

YrsNIU0th

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-----  
      name: <unnamed>  
      log:  
C: \Users\TAOVLW1\Desktop\Documents\FACULTY_SALARY_STUDY\WORKING\PROGRAMS\ReportTabl  
> es\YrsNIU0th.log  
      log type: text  
      opened on: 26 Feb 2018, 11:22:23  
  
. **** USE DATA SET *****  
. use  
C: \Users\TAOVLW1\Desktop\Documents\FACULTY_SALARY_STUDY\WORKING\DATA\FINAL\FSS2015-1  
6C  
  
. gen BUS=0  
  
. replace BUS=1 if college==1  
(50 real changes made)  
  
. gen EDUC=0  
  
. replace EDUC=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 LIB=0  
  
. replace LIB=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==35 | dept==4  
> 1  
(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
```

YrsNIU0th

(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)

. describe

Contains data from

C:\Users\TAOVLW1\Desktop\Documents\FACULTY_SALARY_STUDY\WORKING\DATA\FINAL\FS
 > S2015-16C.dta

obs: 575
 vars: 91
 size: 129,950
 22 Nov 2017 15:27

variable name	storage type	display format	value label	variable label
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		
quiet	float	%9.0g		
quietTOP	float	%9.0g		
quiet2ND	float	%9.0g		
quietMID	float	%9.0g		
quiet4TH	float	%9.0g		
quietBOT	float	%9.0g		
lmorate	float	%9.0g		
cupa000	float	%9.0g		
whmale	float	%9.0g		
RKST_ASSIST	float	%9.0g		
assist	float	%9.0g		
salstart	float	%9.0g		
yrsniu2	float	%9.0g		
yrsoth2	float	%9.0g		
dept1	byte	%8.0g		dept== 1.0000
dept2	byte	%8.0g		dept== 2.0000

YrsNI U0th

dept3	byte	%8.0g	dept==	3.0000
dept4	byte	%8.0g	dept==	4.0000
dept5	byte	%8.0g	dept==	5.0000
dept6	byte	%8.0g	dept==	6.0000
dept7	byte	%8.0g	dept==	7.0000
dept8	byte	%8.0g	dept==	8.0000
dept9	byte	%8.0g	dept==	9.0000
dept10	byte	%8.0g	dept==	10.0000
dept11	byte	%8.0g	dept==	11.0000
dept12	byte	%8.0g	dept==	13.0000
dept13	byte	%8.0g	dept==	14.0000
dept14	byte	%8.0g	dept==	15.0000
dept15	byte	%8.0g	dept==	16.0000
dept16	byte	%8.0g	dept==	17.0000
dept17	byte	%8.0g	dept==	18.0000
dept18	byte	%8.0g	dept==	19.0000
dept19	byte	%8.0g	dept==	20.0000
dept20	byte	%8.0g	dept==	21.0000
dept21	byte	%8.0g	dept==	22.0000
dept22	byte	%8.0g	dept==	23.0000
dept23	byte	%8.0g	dept==	24.0000
dept24	byte	%8.0g	dept==	25.0000
dept25	byte	%8.0g	dept==	26.0000
dept26	byte	%8.0g	dept==	27.0000
dept27	byte	%8.0g	dept==	28.0000
dept28	byte	%8.0g	dept==	29.0000
dept29	byte	%8.0g	dept==	30.0000
dept30	byte	%8.0g	dept==	31.0000
dept31	byte	%8.0g	dept==	32.0000
dept32	byte	%8.0g	dept==	34.0000
dept33	byte	%8.0g	dept==	35.0000
dept34	byte	%8.0g	dept==	36.0000
dept35	byte	%8.0g	dept==	38.0000
dept36	byte	%8.0g	dept==	39.0000
dept37	byte	%8.0g	dept==	40.0000
dept38	byte	%8.0g	dept==	41.0000
dept39	byte	%8.0g	dept==	42.0000
dept40	byte	%8.0g	dept==	43.0000
dept41	byte	%8.0g	dept==	44.0000
dept42	byte	%8.0g	dept==	45.0000
BUS	float	%9.0g		
EDUC	float	%9.0g		
CEET	float	%9.0g		
HHS	float	%9.0g		
LAW	float	%9.0g		
VPA	float	%9.0g		
LIB	float	%9.0g		
PHYSSCI	float	%9.0g		
BEHAVSOC	float	%9.0g		
HUMAN	float	%9.0g		

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

. * ALL FACULTY MEMBERS
 . summarize yrsni u yrsoth

Variable	Obs	Mean	Std. Dev.	Min	Max
yrsni u	575	13.03161	8.601392	0	46.96986
yrsoth	575	2.29913	4.026816	0	33

YrsNIU0th

. pwcorr morate yrsni u, sig

	morate	yrsni u
morate	1.0000	
yrsni u	0.2014 0.0000	1.0000

. pwcorr morate yrsoth, sig

	morate	yrsoth
morate	1.0000	
yrsoth	0.2647 0.0000	1.0000

. by full, sort: summarize yrsni u yrsoth

-> full = 0

Vari able	Obs	Mean	Std. Dev.	Min	Max
yrsni u	383	10.10008	7.665684	0	33.7726
yrsoth	383	1.456919	2.646265	0	19

-> full = 1

Vari able	Obs	Mean	Std. Dev.	Min	Max
yrsni u	192	18.87941	7.294187	1.128767	46.96986
yrsoth	192	3.979167	5.519559	0	33

. by assoc, sort: summarize yrsni u yrsoth

-> assoc = 0

Vari able	Obs	Mean	Std. Dev.	Min	Max
yrsni u	319	12.84347	9.782746	0	46.96986
yrsoth	319	2.89185	4.731641	0	33

-> assoc = 1

Vari able	Obs	Mean	Std. Dev.	Min	Max
yrsni u	256	13.26604	6.862273	1.128767	33.7726
yrsoth	256	1.560547	2.755609	0	19

YrsNIU0th

. by assist, sort: summarize yrsni u yrsoth

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-> assist = 0
```

Variable	Obs	Mean	Std. Dev.	Min	Max
yrsni u	448	15.67177	7.571792	1.128767	46.96986
yrsoth	448	2.597098	4.3342	0	33

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-> assist = 1
```

Variable	Obs	Mean	Std. Dev.	Min	Max
yrsni u	127	3.718283	4.629843	0	31.02192
yrsoth	127	1.248031	2.407721	0	16

. by full, sort: pcorr morate yrsni u, sig

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-> full = 0
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	morate	yrsni u
morate	1.0000	
yrsni u	-0.0193 0.7070	1.0000

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-> full = 1
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	morate	yrsni u
morate	1.0000	
yrsni u	0.0118 0.8710	1.0000

. by full: pcorr morate yrsoth, sig

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-----
-----
-> full = 0
```

	morate	yrsoth
morate	1.0000	

			YrsNI U0th
yrsoth		0. 0190 0. 7106	1. 0000

-> full = 1

		morate	yrsoth
morate		1. 0000	
yrsoth		0. 3106 0. 0000	1. 0000

. by assoc, sort: pcorr morate yrsni u, sig

-> assoc = 0

		morate	yrsni u
morate		1. 0000	
yrsni u		0. 3785 0. 0000	1. 0000

-> assoc = 1

		morate	yrsni u
morate		1. 0000	
yrsni u		-0. 1261 0. 0438	1. 0000

. by assoc: pcorr morate yrsoth, sig

-> assoc = 0

		morate	yrsoth
morate		1. 0000	
yrsoth		0. 3099 0. 0000	1. 0000

-> assoc = 1

YrsNIU0th

	morate	yrsoth
morate	1.0000	
yrsoth	0.0801 0.2014	1.0000

. by assist, sort: pcorr morate yrsni u, sig

-> assist = 0

	morate	yrsni u
morate	1.0000	
yrsni u	0.0985 0.0372	1.0000

-> assist = 1

	morate	yrsni u
morate	1.0000	
yrsni u	-0.0785 0.3801	1.0000

. by assist: pcorr morate yrsoth, sig

-> assist = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.2961 0.0000	1.0000

-> assist = 1

	morate	yrsoth
morate	1.0000	
yrsoth	-0.1522	1.0000

YrsNIU0th

0.0876

. * WHITE MALE FACULTY MEMBERS
. keep if whmale==1
(320 observations deleted)

