45	181.538	2353.001	10013.05	10729.86
diff		738.9191	381.9769		-15.24001	1493.078

```
diff = mean(0) - mean(1)
Ho: diff = 0
degrees of freedom = 166
t = 1.9345
```

```
Ha: diff < 0      Pr(T < t) = 0.9726
Ha: diff != 0     Pr(|T| > |t|) = 0.0548
Ha: diff > 0      Pr(T > t) = 0.0274
```

```
. clear all
```

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

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

```
. keep if full==1
(207 observations deleted)
```

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

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	112	10617.76	226.6877	2399.037	10168.56	11066.95
1	23	10248.77	540.277	2591.077	9128.301	11369.23
combined	135	10554.89	208.862	2426.757	10141.8	10967.98
diff		368.9904	556.7123		-732.1649	1470.146

```
diff = mean(0) - mean(1)
Ho: diff = 0
degrees of freedom = 133
t = 0.6628
```

```
Ha: diff < 0      Pr(T < t) = 0.7457
Ha: diff != 0     Pr(|T| > |t|) = 0.5086
Ha: diff > 0      Pr(T > t) = 0.2543
```

```
. clear all
```

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

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

```
. keep if full==1
```


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. keep if full==1
 (172 observations deleted)

. ttest morate, by(blckhisp)

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	112	10617.76	226.6877	2399.037	10168.56	11066.95
1	14	8896.879	306.0341	1145.075	8235.732	9558.025
combined	126	10426.55	209.7233	2354.138	10011.48	10841.62
diff		1720.879	651.9553		430.4767	3011.281

diff = mean(0) - mean(1) t = 2.6396
 Ho: diff = 0 degrees of freedom = 124

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.9953 Pr(|T| > |t|) = 0.0094 Pr(T > t) = 0.0047

. clear all

. ***** CLOSE OUTPUT

. log close

name: <unnamed>

log: C:\Users\TAOVLW1\Desktop\WORKING\PROGRAMS\ReportTables\SAL_FULL.log

log type: text

closed on: 1 Dec 2017, 14:55:04

