

```

clear

/*
> Back to Fan's Stata4Econ or other repositories:
> - http://fanwangecon.github.io
> - http://fanwangecon.github.io/Stata4Econ
> - http://fanwangecon.github.io/R4Econ
> - http://fanwangecon.github.io/M4Econ
> - http://fanwangecon.github.io/CodeDynaAsset/
> - http://fanwangecon.github.io/Math4Econ/
> - http://fanwangecon.github.io/Stat4Econ/
> - http://fanwangecon.github.io/Tex4Econ
>
> Regression with continuous variable and discrete variables, discrete variables could interact with each other, and interact with c
>
> */
. ///--- File Names
> global st_file_root "~\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\"

. global st_log_file "${st_file_root}gen_reg"
. global st_out_html "${st_file_root}tab_6col_cts_dis2inter.html"
. global st_out_rtf "${st_file_root}tab_6col_cts_dis2inter.rtf"
. global st_out_tex "${st_file_root}tab_6col_cts_dis2inter_texbody.tex"

. ///--- Start log
> capture log close

. log using "${st_log_file}" , replace
(note: file C:\Users\fan\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\gen_reg.smcl not found)

```

```

name: <unnamed>
log: C:\Users\fan\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\gen_reg.smcl
log type: smcl
opened on: 24 Aug 2019, 20:56:27

```

```

. log on
(log already on)

```

```

. set trace off
. set tracedepth 1

```

```

. ///-----
> ///--- Load Data
> ///-----
. set more off

```

```

. sysuse bplong, clear
(fictional blood-pressure data)

```

```

. tab sex

```

Sex	Freq.	Percent	Cum.
Male	120	50.00	50.00
Female	120	50.00	100.00
Total	240	100.00	

```

. tab agegrp

```

Age Group	Freq.	Percent	Cum.
30-45	80	33.33	33.33
46-59	80	33.33	66.67
60+	80	33.33	100.00
Total	240	100.00	

```

. tab when

```

Status	Freq.	Percent	Cum.
Before	120	50.00	50.00
After	120	50.00	100.00
Total	240	100.00	

```

. tab sex when

```

Sex	Status		Total
	Before	After	
Male	60	60	120
Female	60	60	120
Total	120	120	240

```

. tab sex agegrp

```

Sex	Age Group			Total
	30-45	46-59	60+	
Male	40	40	40	120
Female	40	40	40	120
Total	80	80	80	240

```

. egen sex_when = group(sex when), label
. egen sex_agegrp = group(sex agegrp), label
. egen when_agegrp = group(when agegrp), label
.
. //----- A1. Define Regression Variables
> //----- A1. Define Regression Variables
> //----- A1. Define Regression Variables
>
.     * shared regression outcome lhs variable
.     global svr_outcome "bp"
.
.     * for each panel, rhs variables differ
.     global svr_rhs_panel_a "patient agegrp sex"
.
.     global svr_rhs_panel_b "patient ibl.agegrp ibl.sex_when"
.
.     global svr_rhs_panel_c "sex i.sex#c.patient io(1 3).sex_when io(1 4).sex_agegrp"
.
.     * for each column, conditioning differs
.     global it_reg_n = 6
.
.     global sif_col_1 "bp <= 185"
.     global sif_col_2 "bp <= 180"
.     global sif_col_3 "bp <= 175"
.     global sif_col_4 "bp <= 170"
.     global sif_col_5 "bp <= 165"
.     global sif_col_6 "bp <= 160"
.
.     * esttd strings for conditioning what were included
.     scalar it_esttd_n = 4
.
.     matrix mt_bl_estd = J(it_esttd_n, $it_reg_n, 0)
.
.     matrix rownames mt_bl_estd = bpge185 bpge180 bpge170 bpge160
.
.     matrix colnames mt_bl_estd = reg1 reg2 reg3 reg4 reg5 reg6
.
.     matrix mt_bl_estd[1, 1] = (1\1\1\1)
.     matrix mt_bl_estd[1, 2] = (0\1\1\1)
.     matrix mt_bl_estd[1, 3] = (0\0\1\1)
.     matrix mt_bl_estd[1, 4] = (0\0\1\1)
.     matrix mt_bl_estd[1, 5] = (0\0\0\1)
.     matrix mt_bl_estd[1, 6] = (0\0\0\1)
.
.     global st_estd_rownames : rownames mt_bl_estd
.
.     global slb_estd_1 "blood pressure >= 185"
.     global slb_estd_2 "blood pressure >= 180"
.     global slb_estd_3 "blood pressure >= 170"
.     global slb_estd_4 "blood pressure >= 160"
.
. //----- A2. Define Regression Technical Strings
> //----- A2. Define Regression Technical Strings
> //----- A2. Define Regression Technical Strings
>
. //----- Technical Controls
>     global stc_regc "regress"
.
.     global stc_opts ", vce(robust)"
.
. //----- B1. Define Regressions Panel A
> //----- B1. Define Regressions Panel A
> //----- B1. Define Regressions Panel A
>
.     /*
>         di "$srg_panel_a_col_1"
>         di "$srg_panel_a_col_2"
>         di "$srg_panel_a_col_6"
.     */
.     foreach it_regre of numlist 1(1)$it_reg_n {
2.         #delimit;
delimiter now ;
.         global srg_panel_a_col_`it_regre' "
>             $stc_regc $svr_outcome $svr_rhs_panel_a if ${sif_col_`it_regre'} $stc_opts
>             ";
3.         #delimit cr
delimiter now cr
.         di "${srg_panel_a_col_`it_regre'}"
4.     }
.         regress bp patient agegrp sex if bp <= 185 , vce(robust)
.         regress bp patient agegrp sex if bp <= 180 , vce(robust)
.         regress bp patient agegrp sex if bp <= 175 , vce(robust)
.         regress bp patient agegrp sex if bp <= 170 , vce(robust)
.         regress bp patient agegrp sex if bp <= 165 , vce(robust)
.         regress bp patient agegrp sex if bp <= 160 , vce(robust)