. summarize yrsni u yrsoth

Variable	Obs	Mean	Std. Dev.	Min	Max
yrsni u	255	14.51809	9.485428	0	46.96986
yrsoth	255	2.945098	4.741852	0	33

. pwcorr morate yrsni u, sig

	morate	yrsni u
morate	1.0000	
yrsni u	0.2703 0.0000	1.0000

. pwcorr morate yrsoth, sig

	morate	yrsoth
morate	1.0000	
yrsoth	0.3514 0.0000	1.0000

. by full, sort: pwcorr morate yrsni u, sig

-> full = 0

	morate	yrsni u
morate	1.0000	
yrsni u	0.0220 0.7938	1.0000

-> full = 1

	morate	yrsni u
morate	1.0000	
yrsni u	0.0636 0.5054	1.0000

YrsNIU0th

. by full: pcorr morate yrsoth, sig

-> full = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.0991 0.2392	1.0000

-> full = 1

	morate	yrsoth
morate	1.0000	
yrsoth	0.2778 0.0030	1.0000

. by assoc, sort: pcorr morate yrsni u, sig

-> assoc = 0

	morate	yrsni u
morate	1.0000	
yrsni u	0.3942 0.0000	1.0000

-> assoc = 1

	morate	yrsni u
morate	1.0000	
yrsni u	-0.0822 0.4208	1.0000

. by assoc: pcorr morate yrsoth, sig

-> assoc = 0

YrsNI U0th

	morate	yrsoth
morate	1.0000	
yrsoth	0.3648 0.0000	1.0000

-> assoc = 1

	morate	yrsoth
morate	1.0000	
yrsoth	0.1416 0.1642	1.0000

. by assist, sort: pcorr morate yrsni u, sig

-> assist = 0

	morate	yrsni u
morate	1.0000	
yrsni u	0.1637 0.0176	1.0000

-> assist = 1

	morate	yrsni u
morate	1.0000	
yrsni u	0.0766 0.6170	1.0000

. by assist: pcorr morate yrsoth, sig

-> assist = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.3407	1.0000

YrsNIU0th

0.0000

-> assist = 1

	morate	yrsoth
morate	1.0000	
yrsoth	-0.2585 0.0865	1.0000

. clear all

. * FEMALE FACULTY MEMBERS

. use

C:\Users\TAOVLW1\Desktop\Documents\FACULTY_SALARY_STUDY\WORKING\DATA\FINAL\FSS2015-16C

. keep if female==1 | whmale==1
(72 observations deleted)

. ttest yrsniu, by (female)

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	255	14.51809	.5940005	9.485428	13.34829 15.68788
1	248	11.82876	.4681846	7.372979	10.90661 12.7509
combined	503	13.19213	.3837738	8.607148	12.43813 13.94614
diff		2.689331	.7589356		1.198243 4.18042

diff = mean(0) - mean(1) t = 3.5436
Ho: diff = 0 degrees of freedom = 501

Ha: diff < 0 Pr(T < t) = 0.9998
Ha: diff != 0 Pr(|T| > |t|) = 0.0004
Ha: diff > 0 Pr(T > t) = 0.0002

. ttest yrsoth, by (female)

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	255	2.945098	.2969463	4.741852	2.360308 3.529889
1	248	1.691532	.1911483	3.010207	1.315044 2.068021
combined	503	2.327038	.1796229	4.028522	1.974132 2.679943
diff		1.253566	.3552515		.5555995 1.951532

diff = mean(0) - mean(1) t = 3.5287
Ho: diff = 0 degrees of freedom = 501

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0

Pr(T < t) = 0.9998 YrsNIU0th
 Pr(|T| > |t|) = 0.0005 Pr(T > t) = 0.0002

. by full, sort: ttest yrsni u, by(female)

-> full = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	143	10.75634	.7319664	8.753045	9.309378 12.2033
1	192	10.09689	.5108396	7.078401	9.089278 11.1045
combined	335	10.37838	.4278793	7.831478	9.536707 11.22006
diff		.6594475	.8656064		-1.043298 2.362194

diff = mean(0) - mean(1) t = 0.7618
 Ho: diff = 0 degrees of freedom = 333

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.7767 Pr(|T| > |t|) = 0.4467 Pr(T > t) = 0.2233

-> full = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	112	19.32104	.7697723	8.146504	17.79568 20.84639
1	56	17.76659	.6514193	4.874776	16.46111 19.07206
combined	168	18.80289	.5588981	7.244148	17.69947 19.9063
diff		1.554452	1.183032		-.7812755 3.89018

diff = mean(0) - mean(1) t = 1.3140
 Ho: diff = 0 degrees of freedom = 166

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.9047 Pr(|T| > |t|) = 0.1907 Pr(T > t) = 0.0953

. by full, sort: ttest yrsoth, by(female)

-> full = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	143	1.5	.2382365	2.848894	1.029051 1.970949
1	192	1.403646	.1829522	2.53506	1.04278 1.764512
combined	335	1.444776	.1458678	2.669818	1.157841 1.731711
diff		.0963542	.2953025		-.4845394 .6772477

YrsNIU0th

diff = mean(0) - mean(1)
Ho: diff = 0
Ha: diff < 0
Pr(T < t) = 0.6278

t = 0.3263
degrees of freedom = 333

Ha: diff != 0
Pr(|T| > |t|) = 0.7444

Ha: diff > 0
Pr(T > t) = 0.3722

-> full = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	112	4.790179	.5585721	5.911372	3.683331 5.897027
1	56	2.678571	.5525074	4.134586	1.571322 3.785821
combined	168	4.08631	.4215426	5.463816	3.25407 4.918549
diff		2.111607	.8818151		.3705886 3.852626

diff = mean(0) - mean(1)
Ho: diff = 0
Ha: diff < 0
Pr(T < t) = 0.9911

t = 2.3946
degrees of freedom = 166

Ha: diff != 0
Pr(|T| > |t|) = 0.0178

Ha: diff > 0
Pr(T > t) = 0.0089

. by assoc, sort: ttest yrsni u, by(female)

-> assoc = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	157	14.86195	.8177525	10.24641	13.24665 16.47725
1	121	10.33527	.76304	8.39344	8.824499 11.84603
combined	278	12.8917	.5836566	9.731501	11.74274 14.04067
diff		4.526684	1.147449		2.26782 6.785548

diff = mean(0) - mean(1)
Ho: diff = 0
Ha: diff < 0
Pr(T < t) = 0.9999

t = 3.9450
degrees of freedom = 276

Ha: diff != 0
Pr(|T| > |t|) = 0.0001

Ha: diff > 0
Pr(T > t) = 0.0001

-> assoc = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	98	13.96721	.8222305	8.139667	12.33531 15.59911
1	127	13.25169	.5271119	5.94025	12.20855 14.29483
combined	225	13.56334	.4650713	6.97607	12.64686 14.47981

```

          YrsNIU0th
di ff |          . 7155191          . 938845          -1. 134624          2. 565662
-----
di ff = mean(0) - mean(1)
Ho: di ff = 0
t = 0.7621
degrees of freedom = 223

```

```

Ha: di ff < 0
Pr(T < t) = 0.7766
Ha: di ff != 0
Pr(|T| > |t|) = 0.4468
Ha: di ff > 0
Pr(T > t) = 0.2234

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. by assoc, sort: ttest yrsoth, by(female)

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-----
-> assoc = 0

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Two-sample t test with equal variances

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Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	157	3.589172	.4282246	5.365638	2.743305 4.435039
1	121	2.11157	.3233076	3.556384	1.471444 2.751697
combined	278	2.946043	.2827902	4.715054	2.389352 3.502734
di ff		1.477602	.564451		.3664255 2.588778

```

di ff = mean(0) - mean(1)
Ho: di ff = 0
t = 2.6178
degrees of freedom = 276

```

```

Ha: di ff < 0
Pr(T < t) = 0.9953
Ha: di ff != 0
Pr(|T| > |t|) = 0.0093
Ha: di ff > 0
Pr(T > t) = 0.0047

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-----
-> assoc = 1

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Two-sample t test with equal variances

```

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	98	1.913265	.3324312	3.290901	1.253481 2.573049
1	127	1.291339	.2059484	2.32092	.8837728 1.698904
combined	225	1.562222	.1863725	2.795587	1.194955 1.92949
di ff		.6219267	.3744128		-.1159133 1.359767

