

OAXACA QUANT - EXTENDED MODEL

```
-----
name: <unnamed>
log:
C: \Users\TAOVLW1\Desktop\Documents\FACULTY_SALARY_STUDY\WORKING\PROGRAMS\RegOut\OAX
> ACArob-Bquant-NEW.log
log type: text
opened on: 9 Mar 2018, 13:45:10
```

```
. **** USE DATA SET WITH DEPT DUMMIES (created 18Sep17) *****
. use
C: \Users\TAOVLW1\Desktop\Documents\FACULTY_SALARY_STUDY\WORKING\DATA\FINAL\FSS2015-1
6C
```

```
. describe
```

```
Contains data from
C: \Users\TAOVLW1\Desktop\Documents\FACULTY_SALARY_STUDY\WORKING\DATA\FINAL\FSS
> S2015-16C.dta
obs: 575
vars: 81 22 Nov 2017 15:27
size: 106,950
```

```
-----
```

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		
yrsnu	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		
quitBOT	float	%9.0g		
lmorate	float	%9.0g		
cupa000	float	%9.0g		

OAXACA QUANT - EXTENDED MODEL

```

whmale      float    %9.0g
RKST_ASSIST float    %9.0g
assst       float    %9.0g
salstart    float    %9.0g
yrsnu2      float    %9.0g
yrsoth2     float    %9.0g
dept1       byte     %8.0g      dept== 1.0000
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
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

```

Sorted by: quint

. summarize

Variable	Obs	Mean	Std. Dev.	Min	Max
control	575	121888.3	12709.46	102101	148139
college	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
female	575	.4313043	.4956896	0	1
minority	575	.2295652	.4209194	0	1

OAXACA QUANT - EXTENDED MODEL

asi an	575	. 1513043	. 3586573	0	1
bl ack	575	. 0417391	. 2001666	0	1
hi sp	575	. 0330435	. 1789058	0	1
morate	575	8754. 981	2560. 947	4084	19444. 46
ful l	575	. 333913	. 4720197	0	1
assoc	575	. 4452174	. 4974225	0	1
rkyrs	575	4. 71827	4. 919266	0	29
yrsni u	575	13. 03161	8. 601392	0	46. 96986
yrsoth	575	2. 29913	4. 026816	0	33
meri t	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_FULL	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
yrsni 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

OAXACA QUANT - EXTENDED MODEL						
dept21	575	.0365217	.1877477	0	1	
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	

```

. * OAXACA DECOMP - WHITE MALES VS. FEMALES
. keep if whmale==1 | female==1
(72 observations deleted)

```

```

. rqdeco l morate cupa000 full assoc yrsniu yrsniu2 yrsoth yrsoth2 ///
>      quantTOP quant2ND quantMID profship saladj seadj ///
>      salstart RKST_FULL RKST_ASSOC rkyrs ///
>      , by(female) quantile(.1) vce(boot) reps(100)
Fitting base model
(bootstrapping
*.....*.....*.....**.....*.....
> *.....*.....)

```

Decomposition of differences in distribution using quantile regression

Total number of observations	498
Number of observations in group 0	252
Number of observations in group 1	246
Number of quantile regressions estimated	100

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .1					
Raw difference	-.055644	.023687	-2.35	0.019	-.10207 -.009217
Characteristics	-.085751	.024126	-3.55	0.000	-.133037 -.038464
Coefficients	.030107	.018313	1.64	0.100	-.005787 .066

```

. rqdeco l morate cupa000 full assoc yrsniu yrsniu2 yrsoth yrsoth2 ///
>      quantTOP quant2ND quantMID profship saladj seadj ///

```

OAXACA QUANT - EXTENDED MODEL

```
> salstart RKST_FULL RKST_ASSOC rkyrs ///
> , by(female) quantile(.25) vce(boot) reps(100)
Fitting base model
(bootstrapping
```

.....*.....*
>))

Decomposition of differences in distribution using quantile regression

Total number of observations	498
Number of observations in group 0	252
Number of observations in group 1	246
Number of quantile regressions estimated	100