```

```

. //----- B2. Define Regressions Panel B
. //----- B3. Define Regressions Panel C
. //----- C. Run Regressions

. eststo clear
. local it_reg_ctr = 0
. foreach st_panel in panel_a panel_b panel_c {
. 2. global st_cur_sm_stor "smd `st_panel' _m"
. 3. global `${st_cur_sm_stor}' ""
. 4. foreach it_regre of numlist 1(1)$it_reg_n {
. 5. local it_reg_ctr = `it_reg_ctr' + 1
. 6. global st_cur_srg_name "srg_`st_panel'_col_`it_regre'"
. 7. di "st_panel:`st_panel', it_reg_ctr:`it_reg_ctr', st_cur_srg_name:${st_cur_srg_name}"
. 8. ///--- Regression
. 9. eststo m`it_reg_ctr', title("${sif_col_`it_regre'}") : `${st_cur_srg_name}
. 10. ///--- Estadd Controls
. 11. foreach st_estd_name in $st_estd_rownames {
. 12. scalar bl_estad = el(mt_bl_estd, rownumb(mt_bl_estd, "`st_estd_name'"), `it_regre')
. 13. if (bl_estad) {
. 14. estadd local `st_estd_name' "Yes"
. 15. }
. 16. else {
. 17. estadd local `st_estd_name' "No"
. 18. }
. 19. ///--- Track Regression Store
. 20. global $st_cur_sm_stor "${st_cur_sm_stor} m`it_reg_ctr'"
. 21. di "${st_cur_sm_stor}"
. }
st_panel:panel_a, it_reg_ctr:1, st_cur_srg_name:srg_panel_a_col_1

```

```

Linear regression          Number of obs   =          240
                          F(3, 236)         =          29.46
                          Prob > F           =          0.0000
                          R-squared          =          0.2341
                          Root MSE       =          11.523

```

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	.1283835	.1265363	1.01	0.311	-.1209015	.3776684
agegrp	3.819831	2.716641	1.41	0.161	-1.532133	9.171795
sex	-14.67801	7.915927	-1.85	0.065	-30.27291	.9168972
_cons	145.8363	2.621823	55.62	0.000	140.6711	151.0015

added macro:
e(bpge185) : **"Yes"**

added macro:
e(bpge180) : **"Yes"**

added macro:
e(bpge170) : **"Yes"**

added macro:
e(bpge160) : **"Yes"**
st_panel:panel_a, it_reg_ctr:2, st_cur_srg_name:srg_panel_a_col_2

Linear regression

Number of obs	=	232
F(3, 228)	=	25.68
Prob > F	=	0.0000
R-squared	=	0.2204
Root MSE	=	10.669

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	.0443562	.1187762	0.37	0.709	-.1896832	.2783957
agegrp	4.860528	2.603464	1.87	0.063	-.2693982	9.990454
sex	-8.792707	7.457118	-1.18	0.240	-23.48639	5.900971
_cons	145.006	2.549299	56.88	0.000	139.9828	150.0292

added macro:
e(bpge185) : **"No"**

added macro:
e(bpge180) : **"Yes"**

added macro:
e(bpge170) : **"Yes"**

added macro:
e(bpge160) : **"Yes"**
st_panel:panel_a, it_reg_ctr:3, st_cur_srg_name:srg_panel_a_col_3

Linear regression

Number of obs	=	227
F(3, 223)	=	23.71
Prob > F	=	0.0000
R-squared	=	0.2136
Root MSE	=	10.319

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	.0376248	.1141743	0.33	0.742	-.1873739	.2626235
agegrp	4.637565	2.470437	1.88	0.062	-.230824	9.505954
sex	-8.249339	7.155532	-1.15	0.250	-22.35045	5.851773
_cons	145.127	2.430705	59.71	0.000	140.3369	149.9171

added macro:
e(bpge185) : **"No"**

added macro:
e(bpge180) : **"No"**

added macro:
e(bpge170) : **"Yes"**

added macro:
e(bpge160) : **"Yes"**
st_panel:panel_a, it_reg_ctr:4, st_cur_srg_name:srg_panel_a_col_4

Linear regression

Number of obs	=	212
F(3, 208)	=	15.47
Prob > F	=	0.0000
R-squared	=	0.1570
Root MSE	=	9.6702

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	-.0636388	.1104288	-0.58	0.565	-.281342	.1540644
agegrp	5.689328	2.402404	2.37	0.019	.9531463	10.42551
sex	-.4410331	6.899728	-0.06	0.949	-14.0434	13.16133
_cons	143.997	2.337141	61.61	0.000	139.3895	148.6046

added macro:
e(bpge185) : **"No"**

added macro:
e(bpge180) : **"No"**

added macro:
e(bpge170) : **"Yes"**

added macro:
e(bpge160) : **"Yes"**
st_panel:panel_a, it_reg_ctr:5, st_cur_srg_name:srg_panel_a_col_5

Linear regression

Number of obs	=	193
F(3, 189)	=	18.37
Prob > F	=	0.0000
R-squared	=	0.1800
Root MSE	=	8.4916

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	.0197636	.0989497	0.20	0.842	-.175424	.2149512
agegrp	3.851744	2.13548	1.80	0.073	-.3606928	8.064181
sex	-5.500256	6.273604	-0.88	0.382	-17.87554	6.875024
_cons	143.5645	2.170374	66.15	0.000	139.2832	147.8457

added macro:
e(bpge185) : "No"

added macro:
e(bpge180) : "No"

added macro:
e(bpge170) : "No"

added macro:
e(bpge160) : "Yes"
st_panel:panel_a, it_reg_ctr:6, st_cur_srg_name:srg_panel_a_col_6

Linear regression

Number of obs	=	167
F(3, 163)	=	11.97
Prob > F	=	0.0000
R-squared	=	0.1424
Root MSE	=	7.5963

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	-0.099078	.0945698	-1.05	0.296	-.2858178	.0876619
agegrp	5.334598	2.036963	2.62	0.010	1.312361	9.356835
sex	2.744672	6.0583	0.45	0.651	-9.218196	14.70754
_cons	141.6706	2.032228	69.71	0.000	137.6578	145.6835

added macro:
e(bpge185) : "No"

added macro:
e(bpge180) : "No"

added macro:
e(bpge170) : "No"

added macro:
e(bpge160) : "Yes"
m1 m2 m3 m4 m5 m6
st_panel:panel_b, it_reg_ctr:7, st_cur_srg_name:srg_panel_b_col_1