```

di ff = mean(0) - mean(1)
Ho: di ff = 0
t = 1.6611
degrees of freedom = 223

```

```

Ha: di ff < 0
Pr(T < t) = 0.9509
Ha: di ff != 0
Pr(|T| > |t|) = 0.0981
Ha: di ff > 0
Pr(T > t) = 0.0491

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. by assist, sort: ttest yrsni u, by(female)

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-----
-> assist = 0

```

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Two-sample t test with equal variances

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Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	210	16.82258	.5902561	8.553623	15.65896 17.9862

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                                YrsNIU0th
      1 |      183      14.6333      .4433059      5.996931      13.75862      15.50798
-----+-----
combi ned |      393      15.80314      .3805093      7.543304      15.05505      16.55124
-----+-----
di ff |              2.189287      .7557288              .703487      3.675088
-----+-----
di ff = mean(0) - mean(1)
Ho: di ff = 0
                                t =      2.8969
                                degrees of freedom =      391

Ha: di ff < 0
Pr(T < t) = 0.9980

Ha: di ff != 0
Pr(|T| > |t|) = 0.0040

Ha: di ff > 0
Pr(T > t) = 0.0020

```

-> assist = 1

Two-sample t test with equal variances

```

-----+-----
Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----
      0 |      45      3.763775      .7920444      5.313195      2.167514      5.360035
      1 |      65      3.932898      .5780539      4.66042      2.778102      5.087693
-----+-----
combi ned |      110      3.863711      .4686085      4.914808      2.934944      4.792478
-----+-----
di ff |              -.1691231      .9573672              -2.066791      1.728545
-----+-----
di ff = mean(0) - mean(1)
Ho: di ff = 0
                                t =     -0.1767
                                degrees of freedom =      108

Ha: di ff < 0
Pr(T < t) = 0.4301

Ha: di ff != 0
Pr(|T| > |t|) = 0.8601

Ha: di ff > 0
Pr(T > t) = 0.5699

```

. by assist, sort: ttest yrsoth, by(female)

-> assist = 0

Two-sample t test with equal variances

```

-----+-----
Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----
      0 |      210      3.447619      .3495244      5.06509      2.758574      4.136664
      1 |      183      1.715847      .225507      3.050603      1.270903      2.160791
-----+-----
combi ned |      393      2.641221      .2184099      4.329807      2.21182      3.070623
-----+-----
di ff |              1.731772      .4295771              .8872021      2.576342
-----+-----
di ff = mean(0) - mean(1)
Ho: di ff = 0
                                t =      4.0313
                                degrees of freedom =      391

Ha: di ff < 0
Pr(T < t) = 1.0000

Ha: di ff != 0
Pr(|T| > |t|) = 0.0001

Ha: di ff > 0
Pr(T > t) = 0.0000

```

-> assist = 1

Two-sample t test with equal variances

```

-----+-----
Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----

```

YrsNIU0th

0	45	.6	.1569919	1.053134	.2836036	.9163964
1	65	1.623077	.3616254	2.915517	.9006471	2.345507
combined	110	1.204545	.2275165	2.386214	.753615	1.655476
diff		-1.023077	.4543403		-1.923658	-.1224956

diff = mean(0) - mean(1) t = -2.2518
 Ho: diff = 0 degrees of freedom = 108

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.0132 Pr(|T| > |t|) = 0.0264 Pr(T > t) = 0.9868

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

```
. summarize yrsni u yrsoth
```

Variable	Obs	Mean	Std. Dev.	Min	Max
yrsni u	248	11.82876	7.372979	0	33.7726
yrsoth	248	1.691532	3.010207	0	18

```
. pwcorr morate yrsni u, sig
```

	morate	yrsni u
morate	1.0000	
yrsni u	0.1428 0.0245	1.0000

```
. pwcorr morate yrsoth, sig
```

	morate	yrsoth
morate	1.0000	
yrsoth	0.0708 0.2668	1.0000

```
. by full, sort: pwcorr morate yrsni u, sig
```

```
-> full = 0
```

	morate	yrsni u
morate	1.0000	
yrsni u	0.0067 0.9263	1.0000

YrsNI U0th

-> full = 1

	morate	yrnsni u
morate	1.0000	
yrnsni u	-0.0512 0.7076	1.0000

. by full: pwcorr morate yrsoth, sig

-> full = 0

	morate	yrsoth
morate	1.0000	
yrsoth	-0.0712 0.3261	1.0000

-> full = 1

	morate	yrsoth
morate	1.0000	
yrsoth	0.2151 0.1114	1.0000

. by assoc, sort: pwcorr morate yrnsni u, sig

-> assoc = 0

	morate	yrnsni u
morate	1.0000	
yrnsni u	0.3725 0.0000	1.0000

-> assoc = 1

	morate	yrnsni u
morate	1.0000	

YrsNI U0th

yr sni u	-0.1246 0.1627	1.0000
----------	-------------------	--------

. by assoc: pcorr morate yrsoth, sig

-> assoc = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.1212 0.1854	1.0000

-> assoc = 1

	morate	yrsoth
morate	1.0000	
yrsoth	-0.0192 0.8305	1.0000

. by assi st, sort: pcorr morate yr sni u, sig

-> assi st = 0

	morate	yr sni u
morate	1.0000	
yr sni u	0.0121 0.8706	1.0000

-> assi st = 1

	morate	yr sni u
morate	1.0000	
yr sni u	-0.1428 0.2566	1.0000

. by assi st: pcorr morate yrsoth, sig


```

                                YrsNIU0th
      1 |      87      1.712644      .3315206      3.092218      1.053603      2.371685
-----+-----
combi ned |      342      2.631579      .2384705      4.410092      2.162521      3.100637
-----+-----
      di ff |              1.232454              .544275              .161884      2.303025
-----+-----
      di ff = mean(0) - mean(1)
Ho: di ff = 0                                t = 2.2644
                                           degrees of freedom = 340

      Ha: di ff < 0                                Ha: di ff != 0                                Ha: di ff > 0
Pr(T < t) = 0.9879                        Pr(|T| > |t|) = 0.0242                        Pr(T > t) = 0.0121

```

```
. by full, sort: ttest yrsniu, by(asian)
```

```
-----
-> full = 0
```

```
Two-sample t test with equal variances
```

```

-----+-----
      Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----
      0 |      143      10.75634      .7319664      8.753045      9.309378      12.2033
      1 |      64      7.892252      .7423336      5.938669      6.408816      9.375687
-----+-----
combi ned |      207      9.870823      .5619117      8.084502      8.762987      10.97866
-----+-----
      di ff |              2.864085              1.202286              .4936545      5.234516
-----+-----
      di ff = mean(0) - mean(1)
Ho: di ff = 0                                t = 2.3822
                                           degrees of freedom = 205

      Ha: di ff < 0                                Ha: di ff != 0                                Ha: di ff > 0
Pr(T < t) = 0.9909                        Pr(|T| > |t|) = 0.0181                        Pr(T > t) = 0.0091

```

```
-----
-> full = 1
```

```
Two-sample t test with equal variances
```

```

-----+-----
      Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----
      0 |      112      19.32104      .7697723      8.146504      17.79568      20.84639
      1 |      23      19.76045      1.432616      6.870584      16.78939      22.73152
-----+-----
combi ned |      135      19.3959      .6817841      7.921615      18.04745      20.74435
-----+-----
      di ff |              -.4394155              1.819865              -4.039037      3.160207
-----+-----
      di ff = mean(0) - mean(1)
Ho: di ff = 0                                t = -0.2415
                                           degrees of freedom = 133

      Ha: di ff < 0                                Ha: di ff != 0                                Ha: di ff > 0
Pr(T < t) = 0.4048                        Pr(|T| > |t|) = 0.8096                        Pr(T > t) = 0.5952

```

```
. by full: ttest yrsoth, by(asian)
```

```
-----
-> full = 0
```

```
Two-sample t test with equal variances
```


YrsNIU0th

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	98	13.96721	.8222305	8.139667	12.33531	15.59911
1	38	11.17873	.8766089	5.40378	9.402553	12.95491
combined	136	13.18807	.6484438	7.562089	11.90565	14.4705
diff		2.788476	1.430368		-.0405435	5.617496

diff = mean(0) - mean(1) t = 1.9495
 Ho: diff = 0 degrees of freedom = 134

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.9733 Pr(|T| > |t|) = 0.0533 Pr(T > t) = 0.0267

