

CORRELATIONS

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name: <unnamed>
log: C:\Users\TAOVLW1\Documents\WORK\Faculty_Salary_Study\PROGRAMS\CORRE
> LATIONS.log
log type: text
opened on: 10 Mar 2018, 13:26:05
```

```
. **** USE YOUNGER FMS DATA SET ****
. use C:\Users\TAOVLW1\Documents\WORK\Faculty_Salary_Study\DATA\FSS2015-16C
.
. describe
```

```
Contains data from C:\Users\TAOVLW1\Documents\WORK\Faculty_Salary_Study\DATA\FSS
> 2015-16C.dta
obs: 575
vars: 87 9 Mar 2018 16:55
size: 120,750
```

```
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```

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		
quint	float	%9.0g		
quintTOP	float	%9.0g		
quint2ND	float	%9.0g		
quintMID	float	%9.0g		
quint4TH	float	%9.0g		
quintBOT	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

CORRELATIONS

dept2	byte	%8.0g	dept==	2.0000
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
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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
qui ntD	float	%9.0g		
qui ntDTOP	float	%9.0g		
qui ntD2ND	float	%9.0g		
qui ntDMI D	float	%9.0g		
qui ntD4TH	float	%9.0g		
qui ntDBOT	float	%9.0g		

Sorted by: qui ntD

. summarize

Vari able	Obs	Mean	Std. Dev.	Min	Max
control	575	121888.3	12709.46	102101	148139
col lege	575	4.537391	1.950139	1	8
dept	575	25.37391	13.00138	1	45
age	575	50.00178	10.10232	27.26575	80.11507
femal e	575	.4313043	.4956896	0	1
mi nori ty	575	.2295652	.4209194	0	1
asi an	575	.1513043	.3586573	0	1
bl ack	575	.0417391	.2001666	0	1

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hi sp	575	.0330435	.1789058	0	1
morate	575	8754.981	2560.947	4084	19444.46
full	575	.333913	.4720197	0	1
assoc	575	.4452174	.4974225	0	1
rkyrs	575	4.71827	4.919266	0	29
yrnsi u	575	13.03161	8.601392	0	46.96986
yrsoth	575	2.29913	4.026816	0	33
merit	575	4.56711	1.324462	1.636667	9.666667
sal adj	575	.0313043	.1742906	0	1
seadj	575	.0886957	.2845515	0	1
profshi p	575	.08	.2715294	0	1
RKST_FULLL	575	.026087	.1595327	0	1
RKST_ASSOC	575	.0765217	.2660625	0	1
CUPA_NAT	575	9410.338	2287.929	6129.519	16705.33
CUPA_NIU	575	9516.085	2291.557	6348.247	16693
CUPA_NATR	575	9625.953	2622.314	5818.849	18179.78
yearstart	575	2003.031	8.594974	1969	2016
qui nt	575	2.963478	1.415588	1	5
qui ntTOP	575	.1930435	.3950305	0	1
qui nt2ND	575	.1982609	.3990369	0	1
qui ntMI D	575	.1930435	.3950305	0	1
qui nt4TH	575	.2104348	.4079724	0	1
qui ntBOT	575	.2052174	.404212	0	1
l morate	575	9.040346	.2650569	8.314832	9.875318
cupa000	575	9.516085	2.291557	6.348247	16.693
whmal e	575	.4434783	.4972276	0	1
RKST_ASSI ST	575	.8973913	.3037113	0	1
assi st	575	.2208696	.4151939	0	1
sal start	570	8147.535	3902.547	1199.88	32521.98
yrnsi u2	575	243.6781	281.4372	0	2206.168
yrsoth2	575	21.47304	72.00897	0	1089
dept1	575	.0295652	.169532	0	1
dept2	575	.0121739	.1097573	0	1
dept3	575	.0191304	.1371027	0	1
dept4	575	.013913	.1172321	0	1
dept5	575	.0121739	.1097573	0	1
dept6	575	.013913	.1172321	0	1
dept7	575	.0208696	.1430721	0	1
dept8	575	.0191304	.1371027	0	1
dept9	575	.0226087	.1487819	0	1
dept10	575	.0191304	.1371027	0	1
dept11	575	.0191304	.1371027	0	1
dept12	575	.0156522	.1242338	0	1
dept13	575	.0173913	.1308381	0	1
dept14	575	.0086957	.092925	0	1
dept15	575	.0156522	.1242338	0	1
dept16	575	.0295652	.169532	0	1
dept17	575	.026087	.1595327	0	1
dept18	575	.0173913	.1308381	0	1
dept19	575	.0243478	.1542608	0	1
dept20	575	.0156522	.1242338	0	1
dept21	575	.0365217	.1877477	0	1