Linear regression

Number of obs	=	240
F(6, 233)	=	19.17
Prob > F	=	0.0000
R-squared	=	0.2775
Root MSE	=	11.263

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	.1283835	.1254616	1.02	0.307	-.1188006	.3755675
agegrp						
46-59	2.369831	3.092823	0.77	0.444	-3.723641	8.463303
60+	7.639662	5.385333	1.42	0.157	-2.970509	18.24983
sex_when						
Male After	-3.75	2.237523	-1.68	0.095	-8.158362	.6583621
Female Before	-13.33634	7.944989	-1.68	0.095	-28.98954	2.316857
Female After	-19.76967	8.048691	-2.46	0.015	-35.62719	-3.912162
_cons	152.0145	1.89543	80.20	0.000	148.2801	155.7488

added macro:
e(bpge185) : "Yes"

added macro:
e(bpge180) : "Yes"

added macro:
e(bpge170) : "Yes"

added macro:
e(bpge160) : "Yes"
st_panel:panel_b, it_reg_ctr:8, st_cur_srg_name:srg_panel_b_col_2

Linear regression

Number of obs	=	232
F(6, 225)	=	17.84
Prob > F	=	0.0000
R-squared	=	0.2754
Root MSE	=	10.353

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	.0488736	.1189291	0.41	0.682	-.1854838	.283231
agegrp						
46-59	2.489842	2.969982	0.84	0.403	-3.362696	8.34238
60+	9.591768	5.176854	1.85	0.065	-.6095508	19.79309
sex_when						
Male After	-4.705451	2.064546	-2.28	0.024	-8.773769	-.6371323
Female Before	-8.464161	7.556119	-1.12	0.264	-23.35397	6.42565
Female After	-14.08438	7.581854	-1.86	0.065	-29.02491	.8561414
_cons	152.8341	1.818088	84.06	0.000	149.2515	156.4168

added macro:
e(bpge185) : "No"

added macro:
e(bpge180) : "Yes"

added macro:
e(bpge170) : "Yes"

added macro:
 e(bpge160) : "Yes"
 st_panel:panel_b, it_reg_ctr:9, st_cur_srg_name:srg_panel_b_col_3

Linear regression

Number of obs	=	227
F(6, 220)	=	16.93
Prob > F	=	0.0000
R-squared	=	0.2752
Root MSE	=	9.9739

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	.0443337	.113822	0.39	0.697	-.1799873	.2686548
agegrp						
46-59	2.863852	2.856052	1.00	0.317	-2.764872	8.492575
60+	8.970336	4.89479	1.83	0.068	-.6763434	18.61702
sex when						
Male After	-4.340435	2.031306	-2.14	0.034	-8.343744	-.3371256
Female Before	-7.548927	7.221034	-1.05	0.297	-21.78018	6.682327
Female After	-13.99219	7.159061	-1.95	0.052	-28.10131	.1169256
_cons	152.3897	1.751942	86.98	0.000	148.937	155.8425

added macro:
 e(bpge185) : "No"

added macro:
 e(bpge180) : "No"

added macro:
 e(bpge170) : "Yes"

added macro:
 e(bpge160) : "Yes"
 st_panel:panel_b, it_reg_ctr:10, st_cur_srg_name:srg_panel_b_col_4

Linear regression

Number of obs	=	212
F(6, 205)	=	11.74
Prob > F	=	0.0000
R-squared	=	0.2293
Root MSE	=	9.3135

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	-.0636163	.1081563	-0.59	0.557	-.2768576	.149625
agegrp						
46-59	4.075106	2.78751	1.46	0.145	-1.420759	9.570972
60+	11.57384	4.70238	2.46	0.015	2.302606	20.84507
sex when						
Male After	-3.654775	1.940851	-1.88	0.061	-7.481364	.1718133
Female Before	.9703752	6.916485	0.14	0.889	-12.66619	14.60694
Female After	-5.585448	6.87107	-0.81	0.417	-19.13247	7.961579
_cons	152.059	1.560265	97.46	0.000	148.9828	155.1353

added macro:
 e(bpge185) : "No"

added macro:
 e(bpge180) : "No"

added macro:
 e(bpge170) : "Yes"

added macro:
 e(bpge160) : "Yes"
 st_panel:panel_b, it_reg_ctr:11, st_cur_srg_name:srg_panel_b_col_5

Linear regression

Number of obs	=	193
F(6, 186)	=	15.07
Prob > F	=	0.0000
R-squared	=	0.2713
Root MSE	=	8.0691

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	.0266643	.0959941	0.28	0.781	-.1627128	.2160413
agegrp						
46-59	2.131048	2.538799	0.84	0.402	-2.877495	7.139591
60+	7.735226	4.166571	1.86	0.065	-.4845867	15.95504
sex when						
Male After	-4.644686	1.88693	-2.46	0.015	-8.367222	-.9221497
Female Before	-5.203548	6.19998	-0.84	0.402	-17.43487	7.027774
Female After	-11.1575	6.200109	-1.80	0.074	-23.38907	1.074078
_cons	150.1617	1.413083	106.27	0.000	147.3739	152.9494

added macro:
 e(bpge185) : "No"

added macro:
 e(bpge180) : "No"

added macro:
 e(bpge170) : "No"

added macro:
 e(bpge160) : "Yes"
 st_panel:panel_b, it_reg_ctr:12, st_cur_srg_name:srg_panel_b_col_6

Linear regression
 Number of obs = 167
 F(6, 160) = 10.35
 Prob > F = 0.0000
 R-squared = 0.2285
 Root MSE = 7.2721

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
patient	-0.0865983	.0939116	-0.92	0.358	-.2720644	.0988678
agegrp						
46-59	4.713949	2.484014	1.90	0.060	-.1917344	9.619632
60+	10.44617	4.037944	2.59	0.011	2.47163	18.42071
sex when						
Male After	-4.954486	1.846948	-2.68	0.008	-8.602027	-1.306946
Female Before	1.95277	6.086056	0.32	0.749	-10.06659	13.97213
Female After	-2.647568	6.073748	-0.44	0.663	-14.64262	9.347486
_cons	149.505	1.223094	122.24	0.000	147.0895	151.9205

added macro:
 e(bpge185) : "No"

added macro:
 e(bpge180) : "No"

added macro:
 e(bpge170) : "No"

added macro:
 e(bpge160) : "Yes"

m7 m8 m9 m10 m11 m12
 st_panel:panel_c, it_reg_ctr:13, st_cur_srg_name:srg_panel_c_col_1