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .25					
Raw difference	-.064022	.012829	-4.99	0.000	-.089166 -.038877
Characteristics	-.104509	.020158	-5.18	0.000	-.144019 -.065
Coefficients	.040487	.015408	2.63	0.009	.010288 .070687

```
. rqdeco lrate cupa000 full assoc yrsniu yrsniu2 yrsoth yrsoth2 ///
> quantTOP quant2ND quantMID profship saladj seadj ///
> salstart RKST_FULL RKST_ASSOC rkyrs ///
> , by(female) quantile(.5) vce(boot) reps(100)
Fitting base model
(bootstrapping
```

.....*.....*.....*.....*.....*.....*
>))

Decomposition of differences in distribution using quantile regression

Total number of observations	498
Number of observations in group 0	252
Number of observations in group 1	246
Number of quantile regressions estimated	100

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .5					
Raw difference	-.106773	.014697	-7.27	0.000	-.135578 -.077968
Characteristics	-.134712	.018242	-7.38	0.000	-.170466 -.098959
Coefficients	.027939	.019822	1.41	0.159	-.010912 .06679

```
. rqdeco lrate cupa000 full assoc yrsniu yrsniu2 yrsoth yrsoth2 ///
> quantTOP quant2ND quantMID profship saladj seadj ///
> salstart RKST_FULL RKST_ASSOC rkyrs ///
> , by(female) quantile(.75) vce(boot) reps(100)
Fitting base model
(bootstrapping
```

.....*.....*.....*.....*.....*.....*
>))

OAXACA QUANT - EXTENDED MODEL

Decomposition of differences in distribution using quantile regression

```
Total number of observations      498
Number of observations in group 0  252
Number of observations in group 1  246

Number of quantile regressions estimated      100
```

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .75					
Raw difference	-.132188	.02241	-5.90	0.000	-.176111 -.088266
Characteristics	-.141758	.026581	-5.33	0.000	-.193857 -.089659
Coefficients	.00957	.020132	0.48	0.635	-.029888 .049027

```
. rqdeco l morate cupa000 full assoc yrsniu yrsniu2 yrsoth yrsoth2 ///
>      qui ntTOP qui nt2ND qui ntMID profship sal adj seadj ///
>      sal start RKST_FULL RKST_ASSOC rkyrs ///
>      , by(female) quantile(.9) vce(boot) reps(100)
Fitting base model
(bootstrapping
*.....*.....*.....*
> ..*.....)
```

Decomposition of differences in distribution using quantile regression

```
Total number of observations      498
Number of observations in group 0  252
Number of observations in group 1  246

Number of quantile regressions estimated      100
```

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .9					
Raw difference	-.11895	.064361	-1.85	0.065	-.245095 .007196
Characteristics	-.119365	.040581	-2.94	0.000	-.198901 -.039828
Coefficients	.000415	.030395	0.01	0.989	-.059158 .059988

```
. clear all

. * OAXACA DECOMP - WHITE MALES VS. ASIANS
. use
C:\Users\TAOVLW1\Desktop\Documents\FACULTY_SALARY_STUDY\WORKING\DATA\FINAL\FSS2015-1
6C

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

. rqdeco l morate cupa000 full assoc yrsniu yrsniu2 yrsoth yrsoth2 ///
>      qui ntTOP qui nt2ND qui ntMID profship sal adj seadj ///
>      sal start RKST_FULL RKST_ASSOC rkyrs ///
>      , by(asian) quantile(.1) vce(boot) reps(100)
Fitting base model
```

OAXACA QUANT - EXTENDED MODEL

(bootstrapping

```

****
>
****
>
****
)

```

Decomposition of differences in distribution using quantile regression

```

Total number of observations       339
Number of observations in group 0   252
Number of observations in group 1    87

Number of quantile regressions estimated 100

```

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .1					
Raw difference	-.006297	.025396	-0.25	0.804	-.056072 .043479
Characteristics	-.063852	.028961	-2.20	0.001	-.120615 -.007088
Coefficients	.057555	.019131	3.01	0.003	.020058 .095052

```

. rqdeco l morate cupa000 full assoc yrsni u yrsni u2 yrsoth yrsoth2 ///
>   qui ntTOP qui nt2ND qui ntMID profshi p sal adj seadj ///
>   sal start RKST_FULL RKST_ASSOC rkyrs ///
>   , by(asi an) quanti le(. 25) vce(boot) reps(100)

```

Fitting base model

(bootstrapping

```

****
>
****
>
****
)