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dept22	575	.0208696	.1430721	0	1
dept23	575	.0347826	.1833883	0	1
dept24	575	.0156522	.1242338	0	1
dept25	575	.0156522	.1242338	0	1
dept26	575	.0434783	.2041087	0	1

dept27	575	.026087	.1595327	0	1
dept28	575	.0191304	.1371027	0	1
dept29	575	.0191304	.1371027	0	1
dept30	575	.0434783	.2041087	0	1
dept31	575	.0382609	.1919924	0	1

dept32	575	.0173913	.1308381	0	1
dept33	575	.0347826	.1833883	0	1
dept34	575	.0173913	.1308381	0	1
dept35	575	.0434783	.2041087	0	1
dept36	575	.0121739	.1097573	0	1

dept37	575	.0226087	.1487819	0	1
dept38	575	.0086957	.092925	0	1
dept39	575	.0330435	.1789058	0	1
dept40	575	.053913	.2260427	0	1
dept41	575	.0469565	.2117299	0	1

dept42	575	.0243478	.1542608	0	1
qui ntD	575	2.85913	1.396605	1	5
qui ntD TOP	575	.16	.3669253	0	1
qui ntD 2ND	575	.2034783	.4029357	0	1
qui ntDMI D	575	.2017391	.4016479	0	1

qui ntD 4TH	575	.2052174	.404212	0	1
qui ntDBOT	575	.2295652	.4209194	0	1

```
. pwcrr morate female asian black hisp cupa00 full
> cupa00 full assoc yrsniu yrsoth ///
> qui ntTOP qui nt2ND qui ntMI D profship saladj seadj ///
> salstart RKST_FULL RKST_ASSOC rkyrs, sig
```

	morate	female	asian	black	hisp	cupa000	full
morate	1.0000						
female	-0.1477 0.0004	1.0000					
asian	0.0429 0.3041	0.0145 0.7292	1.0000				
black	-0.0525 0.2091	-0.0062 0.8827	-0.0881 0.0346	1.0000			
hisp	-0.0248 0.5533	0.0158 0.7050	-0.0781 0.0614	-0.0386 0.3558	1.0000		
cupa000	0.7780 0.0000	-0.1479 0.0004	0.0629 0.1319	-0.1069 0.0103	0.0124 0.7675	1.0000	
full	0.4330 0.0000	-0.1996 0.0000	-0.0623 0.1359	0.0182 0.6635	-0.0277 0.5069	0.1137 0.0064	1.0000
assoc	-0.2054	0.1172	-0.0072	0.0055	-0.0090	-0.0615	-0.6343