Linear regression
 Number of obs = 240
 F(9, 230) = 12.98
 Prob > F = 0.0000
 R-squared = 0.2881
 Root MSE = 11.253

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
sex	-8.571303	12.05345	-0.71	0.478	-32.3206	15.17799
sex#c.patient						
Male	.1492481	.1866925	0.80	0.425	-.2185981	.5170943
Female	.1075188	.1687942	0.64	0.525	-.2250617	.4400993
sex when						
Male After	-3.75	2.238078	-1.68	0.095	-8.159756	.6597557
Female Before	0	(omitted)				
Female After	-6.433333	1.852855	-3.47	0.001	-10.08407	-2.782595
sex_agegrp						
Male 46-59	5.215038	4.661824	1.12	0.264	-3.970302	14.40038
Male 60+	8.155075	7.820317	1.04	0.298	-7.253545	23.5637
Female 30-45	0	(omitted)				
Female 46-59	-.4753759	4.143604	-0.11	0.909	-8.63965	7.688898
Female 60+	7.124248	7.400961	0.96	0.337	-7.4581	21.7066
_cons	150.2579	2.604888	57.68	0.000	145.1254	155.3904

added macro:
 e(bpge185) : "Yes"

added macro:
 e(bpge180) : "Yes"

added macro:
 e(bpge170) : "Yes"

added macro:
 e(bpge160) : "Yes"

st_panel:panel_c, it_reg_ctr:14, st_cur_srg_name:srg_panel_c_col_2

Linear regression
 Number of obs = 232
 F(9, 222) = 12.02
 Prob > F = 0.0000
 R-squared = 0.2797
 Root MSE = 10.392

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
sex	-5.937954	11.53215	-0.51	0.607	-28.66444	16.78853
sex#c.patient						
Male	.0558504	.1776034	0.31	0.753	-.2941539	.4058548
Female	.0437041	.1605381	0.27	0.786	-.2726696	.3600777
sex when						
Male After	-4.695194	2.069845	-2.27	0.024	-8.774253	-.6161339
Female Before	0	(omitted)				
Female After	-5.608697	1.784171	-3.14	0.002	-9.124777	-2.092617
sex_agegrp						
Male 46-59	4.227835	4.417901	0.96	0.340	-4.478555	12.93422
Male 60+	10.67052	7.483444	1.43	0.155	-4.07716	25.4182
Female 30-45	0	(omitted)				
Female 46-59	.800919	4.033334	0.20	0.843	-7.147603	8.749441
Female 60+	8.439884	7.197839	1.17	0.242	-5.744951	22.62472
_cons	151.7112	2.526694	60.04	0.000	146.7318	156.6905

added macro:
 e(bpge185) : "No"

added macro:
e(bpge180) : "Yes"

added macro:
e(bpge170) : "Yes"

added macro:
e(bpge160) : "Yes"
st_panel:panel_c, it_reg_ctr:15, st_cur_srg_name:srg_panel_c_col_3

Linear regression

Number of obs	=	227
F(9, 217)	=	11.82
Prob > F	=	0.0000
R-squared	=	0.2827
Root MSE	=	9.9906

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
sex	-8.168942	10.85991	-0.75	0.453	-29.57334	13.23546
sex#c.patient						
Male	.0029094	.1720731	0.02	0.987	-.3362392	.3420579
Female	.0849958	.1503465	0.57	0.572	-.2113305	.3813222
sex_when						
Male After	-4.293732	2.029225	-2.12	0.035	-8.293247	-.2942175
Female Before	0	(omitted)				
Female After	-6.454482	1.710256	-3.77	0.000	-9.825322	-3.083641
sex_agegrp						
Male 46-59	5.88282	4.233308	1.39	0.166	-2.460844	14.22649
Male 60+	12.56591	7.155822	1.76	0.080	-1.537904	26.66972
Female 30-45	0	(omitted)				
Female 46-59	-.0249167	3.86012	-0.01	0.995	-7.633045	7.583212
Female 60+	5.448499	6.633877	0.82	0.412	-7.626582	18.52358
_cons	151.454	2.487916	60.88	0.000	146.5504	156.3575

added macro:
e(bpge185) : "No"

added macro:
e(bpge180) : "No"

added macro:
e(bpge170) : "Yes"

added macro:
e(bpge160) : "Yes"
st_panel:panel_c, it_reg_ctr:16, st_cur_srg_name:srg_panel_c_col_4

Linear regression

Number of obs	=	212
F(9, 202)	=	8.80
Prob > F	=	0.0000
R-squared	=	0.2373
Root MSE	=	9.3337

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
sex	-6.922219	10.38374	-0.67	0.506	-27.39664	13.5522
sex#c.patient						
Male	-.1859594	.1620238	-1.15	0.252	-.5054344	.1335155
Female	.0533374	.1449934	0.37	0.713	-.2325573	.3392321
sex_when						
Male After	-3.664238	1.954294	-1.87	0.062	-7.517671	.1891952
Female Before	0	(omitted)				
Female After	-6.566082	1.676381	-3.92	0.000	-9.871531	-3.260633
sex_agegrp						
Male 46-59	7.694627	4.121967	1.87	0.063	-.4329742	15.82223
Male 60+	17.87028	6.702235	2.67	0.008	4.65497	31.0856
Female 30-45	0	(omitted)				
Female 46-59	.6082517	3.780976	0.16	0.872	-6.846992	8.063495
Female 60+	5.623171	6.514702	0.86	0.389	-7.222371	18.46871
_cons	152.495	2.186225	69.75	0.000	148.1842	156.8057

added macro:
e(bpge185) : "No"

added macro:
e(bpge180) : "No"

added macro:
e(bpge170) : "Yes"

added macro:
e(bpge160) : "Yes"
st_panel:panel_c, it_reg_ctr:17, st_cur_srg_name:srg_panel_c_col_5