. by assoc: ttest yrsoth, by(asian)

--> assoc = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	157	3.589172	.4282246	5.365638	2.743305	4.435039
1	49	2.326531	.5221601	3.655121	1.276657	3.376404
combined	206	3.288835	.3506384	5.032608	2.597515	3.980155
diff		1.262641	.820798		-.3556939	2.880977

diff = mean(0) - mean(1) t = 1.5383
 Ho: diff = 0 degrees of freedom = 204

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.9372 Pr(|T| > |t|) = 0.1255 Pr(T > t) = 0.0628

--> assoc = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	98	1.913265	.3324312	3.290901	1.253481	2.573049
1	38	.9210526	.3141553	1.936583	.2845135	1.557592
combined	136	1.636029	.2573784	3.001522	1.127014	2.145045
diff		.9922127	.5693162		-.1337955	2.118221

diff = mean(0) - mean(1) t = 1.7428
 Ho: diff = 0 degrees of freedom = 134

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.9582 Pr(|T| > |t|) = 0.0837 Pr(T > t) = 0.0418

. by assist, sort: ttest yrsniu, by(asian)

YrsNIU0th

-> assist = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	210	16.82258	.5902561	8.553623	15.65896	17.9862
1	61	14.41446	.9312617	7.273386	12.55166	16.27726
combined	271	16.28053	.5060738	8.331026	15.28418	17.27689
diff		2.408121	1.205076		.0355405	4.780702

diff = mean(0) - mean(1) t = 1.9983
 Ho: diff = 0 degrees of freedom = 269

Ha: diff < 0 Pr(T < t) = 0.9767
 Ha: diff != 0 Pr(|T| > |t|) = 0.0467
 Ha: diff > 0 Pr(T > t) = 0.0233

-> assist = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	45	3.763775	.7920444	5.313195	2.167514	5.360035
1	26	3.088936	.4491623	2.290287	2.163869	4.014003
combined	71	3.516651	.5270857	4.441303	2.465411	4.56789
diff		.674839	1.098975		-1.517555	2.867233

diff = mean(0) - mean(1) t = 0.6141
 Ho: diff = 0 degrees of freedom = 69

Ha: diff < 0 Pr(T < t) = 0.7294
 Ha: diff != 0 Pr(|T| > |t|) = 0.5412
 Ha: diff > 0 Pr(T > t) = 0.2706

. by assist: ttest yrsoth, by(asi an)

-> assist = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	210	3.447619	.3495244	5.06509	2.758574	4.136664
1	61	1.565574	.4151297	3.242267	.7351906	2.395957
combined	271	3.023985	.2901531	4.776522	2.452735	3.595235
diff		1.882045	.6865052		.5304388	3.233652

diff = mean(0) - mean(1) t = 2.7415
 Ho: diff = 0 degrees of freedom = 269

YrsNIU0th

	morate	yrsni u
morate	1.0000	
yrsni u	-0.1506 0.2350	1.0000

-> full = 1

	morate	yrsni u
morate	1.0000	
yrsni u	-0.3514 0.1001	1.0000

. by full: pwcorr morate yrsoth, sig

-> full = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.0832 0.5132	1.0000

-> full = 1

	morate	yrsoth
morate	1.0000	
yrsoth	0.5378 0.0081	1.0000

. by assoc, sort: pwcorr morate yrsni u, sig

-> assoc = 0

	morate	yrsni u
morate	1.0000	
yrsni u	0.1448 0.3210	1.0000

YrsNI U0th

-> assoc = 1

	morate	yrsni u
morate	1.0000	
yrsni u	-0.2487 0.1322	1.0000

. by assoc: pwcorr morate yrsoth, sig

-> assoc = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.2561 0.0757	1.0000

-> assoc = 1

	morate	yrsoth
morate	1.0000	
yrsoth	0.3215 0.0491	1.0000

. by assist, sort: pwcorr morate yrsni u, sig

-> assist = 0

	morate	yrsni u
morate	1.0000	
yrsni u	-0.0613 0.6387	1.0000

-> assist = 1

	morate	yrsni u
--	--------	---------

YrsNIU0th

morate	1.0000	
yrsoth	-0.2251	1.0000
	0.2689	

. by assist: pwcorr morate yrsoth, sig

-> assist = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.4479	1.0000
	0.0003	

-> assist = 1

	morate	yrsoth
morate	1.0000	
yrsoth	-0.1474	1.0000
	0.4723	

. clear all

. * BLACK FACULTY MEMBERS

. use

C:\Users\TA0VLW1\Desktop\Documents\FACULTY_SALARY_STUDY\WORKING\DATA\FINAL\FSS2015-16C

. keep if black==1 | whmal e==1
(296 observations deleted)

. ttest yrsni u, by (black)

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	255	14.51809	.5940005	9.485428	13.34829	15.68788
1	24	13.8718	1.472445	7.213478	10.82582	16.91779
combined	279	14.46249	.5569496	9.302893	13.36612	15.55887
diff		.6462839	1.989501		-3.270179	4.562746

diff = mean(0) - mean(1)

Ho: diff = 0

t = 0.3248
degrees of freedom = 277

YrsNIU0th
 Ha: di ff < 0 Pr(T < t) = 0.6272
 Ha: di ff != 0 Pr(|T| > |t|) = 0.7455
 Ha: di ff > 0 Pr(T > t) = 0.3728

. ttest yrsoth, by (black)

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	255	2.945098	.2969463	4.741852	2.360308	3.529889
1	24	3.375	1.057774	5.182013	1.186828	5.563172
combined	279	2.982079	.285744	4.772866	2.419582	3.544576
di ff		-.429902	1.020585		-2.43899	1.579186
di ff = mean(0) - mean(1)					t =	-0.4212
Ho: di ff = 0					degrees of freedom =	277

Ha: di ff < 0 Pr(T < t) = 0.3370
 Ha: di ff != 0 Pr(|T| > |t|) = 0.6739
 Ha: di ff > 0 Pr(T > t) = 0.6630

. by full, sort: ttest yrsni u, by(black)

 -> full = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	143	10.75634	.7319664	8.753045	9.309378	12.2033
1	15	12.22064	1.876836	7.268954	8.195227	16.24605
combined	158	10.89535	.6852555	8.613528	9.541844	12.24886
di ff		-1.464302	2.342287		-6.090993	3.162388
di ff = mean(0) - mean(1)					t =	-0.6252
Ho: di ff = 0					degrees of freedom =	156

Ha: di ff < 0 Pr(T < t) = 0.2664
 Ha: di ff != 0 Pr(|T| > |t|) = 0.5328
 Ha: di ff > 0 Pr(T > t) = 0.7336

 -> full = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	112	19.32104	.7697723	8.146504	17.79568	20.84639
1	9	16.62374	2.198505	6.595514	11.55398	21.69351
combined	121	19.12041	.7317659	8.049425	17.67157	20.56926
di ff		2.697293	2.78962		-2.826434	8.22102
di ff = mean(0) - mean(1)					t =	0.9669
Ho: di ff = 0					degrees of freedom =	119

YrsNIU0th
 Ha: di ff < 0 Pr(T < t) = 0.8322
 Ha: di ff != 0 Pr(|T| > |t|) = 0.3356
 Ha: di ff > 0 Pr(T > t) = 0.1678

. by full: ttest yrsoth, by(black)

-> full = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	143	1.5	.2382365	2.848894	1.029051	1.970949
1	15	2.6	.8717798	3.376389	.7302183	4.469782
combined	158	1.60443	.2314232	2.908944	1.147326	2.061535
di ff		-1.1	.7871111		-2.654771	.4547708

di ff = mean(0) - mean(1) t = -1.3975
 Ho: di ff = 0 degrees of freedom = 156

Ha: di ff < 0 Pr(T < t) = 0.0821
 Ha: di ff != 0 Pr(|T| > |t|) = 0.1642
 Ha: di ff > 0 Pr(T > t) = 0.9179