```

Decomposition of differences in distribution using quantile regression

```

Total number of observations       339
Number of observations in group 0   252
Number of observations in group 1    87

Number of quantile regressions estimated 100

```

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .25					
Raw difference	-.015318	.025228	-0.61	0.544	-.064764 .034128
Characteristics	-.054509	.026377	-2.07	0.002	-.106208 -.00281
Coefficients	.039191	.017515	2.24	0.025	.004862 .073519

```

. rqdeco l morate cupa000 full assoc yrsni u yrsni u2 yrsoth yrsoth2 ///
>   qui ntTOP qui nt2ND qui ntMID profshi p sal adj seadj ///
>   sal start RKST_FULL RKST_ASSOC rkyrs ///
>   , by(asi an) quanti le(. 5) vce(boot) reps(100)

```

Fitting base model

(bootstrapping

OAXACA QUANT - EXTENDED MODEL

```

*****
>
****
****
>
****
*)

```

Decomposition of differences in distribution using quantile regression

```

Total number of observations      339
Number of observations in group 0  252
Number of observations in group 1   87

Number of quantile regressions estimated      100

```

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .5					
Raw difference	-.039349	.034431	-1.14	0.253	-.106832 .028134
Characteristics	-.064735	.03369	-1.92	0.001	-.130766 .001296
Coefficients	.025386	.018746	1.35	0.176	-.011355 .062127

```

. rqdeco l morate cupa000 full assoc yrsniu yrsniu2 yrsoth yrsoth2 ///
>      quintTOP quint2ND quintMID profship saladj seadj ///
>      salstart RKST_FULL RKST_ASSOC rkyrs ///
>      , by(asian) quantile(.75) vce(boot) reps(100)
Fitting base model
(bootstrapping
****
>
****
****
>
*)

```

Decomposition of differences in distribution using quantile regression

```

Total number of observations      339
Number of observations in group 0  252
Number of observations in group 1   87

Number of quantile regressions estimated      100

```

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .75					
Raw difference	-.028045	.044059	-0.64	0.524	-.1144 .05831
Characteristics	-.032568	.046414	-0.70	0.142	-.123539 .058402
Coefficients	.004523	.0222	0.20	0.839	-.038987 .048034

```

. rqdeco l morate cupa000 full assoc yrsniu yrsniu2 yrsoth yrsoth2 ///
>      quintTOP quint2ND quintMID profship saladj seadj ///
>      salstart RKST_FULL RKST_ASSOC rkyrs ///
>      , by(asian) quantile(.9) vce(boot) reps(100)
Fitting base model

```


OAXACA QUANT - EXTENDED MODEL

(bootstrapping

```

** * * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * **
>
* * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * **
** * * * * * **
>
** * * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * ** * * * * * **
** * * * * * **
> )

```

Decomposition of differences in distribution using quantile regression

```

Total number of observations          339
  Number of observations in group 0    252
  Number of observations in group 1     87

Number of quantile regressions estimated      100

```

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .9					
Raw difference	.067482	.078938	0.85	0.393	-.087233 .222198
Characteristics	-.00782	.057047	-0.14	0.772	-.11963 .10399
Coefficients	.075302	.026951	2.79	0.005	.022479 .128126

```
. clear all
```

```
. * OAXACA DECOMP - WHITE MALES VS. BLACKS (TOO FEW TO RUN PROGRAM)
```

```
. * use C:\Users\TAOVLW1\Desktop\WORKING\DATA\FINAL\FSS2015-16C
```

```
. * keep if whmale==1 | black==1
```

```
. * rqdeco l morate cupa000 full assoc yrsni u yrsni u2 yrsoth yrsoth2 ///
```

```
> qui ntTOP qui nt2ND qui ntMID profshi p sal adj seadj ///
```

```
> , by(black) quantile(.1) vce(boot) reps(100)
```

```
. * rqdeco l morate cupa000 full assoc yrsni u yrsni u2 yrsoth yrsoth2 ///
```

```
> qui ntTOP qui nt2ND qui ntMID profshi p sal adj seadj ///
```

```
> , by(black) quantile(.25) vce(boot) reps(100)
```

```
. * rqdeco l morate cupa000 full assoc yrsni u yrsni u2 yrsoth yrsoth2 ///
```

```
> qui ntTOP qui nt2ND qui ntMID profshi p sal adj seadj ///
```

```
> , by(black) quantile(.5) vce(boot) reps(100)
```

```
. * rqdeco l morate cupa000 full assoc yrsni u yrsni u2 yrsoth yrsoth2 ///
```

```
> qui ntTOP qui nt2ND qui ntMID profshi p sal adj seadj ///
```

```
> , by(black) quantile(.75) vce(boot) reps(100)
```

```
. * rqdeco l morate cupa000 full assoc yrsni u yrsni u2 yrsoth yrsoth2 ///
```

```
> qui ntTOP qui nt2ND qui ntMID profshi p sal adj seadj ///
```

```
> , by(black) quantile(.9) vce(boot) reps(100)
```

```
. * clear all
```

```
. * OAXACA DECOMP - WHITE MALES VS. HISPANICS AND BLACKS
```

```
. * The analysis of HISP alone will not run... Instead, run an analysis of BLACK &
```

```
HISP combined
```

```
> .
```