Linear regression

Number of obs	=	193
F(9, 183)	=	10.30
Prob > F	=	0.0000
R-squared	=	0.2749
Root MSE	=	8.1151

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
sex	-8.186241	8.944958	-0.92	0.361	-25.83475	9.462267
sex#c.patient						
Male	-.0211483	.1489393	-0.14	0.887	-.3150073	.2727106
Female	.0789177	.1237175	0.64	0.524	-.1651785	.3230139
sex_when						
Male After	-4.593701	1.923501	-2.39	0.018	-8.388791	-.7986101

Female Before	0 (omitted)					
Female After	-5.935794	1.439471	-4.12	0.000	-8.775887	-3.095701
sex_agegrp						
Male 46-59	4.17186	3.982507	1.05	0.296	-3.685673	12.02939
Male 60+	10.48182	6.338151	1.65	0.100	-2.023428	22.98707
Female 30-45	0 (omitted)					
Female 46-59	.0525301	3.197214	0.02	0.987	-6.255611	6.360671
Female 60+	4.841583	5.381491	0.90	0.369	-5.776164	15.45933
_cons	150.0508	1.934106	77.58	0.000	146.2348	153.8668

added macro:
e(bpge185) : "No"

added macro:
e(bpge180) : "No"

added macro:
e(bpge170) : "No"

added macro:
e(bpge160) : "Yes"
st_panel:panel_c, it_reg_ctr:18, st_cur_srg_name:srg_panel_c_col_6

Linear regression

Number of obs	=	167
F(9, 157)	=	7.65
Prob > F	=	0.0000
R-squared	=	0.2418
Root MSE	=	7.2777

bp	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]
sex	-2.431326	8.354159	-0.29	0.771	-18.93237 14.06972
sex#c.patient					
Male	-.1717534	.1532649	-1.12	0.264	-.4744806 .1309739
Female	-.0085616	.1148928	-0.07	0.941	-.2354967 .2183734
sex when					
Male After	-4.859105	1.864118	-2.61	0.010	-8.54109 -1.177119
Female Before	0 (omitted)				
Female After	-4.545929	1.359704	-3.34	0.001	-7.231602 -1.860255
sex_agegrp					
Male 46-59	8.327497	3.979013	2.09	0.038	.4681941 16.1868
Male 60+	15.34781	6.332952	2.42	0.017	2.839032 27.85659
Female 30-45	0 (omitted)				
Female 46-59	1.526448	3.081686	0.50	0.621	-4.560465 7.613362
Female 60+	6.065932	4.968136	1.22	0.224	-3.747077 15.87894
_cons	149.2919	1.786704	83.56	0.000	145.7629 152.821

added macro:
e(bpge185) : "No"

added macro:
e(bpge180) : "No"

added macro:
e(bpge170) : "No"

added macro:
e(bpge160) : "Yes"
m13 m14 m15 m16 m17 m18

. di "\$smd_panel_a_m"
m1 m2 m3 m4 m5 m6

. di "\$smd_panel_b_m"
m7 m8 m9 m10 m11 m12

. di "\$smd_panel_c_m"
m13 m14 m15 m16 m17 m18

. //////////////////////////////////////
> ///--- D1. Labeling
> //////////////////////////////////////
>

. ///--- Title overall
> global slb_title "Outcome: Blood Pressure"

. global slb_title_inner "\textbf{Categories}: Discrete Categories and BP"

. global slb_label_tex "tab:scminter"

. ///--- Several RHS Continuous Variables
> global slb_panel_a "Panel A: Continuous Right Hand Side Variables"

. ///--- Continuous Variables + Several Discrete Variables
> global slb_panel_b "Panel B: Two Discrete Right Hand Side Variables"

. global slb_panel_b_ga "Age Groups (Compare to 30-45)"

. global slb_panel_b_gb "Gender/Time Groups (Compare to Female Before)"

```

. ///--- Continuous Variables + Several Discrete Variables Interated with More Discrete Variables
> global slb_panel_c "Panel C: Two Discrete Interacted Variables"

. global slb_panel_c_sa "Male Dummy Interactions:"
. global slb_panel_c_sb "Female Dummy Interactions:"
. global slb_panel_c_sa_ga "Time Groups (Compare to Before)"
. global slb_panel_c_sa_gb "Age Groups (Compare to 30-45)"
. global slb_panel_c_sb_ga "Time Groups (Compare to Before)"
. global slb_panel_c_sb_gb "Age Groups (Compare to 30-45)"

. ///--- Notes
> global slb_bottom "Controls for each panel:"
. global slb_note "${slb_starLvl}. Robust standard errors. Each column is a spearate regression."

. ///--- Show which coefficients to keep
> #delimit;
delimiter now ;
. global svr_coef_keep_panel_a "
> agegrp sex patient
> ";

. global svr_coef_keep_panel_b "
> patient
> 2.agegrp 3.agegrp
> 2.sex_when 3.sex_when 4.sex_when
> ";

. global svr_coef_keep_panel_c "
>
> sex
>
> 0.sex#c.patient
> 2.sex_when
> 2.sex_agegrp 3.sex_agegrp
>
> 1.sex#c.patient
> 4.sex_when
> 5.sex_agegrp 6.sex_agegrp
> ";

. #delimit cr
delimiter now cr
. ///--- Labeling for for Coefficients to Show
> global slb_title_spc "\vspace*{-5mm}\hspace*{-8mm}"

. global slb_dis_tlt_spc "\vspace*{-5mm}\hspace*{-8mm}"
. global slb_dis_ele_spc "\vspace*{0mm}\hspace*{5mm}"
. global slb_1st_ele_spc "\vspace*{0mm}\hspace*{5mm}"
. global slb_fot_1st_spc "\vspace*{0mm}\hspace*{2mm}"

. #delimit;
delimiter now ;
. global svr_starts_var_panel_a "agegrp";

. global slb_coef_label_panel_a "
> agegrp "${slb_1st_ele_spc}age group"
> sex "${slb_1st_ele_spc}sex variable"
> patient "${slb_1st_ele_spc}patient ID"
> ";

. #delimit cr
delimiter now cr
. #delimit;
delimiter now ;
. global svr_starts_var_panel_b "patient";

. global svr_starts_var_panel_b_ga "2.agegrp";
. global svr_starts_var_panel_b_gb "2.sex_when";

. global slb_coef_label_panel_b "
> patient "${slb_1st_ele_spc}patient ID"
> 2.agegrp "${slb_dis_ele_spc} x (46-59 yrs)"
> 3.agegrp "${slb_dis_ele_spc} x (>60 years)"
> 2.sex_when "${slb_dis_ele_spc} x male after"
> 3.sex_when "${slb_dis_ele_spc} x female before"
> 4.sex_when "${slb_dis_ele_spc} x female after"
> ";

. #delimit cr
delimiter now cr
. #delimit;
delimiter now ;
. global svr_starts_var_panel_c "sex";

. global svr_starts_var_panel_c_sa "0.sex#c.patient";
. global svr_starts_var_panel_c_sa_ga "2.sex_when";