-> full = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	112	4.790179	.5585721	5.911372	3.683331	5.897027
1	9	4.666667	2.455153	7.36546	-.994927	10.32826
combined	121	4.780992	.5450091	5.9951	3.701912	5.860072
di ff		.1235119	2.085785		-4.006551	4.253575

di ff = mean(0) - mean(1) t = 0.0592
 Ho: di ff = 0 degrees of freedom = 119

Ha: di ff < 0 Pr(T < t) = 0.5236
 Ha: di ff != 0 Pr(|T| > |t|) = 0.9529
 Ha: di ff > 0 Pr(T > t) = 0.4764

. by assoc, sort: ttest yrsni u, by(black)

-> assoc = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	157	14.86195	.8177525	10.24641	13.24665	16.47725
1	13	14.0491	2.158596	7.782929	9.345927	18.75228
combined	170	14.79979	.7717851	10.06285	13.27621	16.32337
di ff		.8128449	2.912137		-4.936254	6.561943

YrsNIU0th

 diff = mean(0) - mean(1) t = 0.2791
 Ho: diff = 0 degrees of freedom = 168

Ha: diff < 0 Pr(T < t) = 0.6098
 Ha: diff != 0 Pr(|T| > |t|) = 0.7805
 Ha: diff > 0 Pr(T > t) = 0.3902

 -> assoc = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	98	13.96721	.8222305	8.139667	12.33531	15.59911
1	11	13.66227	2.064876	6.84842	9.061436	18.2631
combined	109	13.93643	.765406	7.991073	12.41927	15.4536
diff		.3049407	2.552701		-4.755492	5.365373

 diff = mean(0) - mean(1) t = 0.1195
 Ho: diff = 0 degrees of freedom = 107

Ha: diff < 0 Pr(T < t) = 0.5474
 Ha: diff != 0 Pr(|T| > |t|) = 0.9051
 Ha: diff > 0 Pr(T > t) = 0.4526

. by assoc: ttest yrsoth, by(black)

 -> assoc = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	157	3.589172	.4282246	5.365638	2.743305	4.435039
1	13	3.461538	1.760009	6.345804	-.3731926	7.29627
combined	170	3.579412	.4161162	5.425492	2.757956	4.400867
diff		.1276335	1.570443		-2.972712	3.227979

 diff = mean(0) - mean(1) t = 0.0813
 Ho: diff = 0 degrees of freedom = 168

Ha: diff < 0 Pr(T < t) = 0.5323
 Ha: diff != 0 Pr(|T| > |t|) = 0.9353
 Ha: diff > 0 Pr(T > t) = 0.4677

 -> assoc = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	98	1.913265	.3324312	3.290901	1.253481	2.573049
1	11	3.272727	1.104461	3.663084	.8118342	5.73362
combined	109	2.050459	.3196706	3.337459	1.416816	2.684101

YrsNIU0th

```
-----+-----
di ff |          -1.359462    1.058072          -3.456966    .7380422
-----+-----
di ff = mean(0) - mean(1)                                t = -1.2848
Ho: di ff = 0                                           degrees of freedom = 107

Ha: di ff < 0                                           Ha: di ff != 0                                           Ha: di ff > 0
Pr(T < t) = 0.1008                                       Pr(|T| > |t|) = 0.2016                                       Pr(T > t) = 0.8992

. by assist, sort: ttest yrsni u, by(black)
```

-----+-----
-> assist = 0

Two-sample t test with equal variances

```
-----+-----
Group |      Obs      Mean   Std. Err.   Std. Dev.   [95% Conf. Interval]
-----+-----
0 |      210   16.82258   .5902561   8.553623   15.65896   17.9862
1 |       20   14.99493   1.504754   6.729465   11.84545   18.14442
-----+-----
combi ned |      230   16.66366   .5548139   8.41417   15.57046   17.75685
-----+-----
di ff |          1.827652    1.96962          -2.053332    5.708636
-----+-----
di ff = mean(0) - mean(1)                                t = 0.9279
Ho: di ff = 0                                           degrees of freedom = 228

Ha: di ff < 0                                           Ha: di ff != 0                                           Ha: di ff > 0
Pr(T < t) = 0.8228                                       Pr(|T| > |t|) = 0.3544                                       Pr(T > t) = 0.1772
```

-----+-----
-> assist = 1

Two-sample t test with equal variances

```
-----+-----
Group |      Obs      Mean   Std. Err.   Std. Dev.   [95% Conf. Interval]
-----+-----
0 |       45   3.763775   .7920444   5.313195   2.167514   5.360035
1 |        4   8.256164   3.926298   7.852596  -4.239069   20.7514
-----+-----
combi ned |       49   4.1305   .7989279   5.592495   2.524148   5.736853
-----+-----
di ff |      -4.49239    2.875026          -10.2762    1.291417
-----+-----
di ff = mean(0) - mean(1)                                t = -1.5626
Ho: di ff = 0                                           degrees of freedom = 47

Ha: di ff < 0                                           Ha: di ff != 0                                           Ha: di ff > 0
Pr(T < t) = 0.0624                                       Pr(|T| > |t|) = 0.1249                                       Pr(T > t) = 0.9376
```

. by assist: ttest yrsoth, by(black)

-----+-----
-> assist = 0

Two-sample t test with equal variances

```
-----+-----
Group |      Obs      Mean   Std. Err.   Std. Dev.   [95% Conf. Interval]
```

```

                YrsNIU0th
    0 |      210    3.447619    .3495244    5.06509    2.758574    4.136664
    1 |      20      3.9      1.233096    5.514574    1.3191     6.4809
-----+-----
combi ned |      230    3.486957    .3359217    5.094505    2.825064    4.148849
-----+-----
di ff |          -.452381    1.194414          -2.805882    1.901121
-----+-----
di ff = mean(0) - mean(1)
Ho: di ff = 0
t = -0.3787
degrees of freedom = 228

Ha: di ff < 0      Pr(T < t) = 0.3526
Ha: di ff != 0    Pr(|T| > |t|) = 0.7052
Ha: di ff > 0      Pr(T > t) = 0.6474

```

```

-----
-> assist = 1

```

```

Two-sample t test with equal variances

```

```

-----+-----
Group |      Obs      Mean    Std. Err.    Std. Dev.    [95% Conf. Interval]
-----+-----
    0 |      45      .6    .1569919    1.053134    .2836036    .9163964
    1 |       4      .75    .75          1.5    -1.636835    3.136835
-----+-----
combi ned |      49    .6122449    .1537964    1.076575    .3030165    .9214733
-----+-----
di ff |          -.15    .5672244          -1.291108    .9911083
-----+-----
di ff = mean(0) - mean(1)
Ho: di ff = 0
t = -0.2644
degrees of freedom = 47

Ha: di ff < 0      Pr(T < t) = 0.3963
Ha: di ff != 0    Pr(|T| > |t|) = 0.7926
Ha: di ff > 0      Pr(T > t) = 0.6037

```

```

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

```

```

. summarize yrsni u yrsoth

```

```

-----+-----
Variable |      Obs      Mean    Std. Dev.    Min      Max
-----+-----
yrsni u |      24    13.8718    7.213478    2.00274    30.02192
yrsoth  |      24     3.375     5.182013     0         22

```

```

. pwcorr morate yrsni u, sig

```

```

-----+-----
          |      morate    yrsni u
-----+-----
morate   |      1.0000
          |
yrsni u  |      0.0839    1.0000
          |      0.6966

```

```

. pwcorr morate yrsoth, sig

```

```

-----+-----
          |      morate    yrsoth
-----+-----
morate   |      1.0000

```


yrsoth	0.5239 0.0086	1.0000	YrsNIU0th
--------	------------------	--------	-----------

. by full, sort: pcorr morate yrsni u, sig

-> full = 0

	morate	yrsni u
morate	1.0000	
yrsni u	0.2311 0.4073	1.0000

-> full = 1

	morate	yrsni u
morate	1.0000	
yrsni u	-0.5115 0.1593	1.0000

. by full: pcorr morate yrsoth, sig

-> full = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.5977 0.0186	1.0000

-> full = 1

	morate	yrsoth
morate	1.0000	
yrsoth	0.5134 0.1575	1.0000

. by assoc, sort: pcorr morate yrsni u, sig

YrsNI U0th

-> assoc = 0

	morate	yrsni u
morate	1.0000	
yrsni u	0.0110 0.9715	1.0000

-> assoc = 1

	morate	yrsni u
morate	1.0000	
yrsni u	0.4072 0.2139	1.0000

. by assoc: pwcorr morate yrsoth, sig

-> assoc = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.5731 0.0406	1.0000