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	0.0000	0.0049	0.8638	0.8952	0.8297	0.1408	0.0000
yrsni u	0.2014 0.0000	-0.1219 0.0034	-0.0984 0.0183	0.0204 0.6254	-0.0708 0.0896	0.0402 0.3360	0.4818 0.0000
yrsoth	0.2647 0.0000	-0.1315 0.0016	-0.0615 0.1405	0.0558 0.1814	-0.0391 0.3489	0.0497 0.2339	0.2957 0.0000
qui ntTOP	0.0328 0.4319	0.0456 0.2750	0.0394 0.3455	-0.1021 0.0143	0.0575 0.1686	-0.0283 0.4977	0.0741 0.0756
qui nt2ND	-0.0055 0.8961	0.0073 0.8609	0.0091 0.8268	0.0707 0.0903	0.0057 0.8918	-0.0363 0.3843	-0.0099 0.8135
qui ntMI D	0.0093 0.8244	0.0100 0.8107	-0.0344 0.4108	-0.0139 0.7386	0.0082 0.8447	0.0212 0.6126	-0.0099 0.8119
profshi p	0.2647 0.0000	-0.0885 0.0338	-0.0530 0.2048	0.0026 0.9511	0.0172 0.6804	0.0676 0.1051	0.4165 0.0000
sal adj	0.0264 0.5282	0.0451 0.2803	-0.0202 0.6295	0.0124 0.7663	-0.0332 0.4264	-0.0031 0.9415	0.0421 0.3132
seadj	0.1213 0.0036	-0.0494 0.2373	-0.0634 0.1286	-0.0345 0.4086	0.0108 0.7966	-0.0089 0.8315	0.2590 0.0000
sal start	0.1245 0.0029	-0.1807 0.0000	-0.0524 0.2118	0.0330 0.4320	0.0271 0.5189	0.0966 0.0211	0.2467 0.0000
RKST_FULLL	0.1616 0.0001	-0.0764 0.0670	-0.0387 0.3548	0.0204 0.6254	-0.0303 0.4690	-0.0355 0.3962	0.2080 0.0000
RKST_ASSOC	0.2144 0.0000	-0.1450 0.0005	-0.0850 0.0415	0.0381 0.3623	-0.0532 0.2026	0.1077 0.0097	0.2817 0.0000
rkyrs	0.1030 0.0134	-0.1080 0.0096	-0.0815 0.0509	-0.0022 0.9582	-0.0904 0.0303	0.0077 0.8542	0.1426 0.0006
	assoc	yrsni u	yrsoth	qui ntTOP	qui nt2ND	qui ntMI D	profshi p
assoc	1.0000						
yrsni u	0.0244 0.5587	1.0000					
yrsoth	-0.1645 0.0001	-0.0253 0.5448	1.0000				
qui ntTOP	-0.0214 0.6078	0.0219 0.5998	-0.0139 0.7392	1.0000			
qui nt2ND	0.0022 0.9589	-0.0725 0.0824	0.0259 0.5352	-0.2432 0.0000	1.0000		
qui ntMI D	-0.0392 0.3483	-0.0409 0.3277	0.0025 0.9520	-0.2392 0.0000	-0.2432 0.0000	1.0000	
profshi p	-0.2642 0.0000	0.2167 0.0000	0.1207 0.0038	0.0019 0.9628	-0.0019 0.9632	0.0832 0.0462	1.0000
sal adj	0.0198	0.0785	0.0239	0.0386	0.0108	-0.0879	0.0206

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	0.6354	0.0599	0.5679	0.3556	0.7960	0.0350	0.6218
seadj	-0.1195 0.0041	0.1750 0.0000	0.0163 0.6959	0.1109 0.0078	0.0290 0.4880	-0.0441 0.2911	0.2688 0.0000
sal start	-0.0521 0.2139	0.4741 0.0000	0.0284 0.4984	-0.0444 0.2902	-0.0197 0.6386	-0.0186 0.6574	0.0757 0.0711
RKST_FULL	-0.1247 0.0027	-0.0093 0.8247	0.5763 0.0000	-0.0248 0.5535	0.0554 0.1843	0.0029 0.9450	0.1126 0.0069
RKST_ASSOC	-0.1394 0.0008	0.0467 0.2631	0.4209 0.0000	-0.0082 0.8447	-0.0611 0.1434	-0.0082 0.8447	0.1804 0.0000
rkyrs	-0.0163 0.6967	0.6572 0.0000	0.1882 0.0000	-0.0509 0.2234	-0.0425 0.3090	-0.0141 0.7359	0.0886 0.0336
	sal adj	seadj	sal start	RKST_F~L	RKST_A~C		rkyrs
sal adj	1.0000						
seadj	-0.0561 0.1793	1.0000					
sal start	0.0050 0.9054	0.0226 0.5905	1.0000				
RKST_FULL	0.0332 0.4264	0.0257 0.5386	0.0174 0.6792	1.0000			
RKST_ASSOC	-0.0142 0.7344	0.0022 0.9572	0.0377 0.3690	-0.0471 0.2594	1.0000		
rkyrs	0.0469 0.2617	0.0216 0.6050	0.3732 0.0000	0.2447 0.0000	0.0631 0.1308	1.0000	

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. ***** CLOSE OUTPUT
. log close
  name: <unnamed>
  log: C:\Users\TA0VLW1\Documents\WORK\Facul ty_Sal ary_Study\PROGRAMS\CORRE
> LATIONS.log
  log type: text
  closed on: 10 Mar 2018, 13:26:07

```