```

```

global svr_starts_var_panel_c_sa_gb "2.sex_agegrp";
.
global svr_starts_var_panel_c_sb "1.sex#c.patient";
.
global svr_starts_var_panel_c_sb_ga "4.sex_when";
.
global svr_starts_var_panel_c_sb_gb "5.sex_agegrp";
.
global slb_coef_label_panel_c "
>
> sex "${slb_1st_ele_spc}male dummy"
>
> 0.sex#c.patient "${slb_dis_ele_spc} male x patient ID"
> 2.sex_when "${slb_dis_ele_spc} x male x after"
> 2.sex_agegrp "${slb_dis_ele_spc} x male x (46-59 yrs)"
> 3.sex_agegrp "${slb_dis_ele_spc} x male x (>60 years)"
>
> 1.sex#c.patient "${slb_dis_ele_spc} male x patient ID"
> 4.sex_when "${slb_dis_ele_spc} x male x after"
> 5.sex_agegrp "${slb_dis_ele_spc} x female x (46-59 yrs)"
> 6.sex_agegrp "${slb_dis_ele_spc} x female x (>60 years)"
>
> ";
.
#delimit cr
delimiter now cr
.
//////////
> ///--- D2. Regression Display Controls
> //////////
.
global slb_reg_stats "N ${st_estd_rownames}"
.
global slb_starLvl "* 0.10 ** 0.05 *** 0.01"
.
global slb_starComm "nostar"
.
global slb_sd_tex `se(fmt(a2) par("\vspace*{-2mm}{\footnotesize (" ") }"))''
.
global slb_cells_tex `cells(b(star fmt(a2)) $slb_sd_tex)''
.
global slb_esttab_opt_tex "${slb_cells_tex} booktabs label collabels(none) nomtitles nonumbers star(${slb_starLvl})"
.
global slb_sd_txt `se(fmt(a2) par("(" " ")"))''
.
global slb_cells_txt `cells(b(star fmt(a2)) $slb_sd_txt)''
.
global slb_esttab_opt_txt "${slb_cells_txt} stats(${slb_reg_stats}) collabels(none) mtitle nonumbers varwidth(30) modelwidth(15)
.
#delimit ;
delimiter now ;
.
global slb_panel_a main "
> title("${slb_panel_a}")
> keep(${svr_coef_keep_panel_a}) order(${svr_coef_keep_panel_a})
> coeflabels(${slb_coef_label_panel_a})
> ";
.
global slb_panel_b main "
> title("${slb_panel_b}")
> keep(${svr_coef_keep_panel_b}) order(${svr_coef_keep_panel_b})
> coeflabels(${slb_coef_label_panel_b})
> ";
.
global slb_panel_c main "
> title("${slb_panel_c}")
> keep(${svr_coef_keep_panel_c}) order(${svr_coef_keep_panel_c})
> coeflabels(${slb_coef_label_panel_c})
> ";
.
#delimit cr
delimiter now cr
.
//////////
> ///--- E. Regression Shows
> //////////
.
esttab ${smd_panel_a_m}, ${slb_panel_a_main} ${slb_esttab_opt_txt}

```

Panel A: Continuous Right Hand Side Variables

	bp <= 185	bp <= 180	bp <= 175	bp <= 170	bp <= 165	bp <=
\backslash space*{0mm} \hspace*{5mm} ag~r	3.82 (2.72)	4.86* (2.60)	4.64* (2.47)	5.69** (2.40)	3.85* (2.14)	5 (2.
\backslash space*{0mm} \hspace*{5mm} se~a	-14.7* (7.92)	-8.79 (7.46)	-8.25 (7.16)	-0.44 (6.90)	-5.50 (6.27)	2 (6.
\backslash space*{0mm} \hspace*{5mm} pa~n	0.13 (0.13)	0.044 (0.12)	0.038 (0.11)	-0.064 (0.11)	0.020 (0.099)	-0. (0.0
N	240	232	227	212	193	
bpge185	Yes	No	No	No	No	
bpge180	Yes	Yes	No	No	No	
bpge170	Yes	Yes	Yes	Yes	No	
bpge160	Yes	Yes	Yes	Yes	Yes	

* 0.10 ** 0.05 *** 0.01. Robust standard errors. Each column is a spearate regression.

```

esttab ${smd_panel_b_m}, ${slb_panel_b_main} ${slb_esttab_opt_txt}

```

Panel B: Two Discrete Right Hand Side Variables

	bp <= 185	bp <= 180	bp <= 175	bp <= 170	bp <= 165	bp <=
\backslash space*{0mm} \hspace*{5mm} pa~n	0.13 (0.13)	0.049 (0.12)	0.044 (0.11)	-0.064 (0.11)	0.027 (0.096)	-0. (0.0
\backslash space*{0mm} \hspace*{5mm} ~46	2.37 (3.09)	2.49 (2.97)	2.86 (2.86)	4.08 (2.79)	2.13 (2.54)	4 (2.
\backslash space*{0mm} \hspace*{5mm} x~6	7.64 (5.39)	9.59* (5.18)	8.97* (4.89)	11.6** (4.70)	7.74* (4.17)	1 (4.
\backslash space*{0mm} \hspace*{5mm} x~1	-3.75* (2.24)	-4.71** (2.06)	-4.34** (2.03)	-3.65* (1.94)	-4.64** (1.89)	-4 (1.
\backslash space*{0mm} \hspace*{5mm} x~m	-13.3*	-8.46	-7.55	0.97	-5.20	1