-> assoc = 1

	morate	yrsoth
morate	1.0000	
yrsoth	0.5184 0.1023	1.0000

. by assist, sort: pwcorr morate yrsni u, sig

-> assist = 0

	morate	yrsni u
morate	1.0000	

YrsNIU0th

yr sni u	-0.0098	1.0000
	0.9673	

-> assist = 1

	morate	yr sni u
morate	1.0000	
yr sni u	-0.5307	1.0000
	0.4693	

. by assist: pwcorr morate yrsoth, sig

-> assist = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.4758	1.0000
	0.0340	

-> assist = 1

	morate	yrsoth
morate	1.0000	
yrsoth	0.9801	1.0000
	0.0199	

. clear all

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. use

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. keep if hi sp==1 | whmal e==1
(301 observations deleted)

. ttest yr sni u, by (hi sp)

Two-sample t test with equal variances

Group | Obs Mean Std. Err. Std. Dev. [95% Conf. Interval]

```

                                YrsNIU0th
      0 |      255      14.51809      .5940005      9.485428      13.34829      15.68788
      1 |      19       9.737996      1.764184      7.689898      6.031584      13.44441
-----+-----
combi ned |      274      14.18662      .5702171      9.438772      13.06404      15.3092
-----+-----
di ff |      4.780092      2.229991      .3898545      9.170329
-----+-----
di ff = mean(0) - mean(1)
Ho: di ff = 0
                                t = 2.1435
                                degrees of freedom = 272

      Ha: di ff < 0
      Pr(T < t) = 0.9835
      Ha: di ff != 0
      Pr(|T| > |t|) = 0.0330
      Ha: di ff > 0
      Pr(T > t) = 0.0165

```

. ttest yrsoth, by (hi sp)

Two-sample t test with equal variances

```

-----+-----
Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----
      0 |      255      2.945098      .2969463      4.741852      2.360308      3.529889
      1 |      19       1.447368      .7203138      3.139775      -.0659547      2.960692
-----+-----
combi ned |      274      2.841241      .2815205      4.659994      2.287014      3.395468
-----+-----
di ff |      1.49773      1.106504      -.6806706      3.67613
-----+-----
di ff = mean(0) - mean(1)
Ho: di ff = 0
                                t = 1.3536
                                degrees of freedom = 272

      Ha: di ff < 0
      Pr(T < t) = 0.9115
      Ha: di ff != 0
      Pr(|T| > |t|) = 0.1770
      Ha: di ff > 0
      Pr(T > t) = 0.0885

```

. by full, sort: ttest yrsni u, by(hi sp)

-----+-----
-> full = 0

Two-sample t test with equal variances

```

-----+-----
Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----
      0 |      143      10.75634      .7319664      8.753045      9.309378      12.2033
      1 |      14       7.178865      1.735495      6.493629      3.429555      10.92817
-----+-----
combi ned |      157      10.43733      .687931      8.619751      9.078465      11.79619
-----+-----
di ff |      3.577472      2.404528      -1.172401      8.327345
-----+-----
di ff = mean(0) - mean(1)
Ho: di ff = 0
                                t = 1.4878
                                degrees of freedom = 155

      Ha: di ff < 0
      Pr(T < t) = 0.9306
      Ha: di ff != 0
      Pr(|T| > |t|) = 0.1388
      Ha: di ff > 0
      Pr(T > t) = 0.0694

```

-----+-----
-> full = 1

Two-sample t test with equal variances

```

-----+-----
Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----

```

```

                YrsNIU0th
    0 |      112   19.32104   .7697723   8.146504   17.79568   20.84639
    1 |       5   16.90356   2.896834   6.477517   8.860662   24.94646
-----+-----
combined |      117   19.21773   .7464613   8.074213   17.73927   20.69619
-----+-----
diff |           2.417476   3.699768           -4.911053   9.746004
-----+-----
diff = mean(0) - mean(1)
Ho: diff = 0
                                t = 0.6534
                                degrees of freedom = 115

    Ha: diff < 0
    Pr(T < t) = 0.7426

    Ha: diff != 0
    Pr(|T| > |t|) = 0.5148

    Ha: diff > 0
    Pr(T > t) = 0.2574

```

```
. by full, sort: ttest yrsoth, by(hisp)
```

```
-----+-----
-> full = 0
```

```
Two-sample t test with equal variances
```

```

-----+-----
Group |      Obs      Mean   Std. Err.   Std. Dev.   [95% Conf. Interval]
-----+-----
    0 |      143      1.5     .2382365    2.848894     1.029051    1.970949
    1 |       14     1.964286   .9470374    3.54349     -.0816643    4.010236
-----+-----
combined |      157     1.541401   .2320197    2.907198     1.083096    1.999707
-----+-----
diff |           -.4642857   .8158977           -2.075999    1.147428
-----+-----
diff = mean(0) - mean(1)
Ho: diff = 0
                                t = -0.5690
                                degrees of freedom = 155

    Ha: diff < 0
    Pr(T < t) = 0.2851

    Ha: diff != 0
    Pr(|T| > |t|) = 0.5701

    Ha: diff > 0
    Pr(T > t) = 0.7149

```

```
-----+-----
-> full = 1
```

```
Two-sample t test with equal variances
```

```

-----+-----
Group |      Obs      Mean   Std. Err.   Std. Dev.   [95% Conf. Interval]
-----+-----
    0 |      112     4.790179   .5585721    5.911372     3.683331    5.897027
    1 |       5      0           0           0           0           0
-----+-----
combined |      117     4.58547   .5421142    5.863862     3.511745    5.659196
-----+-----
diff |           4.790179   2.654604           -.4680813   10.04844
-----+-----
diff = mean(0) - mean(1)
Ho: diff = 0
                                t = 1.8045
                                degrees of freedom = 115

    Ha: diff < 0
    Pr(T < t) = 0.9631

    Ha: diff != 0
    Pr(|T| > |t|) = 0.0738

    Ha: diff > 0
    Pr(T > t) = 0.0369

```

```
. by assoc, sort: ttest yrsniu, by(hisp)
```

```
-----+-----
-> assoc = 0
```

YrsNIU0th

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	157	14.86195	.8177525	10.24641	13.24665	16.47725
1	11	8.775841	2.692438	8.929806	2.776715	14.77497
combined	168	14.46345	.7910529	10.25322	12.9017	16.02521
diff		6.086109	3.172572		-.1776831	12.3499

diff = mean(0) - mean(1) t = 1.9184
 Ho: diff = 0 degrees of freedom = 166

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.9716 Pr(|T| > |t|) = 0.0568 Pr(T > t) = 0.0284

-> assoc = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	98	13.96721	.8222305	8.139667	12.33531	15.59911
1	8	11.06096	2.082332	5.889726	6.137025	15.98489
combined	106	13.74787	.7777192	8.007109	12.20579	15.28994
diff		2.906248	2.944585		-2.932975	8.745471

diff = mean(0) - mean(1) t = 0.9870
 Ho: diff = 0 degrees of freedom = 104

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.8370 Pr(|T| > |t|) = 0.3259 Pr(T > t) = 0.1630

. by assoc, sort: ttest yrsoth, by(hisp)

-> assoc = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	157	3.589172	.4282246	5.365638	2.743305	4.435039
1	11	.6363636	.6363636	2.110579	-.7815429	2.05427
combined	168	3.395833	.4060346	5.26281	2.594211	4.197456
diff		2.952808	1.630351		-.2660887	6.171705

diff = mean(0) - mean(1) t = 1.8111
 Ho: diff = 0 degrees of freedom = 166

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.9640 Pr(|T| > |t|) = 0.0719 Pr(T > t) = 0.0360

YrsNIU0th

-> assoc = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	98	1.913265	.3324312	3.290901	1.253481	2.573049
1	8	2.5625	1.4375	4.065864	-.8366474	5.961647
combined	106	1.962264	.3241339	3.337163	1.319566	2.604962
diff		-.6492347	1.231319		-3.090987	1.792517

diff = mean(0) - mean(1) t = -0.5273
 Ho: diff = 0 degrees of freedom = 104

Ha: diff < 0 Pr(T < t) = 0.2996
 Ha: diff != 0 Pr(|T| > |t|) = 0.5991
 Ha: diff > 0 Pr(T > t) = 0.7004

. by assist, sort: ttest yrsniu, by(hisp)