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

```
6C
```

```
. keep if whmale==1 | hisp==1 | black==1
```

```
(277 observations deleted)
```

OAXACA QUANT - EXTENDED MODEL

. gen blckhi sp=0

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

. rqdeco l morate cupa000 full assoc yrsni u yrsni u2 yrsoth yrsoth2 ///
> quintTOP quint2ND quintMID profship saladj seadj ///
> salstart RKST_FULL RKST_ASSOC rkyrs ///
> , by(blckhi sp) quantile(.1) vce(boot) reps(100)

Fitting base model

(bootstrapping

>

* * * * *
>
* * * * *
* * * * *
>
* * * * *
* * * * *
> .. *****)

Decomposition of differences in distribution using quantile regression

Total number of observations 295
Number of observations in group 0 252
Number of observations in group 1 43

Number of quantile regressions estimated 100

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]	
Quantile .1						
Raw difference	.056874	.016217	3.51	0.000	.025089	.08866
Characteristics	-.065207	.035307	-1.85	0.001	-.134408	.003994
Coefficients	.122081	.019505	6.26	0.000	.083852	.160311

. rqdeco l morate cupa000 full assoc yrsni u yrsni u2 yrsoth yrsoth2 ///
> quintTOP quint2ND quintMID profship saladj seadj ///
> salstart RKST_FULL RKST_ASSOC rkyrs ///
> , by(blckhi sp) quantile(.25) vce(boot) reps(100)

Fitting base model

(bootstrapping

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Decomposition of differences in distribution using quantile regression

Total number of observations 295
Number of observations in group 0 252
Number of observations in group 1 43

Number of quantile regressions estimated 100

OAXACA QUANT - EXTENDED MODEL

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .25					
Raw difference	-.003392	.026112	-0.13	0.897	-.054571 .047788
Characteristics	-.086036	.03331	-2.58	0.000	-.151322 -.02075
Coefficients	.082645	.014214	5.81	0.000	.054785 .110504

```
. rqdeco l morate cupa000 full assoc yrsniu yrsniu2 yrsoth yrsoth2 ///
> quintTOP quint2ND quintMID profship saladj seadj ///
> salstart RKST_FULL RKST_ASSOC rkyrs ///
> , by(blckhisp) quantile(.5) vce(boot) reps(100)
Fitting base model
(bootstrapping
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Decomposition of differences in distribution using quantile regression

Total number of observations	295
Number of observations in group 0	252
Number of observations in group 1	43
Number of quantile regressions estimated	100

The variance has been estimated by bootstrapping the results 100 times

Component	Effects	Std. Err.	t	P> t	[95% Conf. Interval]
Quantile .5					
Raw difference	-.075231	.022545	-3.34	0.001	-.119418 -.031044
Characteristics	-.096944	.040478	-2.39	0.000	-.17628 -.017607
Coefficients	.021712	.019199	1.13	0.258	-.015917 .059341

```
. rqdeco l morate cupa000 full assoc yrsniu yrsniu2 yrsoth yrsoth2 ///
> quintTOP quint2ND quintMID profship saladj seadj ///
> salstart RKST_FULL RKST_ASSOC rkyrs ///
> , by(blckhisp) quantile(.75) vce(boot) reps(100)
Fitting base model
(bootstrapping
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Decomposition of differences in distribution using quantile regression

Total number of observations	295
Number of observations in group 0	252