N	240	232	227	212	193
bpge185	Yes	No	No	No	No
bpge180	Yes	Yes	No	No	No
bpge170	Yes	Yes	Yes	Yes	No
bpge160	Yes	Yes	Yes	Yes	Yes

* 0.10 ** 0.05 *** 0.01. Robust standard errors. Each column is a separate regression.

```
. esttab ${smd_panel_c_m}, ${slb_panel_c_main} ${slb_esttab_opt_txt}
```

Panel C: Two Discrete Interacted Variables

	bp <= 185	bp <= 180	bp <= 175	bp <= 170	bp <= 165	bp <= 160
\vspace*{0mm}\hspace*{5mm}ma~d	-8.57 (12.1)	-5.94 (11.5)	-8.17 (10.9)	-6.92 (10.4)	-8.19 (8.94)	-2 (8.94)
\vspace*{0mm}\hspace*{5mm} m~	0.15 (0.19)	0.056 (0.18)	0.0029 (0.17)	-0.19 (0.16)	-0.021 (0.15)	-0 (0.15)
\vspace*{0mm}\hspace*{5mm} x~1	-3.75* (2.24)	-4.70** (2.07)	-4.29** (2.03)	-3.66* (1.95)	-4.59** (1.92)	-4 (1.92)
\vspace*{0mm}\hspace*{5mm} x~1	5.22 (4.66)	4.23 (4.42)	5.88 (4.23)	7.69* (4.12)	4.17 (3.98)	8 (3.98)
\vspace*{0mm}\hspace*{5mm} x~1	8.16 (7.82)	10.7 (7.48)	12.6* (7.16)	17.9*** (6.70)	10.5* (6.34)	1 (6.34)
\vspace*{0mm}\hspace*{5mm} m~	0.11 (0.17)	0.044 (0.16)	0.085 (0.15)	0.053 (0.14)	0.079 (0.12)	-0.0 (0.12)
\vspace*{0mm}\hspace*{5mm} x~1	-6.43*** (1.85)	-5.61*** (1.78)	-6.45*** (1.71)	-6.57*** (1.68)	-5.94*** (1.44)	-4 (1.44)
\vspace*{0mm}\hspace*{5mm} x~m	-0.48 (4.14)	0.80 (4.03)	-0.025 (3.86)	0.61 (3.78)	0.053 (3.20)	1 (3.20)
\vspace*{0mm}\hspace*{5mm} x~m	7.12 (7.40)	8.44 (7.20)	5.45 (6.63)	5.62 (6.51)	4.84 (5.38)	6 (5.38)
N	240	232	227	212	193	
bpge185	Yes	No	No	No	No	
bpge180	Yes	Yes	No	No	No	
bpge170	Yes	Yes	Yes	Yes	No	
bpge160	Yes	Yes	Yes	Yes	Yes	