-> assist = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	210	16.82258	.5902561	8.553623	15.65896	17.9862
1	13	13.30811	1.818158	6.555461	9.346688	17.26954
combined	223	16.6177	.567759	8.47845	15.49882	17.73659
diff		3.514469	2.417133		-1.249111	8.27805

diff = mean(0) - mean(1) t = 1.4540
 Ho: diff = 0 degrees of freedom = 221

Ha: diff < 0 Pr(T < t) = 0.9263
 Ha: diff != 0 Pr(|T| > |t|) = 0.1474
 Ha: diff > 0 Pr(T > t) = 0.0737

-> assist = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	45	3.763775	.7920444	5.313195	2.167514	5.360035
1	6	2.00274	.8950399	2.192391	-.2980335	4.303513
combined	51	3.556594	.7092037	5.064727	2.132117	4.981072
diff		1.761035	2.209269		-2.678657	6.200727

diff = mean(0) - mean(1) t = 0.7971
 Ho: diff = 0 degrees of freedom = 49

Ha: diff < 0 Pr(T < t) = 0.7854
 Ha: diff != 0 Pr(|T| > |t|) = 0.4292
 Ha: diff > 0 Pr(T > t) = 0.2146

YrsNI U0th

. by assist, sort: ttest yrsoth, by(hi sp)

-> assist = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	210	3.447619	.3495244	5.06509	2.758574 4.136664
1	13	1.576923	.9334355	3.365549	-.4568581 3.610704
combined	223	3.338565	.3345438	4.995804	2.679277 3.997853
diff		1.870696	1.425513		-.9386434 4.680035

diff = mean(0) - mean(1) t = 1.3123
 Ho: diff = 0 degrees of freedom = 221

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.9046 Pr(|T| > |t|) = 0.1908 Pr(T > t) = 0.0954

-> assist = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	45	.6	.1569919	1.053134	.2836036 .9163964
1	6	1.166667	1.166667	2.857738	-1.832345 4.165679
combined	51	.6666667	.1892538	1.351542	.2865393 1.046794
diff		-.5666667	.587814		-1.747923 .6145898

diff = mean(0) - mean(1) t = -0.9640
 Ho: diff = 0 degrees of freedom = 49

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
 Pr(T < t) = 0.1699 Pr(|T| > |t|) = 0.3398 Pr(T > t) = 0.8301

. keep if hi sp==1
(255 observations deleted)

. summarize yrsni u yrsoth

Variable	Obs	Mean	Std. Dev.	Min	Max
yrsni u	19	9.737996	7.689898	0	28.01918
yrsoth	19	1.447368	3.139775	0	10.5

. pwcorr morate yrsni u, sig

	morate	yrsni u
morate	1.0000	
yrsni u	0.2448	1.0000

YrsNIU0th

| 0.3126

. pwcorr morate yrsoth, sig

	morate	yrsoth
morate	1.0000	
yrsoth	0.2842 0.2382	1.0000

. by full, sort: pwcorr morate yrsni u, sig

-> full = 0

	morate	yrsni u
morate	1.0000	
yrsni u	0.3021 0.2939	1.0000

-> full = 1

	morate	yrsni u
morate	1.0000	
yrsni u	0.0425 0.9459	1.0000

. by full: pwcorr morate yrsoth, sig

-> full = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.3193 0.2658	1.0000

-> full = 1

	morate	yrsoth
--	--------	--------

YrsNI U0th

morate		1.0000
yrsoth		.

. by assoc, sort: pcorr morate yrsni u, sig

-> assoc = 0

		morate	yrnsni u
morate		1.0000	
yrnsni u		0.6366 0.0352	1.0000

-> assoc = 1

		morate	yrnsni u
morate		1.0000	
yrnsni u		-0.0533 0.9002	1.0000

. by assoc: pcorr morate yrsoth, sig

-> assoc = 0

		morate	yrsoth
morate		1.0000	
yrsoth		-0.4059 0.2154	1.0000

-> assoc = 1

		morate	yrsoth
morate		1.0000	
yrsoth		0.3599 0.3812	1.0000

YrsNIU0th

. by assist, sort: pcorr morate yrsni u, sig

-> assist = 0

	morate	yrsni u
morate	1.0000	
yrsni u	-0.1013 0.7420	1.0000

-> assist = 1

	morate	yrsni u
morate	1.0000	
yrsni u	-0.2393 0.6479	1.0000

. by assist: pcorr morate yrsoth, sig

-> assist = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.3795 0.2009	1.0000

-> assist = 1

	morate	yrsoth
morate	1.0000	
yrsoth	-0.5229 0.2872	1.0000

. clear all

. * BLACK & HISPANIC FACULTY MEMBERS

. use

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YrsNIU0th

 diff = mean(0) - mean(1) t = 0.5586
 Ho: diff = 0 degrees of freedom = 170

Ha: diff < 0 Pr(T < t) = 0.7114
 Ha: diff != 0 Pr(|T| > |t|) = 0.5772
 Ha: diff > 0 Pr(T > t) = 0.2886

 -> full = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	112	19.32104	.7697723	8.146504	17.79568	20.84639
1	14	16.72368	1.683943	6.300739	13.08574	20.36162
combined	126	19.03244	.7112082	7.983292	17.62487	20.44001
diff		2.597358	2.260153		-1.876119	7.070835

diff = mean(0) - mean(1) t = 1.1492
 Ho: diff = 0 degrees of freedom = 124

Ha: diff < 0 Pr(T < t) = 0.8737
 Ha: diff != 0 Pr(|T| > |t|) = 0.2527
 Ha: diff > 0 Pr(T > t) = 0.1263

. by full, sort: ttest yrsoth, by(blckhisp)

 -> full = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	143	1.5	.2382365	2.848894	1.029051	1.970949
1	29	2.293103	.6333882	3.4109	.9956666	3.59054
combined	172	1.633721	.2253354	2.955246	1.188924	2.078518
diff		-.7931034	.6005483		-1.978596	.392389

diff = mean(0) - mean(1) t = -1.3206
 Ho: diff = 0 degrees of freedom = 170

Ha: diff < 0 Pr(T < t) = 0.0942
 Ha: diff != 0 Pr(|T| > |t|) = 0.1884
 Ha: diff > 0 Pr(T > t) = 0.9058

 -> full = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	112	4.790179	.5585721	5.911372	3.683331	5.897027
1	14	3	1.664101	6.226494	-.5950708	6.595071
combined	126	4.59127	.5299117	5.948244	3.542509	5.640031

YrsNIU0th

diff	1.790179	1.685304	-1.54551	5.125867
------	----------	----------	----------	----------

diff = mean(0) - mean(1) t = 1.0622
 Ho: diff = 0 degrees of freedom = 124

Ha: diff < 0 Pr(T < t) = 0.8549 Ha: diff != 0 Pr(|T| > |t|) = 0.2902 Ha: diff > 0 Pr(T > t) = 0.1451

. by assoc, sort: ttest yrsni u, by(blckhi sp)

-> assoc = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	157	14.86195	.8177525	10.24641	13.24665 16.47725
1	24	11.63219	1.749735	8.571914	8.01259 15.25179
combined	181	14.43369	.7491639	10.07897	12.95542 15.91197
diff		3.229757	2.201991		-1.115443 7.574957

diff = mean(0) - mean(1) t = 1.4667
 Ho: diff = 0 degrees of freedom = 179

Ha: diff < 0 Pr(T < t) = 0.9279 Ha: diff != 0 Pr(|T| > |t|) = 0.1442 Ha: diff > 0 Pr(T > t) = 0.0721

-> assoc = 1

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
0	98	13.96721	.8222305	8.139667	12.33531 15.59911
1	19	12.56698	1.474115	6.42552	9.469977 15.66398
combined	117	13.73982	.7284091	7.878949	12.29711 15.18253
diff		1.400228	1.979286		-2.520356 5.320812

diff = mean(0) - mean(1) t = 0.7074
 Ho: diff = 0 degrees of freedom = 115

Ha: diff < 0 Pr(T < t) = 0.7596 Ha: diff != 0 Pr(|T| > |t|) = 0.4807 Ha: diff > 0 Pr(T > t) = 0.2404

. by assoc, sort: ttest yrsoth, by(blckhi sp)

-> assoc = 0

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]
-------	-----	------	-----------	-----------	----------------------

```

                                YrsNIU0th
      0 |      157      3.589172      .4282246      5.365638      2.743305      4.435039
      1 |      24      2.166667      1.020917      5.001449      .0547399      4.278593
-----+-----
combi ned |      181      3.400552      .3959862      5.32745      2.61918      4.181925
-----+-----
      di ff |      1.422505      1.166044      -.8784559      3.723467
-----+-----
      di ff = mean(0) - mean(1)
Ho: di ff = 0
                                t = 1.2199
                                degrees of freedom = 179

      Ha: di ff < 0
Pr(T < t) = 0.8880
      Ha: di ff != 0
Pr(|T| > |t|) = 0.2241
      Ha: di ff > 0
Pr(T > t) = 0.1120

```

-> assoc = 1

Two-sample t test with equal variances

```

-----+-----
      Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----
      0 |      98      1.913265      .3324312      3.290901      1.253481      2.573049
      1 |      19      2.973684      .8587984      3.743415      1.169416      4.777953
-----+-----
combi ned |      117      2.08547      .3119401      3.374148      1.467633      2.703307
-----+-----
      di ff |      -1.060419      .8436934      -2.731613      .6107753
-----+-----
      di ff = mean(0) - mean(1)
Ho: di ff = 0
                                t = -1.2569
                                degrees of freedom = 115

      Ha: di ff < 0
Pr(T < t) = 0.1057
      Ha: di ff != 0
Pr(|T| > |t|) = 0.2113
      Ha: di ff > 0
Pr(T > t) = 0.8943

```

. by assist, sort: ttest yrsni u, by(blckhi sp)

-> assist = 0

Two-sample t test with equal variances

```

-----+-----
      Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----
      0 |      210      16.82258      .5902561      8.553623      15.65896      17.9862
      1 |      33      14.33043      1.150813      6.610917      11.9863      16.67456
-----+-----
combi ned |      243      16.48414      .5355605      8.348562      15.42919      17.5391
-----+-----
      di ff |      2.492156      1.558314      -.577499      5.56181
-----+-----
      di ff = mean(0) - mean(1)
Ho: di ff = 0
                                t = 1.5993
                                degrees of freedom = 241

      Ha: di ff < 0
Pr(T < t) = 0.9445
      Ha: di ff != 0
Pr(|T| > |t|) = 0.1111
      Ha: di ff > 0
Pr(T > t) = 0.0555

```

-> assist = 1

Two-sample t test with equal variances

```

                                YrsNIU0th
Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----
    0 |         45    3.763775    .7920444    5.313195    2.167514    5.360035
    1 |         10    4.50411    1.834471    5.801106    .3542484    8.653971
-----+-----
combi ned |         55    3.898381    .7222957    5.356688    2.450265    5.346497
-----+-----
di ff |              -.7403349    1.887561              -4.526303    3.045633
-----+-----
di ff = mean(0) - mean(1)
Ho: di ff = 0                      t = -0.3922
                                   degrees of freedom = 53

Ha: di ff < 0                      Pr(T < t) = 0.3482
Ha: di ff != 0                     Pr(|T| > |t|) = 0.6965
Ha: di ff > 0                      Pr(T > t) = 0.6518

```

. by assist, sort: ttest yrsoth, by(blckhi sp)

-> assist = 0

Two-sample t test with equal variances

```

Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----
    0 |        210    3.447619    .3495244    5.06509    2.758574    4.136664
    1 |         33    2.984848    .8462498    4.861335    1.261094    4.708603
-----+-----
combi ned |        243    3.384774    .322713    5.030598    2.749089    4.020459
-----+-----
di ff |              .4627706    .9434929              -1.395775    2.321316
-----+-----
di ff = mean(0) - mean(1)
Ho: di ff = 0                      t = 0.4905
                                   degrees of freedom = 241

Ha: di ff < 0                      Pr(T < t) = 0.6879
Ha: di ff != 0                     Pr(|T| > |t|) = 0.6242
Ha: di ff > 0                      Pr(T > t) = 0.3121

```

-> assist = 1

Two-sample t test with equal variances

```

Group |      Obs      Mean      Std. Err.      Std. Dev.      [95% Conf. Interval]
-----+-----
    0 |         45    .6    .1569919    1.053134    .2836036    .9163964
    1 |         10    1    .7302967    2.309401    -.652046    2.652046
-----+-----
combi ned |         55    .6727273    .1817508    1.3479    .3083388    1.037116
-----+-----
di ff |              -.4    .4724706              -1.347656    .5476561
-----+-----
di ff = mean(0) - mean(1)
Ho: di ff = 0                      t = -0.8466
                                   degrees of freedom = 53

Ha: di ff < 0                      Pr(T < t) = 0.2005
Ha: di ff != 0                     Pr(|T| > |t|) = 0.4010
Ha: di ff > 0                      Pr(T > t) = 0.7995

```

. keep if blckhi sp==1
(255 observations deleted)

YrsNIU0th

. summarize yrsni u yrsoth

Variable	Obs	Mean	Std. Dev.	Min	Max
yrsni u	43	12.04524	7.625811	0	30.02192
yrsoth	43	2.523256	4.457409	0	22

. pwcorr morate yrsni u, sig

	morate	yrsni u
morate	1.0000	
yrsni u	0.1377 0.3784	1.0000

. pwcorr morate yrsoth, sig

	morate	yrsoth
morate	1.0000	
yrsoth	0.3428 0.0244	1.0000

. by full, sort: pwcorr morate yrsni u, sig

-> full = 0

	morate	yrsni u
morate	1.0000	
yrsni u	0.1173 0.5445	1.0000

-> full = 1

	morate	yrsni u
morate	1.0000	
yrsni u	-0.3674 0.1962	1.0000

. by full: pwcorr morate yrsoth, sig

-> full = 0

YrsNI U0th

	morate	yrsoth
morate	1.0000	
yrsoth	0.2878 0.1300	1.0000

-> full = 1

	morate	yrsoth
morate	1.0000	
yrsoth	0.5048 0.0656	1.0000

. by assoc, sort: pcorr morate yrsni u, sig

-> assoc = 0

	morate	yrsni u
morate	1.0000	
yrsni u	0.3069 0.1447	1.0000

-> assoc = 1

	morate	yrsni u
morate	1.0000	
yrsni u	-0.0545 0.8247	1.0000

. by assoc: pcorr morate yrsoth, sig

-> assoc = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.4529 0.0263	1.0000

YrsNIU0th

-> assoc = 1

	morate	yrsoth
morate	1.0000	
yrsoth	0.2447 0.3126	1.0000

. by assist, sort: pcorr morate yrsni u, sig

-> assist = 0

	morate	yrsni u
morate	1.0000	
yrsni u	-0.0797 0.6592	1.0000

-> assist = 1

	morate	yrsni u
morate	1.0000	
yrsni u	-0.3707 0.2917	1.0000

. by assist: pcorr morate yrsoth, sig

-> assist = 0

	morate	yrsoth
morate	1.0000	
yrsoth	0.3156 0.0736	1.0000

-> assist = 1

	morate	yrsoth
--	--------	--------

YrsNIU0th

morate	1.0000	
yrsoth	-0.0861	1.0000
	0.8130	

. clear all

. * CHECK YRSNIU FOR BLACK ASSISTANT PROFESSOR (EDUC) w/ 20 years at NIU

. use

C:\Users\TAOVLW1\Desktop\Documents\FACULTY_SALARY_STUDY\WORKING\DATA\FINAL\FSS2015-16C

. keep if black==1 & assist==1
(571 observations deleted)

. tab control yrsniu

control	yrsniu			Total
	4.00274	5.005479	20.0137	
122122	1	0	0	1
124106	0	0	1	1
134116	1	0	0	1
134118	0	1	0	1
Total	2	1	1	4

. drop if control==124106
(1 observation deleted)

. sum yrsniu

Variable	Obs	Mean	Std. Dev.	Min	Max
yrsniu	3	4.336986	.5789321	4.00274	5.005479

. clear all

. ***** CLOSE OUTPUT

. log close

name: <unnamed>

log:

C:\Users\TAOVLW1\Desktop\Documents\FACULTY_SALARY_STUDY\WORKING\PROGRAMS\ReportTabl

> es\YrsNIU0th.log

log type: text

closed on: 26 Feb 2018, 11:22:24