* 0.10 ** 0.05 *** 0.01. Robust standard errors. Each column is a separate regression.

```
. //////////////////////////////////////
> ///--- F1. Define Latex Column Groups and Column Sub-Groups
> //////////////////////////////////////
>
> ///--- Column Groups
> global it_max_col = 8
>
> global it_min_col = 2
>
> global it_col_cnt = 6
>
> global colSeq "2 4 6 8"
>
> // global st_cmldrle "\cmldrle(lr){2-3}\cmldrle(lr){4-5}\cmldrle(lr){6-7}"
> global st_cmldrle "\cmldrle(lr){2-7}"
>
>
> ///--- Group 1, columns 1 and 2
> global labG1 "All Age 5 to 12"
>
> global labC1 "{\small All Villages}"
>
> global labC2 "{\small No Teachng Points}"
>
>
> ///--- Group 2, columns 3 and 4
> global labG2 "Girls Age 5 to 12"
>
> global labC3 "{\small All Villages}"
>
> global labC4 "{\small No Teachng Points}"
>
>
> ///--- Group 3, columns 5 and 6
> global labG3 "Boys Age 5 to 12"
>
> global labC5 "{\small All Villages}"
>
> global labC6 "{\small No Teachng Points}"
>
>
>
> ///--- Column Widths
> global perCoefColWid = 1.85
>
> global labColWid = 5
>
>
> ///--- Column Fractional Adjustment, 1 = 100%
> global tableAdjustBoxWidth = 1.0
>
>
> //////////////////////////////////////
> ///--- F2. Tabling Calculations
> //////////////////////////////////////
>
> ///--- Width Calculation
> global totCoefColWid = ${perCoefColWid}*${it_col_cnt}
```



```
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. global slb_refcat_panel_b `refcat({slb_titling_panel_b}, nolabel)";
. #delimit cr
delimiter now cr
.
. //----- G1c. Tex Sectioning panel C
> //----- G1c. Tex Sectioning panel C
> //----- G1c. Tex Sectioning panel C
>
. if ("${svr_starts_var_panel_c}" == "${svr_starts_var_panel_c_sa}") & ("${svr_starts_var_panel_c_sa}" == "${svr_starts_var_panel_c_sa_ga}") {
. //----- if main = sub headings = subsub heading
> #delimit ;
delimiter now ;
. global slb_titling_panel_c "
> ${svr_starts_var_panel_c} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_title_spc}\textbf{{slb_panel_c}} \ \
>
>
> ${svr_starts_var_panel_c_sa_gb} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textit{{slb_panel
> ${svr_starts_var_panel_c_sb} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textbf{\textit{{slb
>
> ${svr_starts_var_panel_c_sb_gb} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textit{{slb_panel
>
. global slb_refcat_panel_c `refcat({slb_titling_panel_c}, nolabel)";
. #delimit cr
delimiter now cr
. }

. else if ("${svr_starts_var_panel_c_sa}" == "${svr_starts_var_panel_c_sa_ga}") {
. //----- if main, sub headings differ, but subsub = sub heading
> #delimit ;
delimiter now ;
. global slb_titling_panel_c "
> ${svr_starts_var_panel_c} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_title_spc}\textbf{{slb_panel_c}} \ \
> ${svr_starts_var_panel_c_sa} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textbf{\textit{{slb
>
> ${svr_starts_var_panel_c_sa_gb} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textit{{slb_panel
> ${svr_starts_var_panel_c_sb} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textbf{\textit{{slb
>
> ${svr_starts_var_panel_c_sb_gb} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textit{{slb_panel
>
. global slb_refcat_panel_c `refcat({slb_titling_panel_c}, nolabel)";
. #delimit cr
delimiter now cr
. }

. else {
. //----- if main, sub, subsub heading vars differ
> #delimit ;
delimiter now ;
. global slb_titling_panel_c "
> ${svr_starts_var_panel_c} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_title_spc}\textbf{{slb_panel_c}} \ \
> ${svr_starts_var_panel_c_sa} "${st_cmldrul} \multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textbf{
> ${svr_starts_var_panel_c_sa_ga} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textit{{slb_panel
> ${svr_starts_var_panel_c_sa_gb} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textit{{slb_panel
> ${svr_starts_var_panel_c_sb} "${st_cmldrul} \multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textbf{
> ${svr_starts_var_panel_c_sb_ga} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textit{{slb_panel
> ${svr_starts_var_panel_c_sb_gb} "\multicolumn${totColCnt}{L${totColWidLegend}cm}{{slb_dis_tlt_spc}\textit{{slb_panel
>
. global slb_refcat_panel_c `refcat({slb_titling_panel_c}, nolabel)";
. #delimit cr
delimiter now cr
. }

. //----- G1d. Bottom
> //----- G1d. Bottom
> //----- G1d. Bottom
>
. #delimit ;
delimiter now ;
. global slb_titling_bottom `
> stats(N $st_estd_rownames,
> labels(Observations
> "\midrule \multicolumn${totColCnt}{L${totColWid}cm}{{slb_title_spc}\textbf{\textit{\normalsize ${slb_bottom
> "${slb_fot_lst_spc}${slb_estd_2}"
> "${slb_fot_lst_spc}${slb_estd_3}"
> "${slb_fot_lst_spc}${slb_estd_4}")");

. #delimit cr
delimiter now cr
. //----- G2. Tex Headline
> //----- G2. Tex Headline
> //----- G2. Tex Headline
>
. //--- C.3.A. Initialize
> global row1 "&"

. global row1MidLine ""

. global row2 ""

. global row2MidLine ""

. global row3 ""

. //--- B. Row 2 and row 2 midline
> * global colSeq "2 3 6"
. global cmldrul ""

. global colCtr = -1

. foreach curCol of numlist $colSeq {
2.
```

```

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. global colCtr = $colCtr + 1
3.   global curCollMin = `curCol' - 1
4.   if ($colCtr == 0 ) {
5.       global minCoefCol = "`curCol'"
6.   }
7.   if ($colCtr != 0 ) {
8.       global gapCnt = (`curCol' - `lastCol')
9.       global gapWidth = (`curCol' - `lastCol')*$perCoefColWid
10.      di "curCollMin:$curCollMin, lastCol:`lastCol'"
11.      di "$gapCnt"
12.
13.      di "\multicolumn{$gapCnt}{C{$gapWidth}cm}{\small no Control}"
14.      di "\cmidrule(1{5pt}r{5pt}){\`lastCol'-$curCollMin}"
15.
16.      global curRow2MidLine "\cmidrule(1{5pt}r{5pt}){\`lastCol'-$curCollMin}"
17.      global row2MidLine "$row2MidLine $curRow2MidLine"
18.
19.      global curRow2 "\multicolumn{$gapCnt}{L{$gapWidth}cm}{\small ${labG${colCtr}}}"
20.      global row2 "$row2 & $curRow2"
21.   }
22.   local lastCol = `curCol'
23. }
24. curCollMin:3, lastCol:2
25. \multicolumn{2}{C{3.7cm}}{\small no Control}
26. \cmidrule(1{5pt}r{5pt}){2-3}
27. curCollMin:5, lastCol:4
28. \multicolumn{2}{C{3.7cm}}{\small no Control}
29. \cmidrule(1{5pt}r{5pt}){4-5}
30. curCollMin:7, lastCol:6
31. \multicolumn{2}{C{3.7cm}}{\small no Control}
32. \cmidrule(1{5pt}r{5pt}){6-7}
33.
34.
35.   ///--- C. Row 3
36.   * Initial & for label column
37.   foreach curLoop of numlist 1(1)$it_col_cnt {
38.       global curText "${labC`curLoop}"
39.       global textUse "("`curLoop'"
40.       if ("`curText" != "") {
41.           global textUse "$curText"
42.       }
43.       global curRow3 "\multicolumn{1}{C{$perCoefColWid}cm}{`textUse}"
44.       global row3 "$row3 & $curRow3"
45.   }
46.
47.
48.   ///--- D. Row 1 and midline:
49.   global row1 "$row1 \multicolumn{$it_col_cnt}{L{$totCoefColWid}cm}{`slb_title_inner}"
50.
51.   global row1MidLine "\cmidrule(1{5pt}r{5pt}){`minCoefCol}-`curCollMin}"
52.
53.
54.   ///--- C.3.E Print lines
55.   di "$row1 \\"
56. & \multicolumn{6}{L{11.1cm}}{\textbf{Categories}: Discrete Categories and BP} \\\
57.
58.   di "$row1MidLine "
59. \cmidrule(1{5pt}r{5pt}){2-7}
60.
61.   di "$row2 \\"
62. & \multicolumn{2}{L{3.7cm}}{\small All Age 5 to 12} & \multicolumn{2}{L{3.7cm}}{\small Girls Age 5 to 12} & \multicolumn{2}{L{3.7cm}}{\small
63.
64.   di "$row2MidLine"
65. \cmidrule(1{5pt}r{5pt}){2-3} \cmidrule(1{5pt}r{5pt}){4-5} \cmidrule(1{5pt}r{5pt}){6-7}
66.
67.   di "$row3 \\"
68. & \multicolumn{1}{C{1.85cm}}{\small All Villages} & \multicolumn{1}{C{1.85cm}}{\small No Teachng Points} & \multicolumn{1}{C{1.85cm}}{\small
69. > all All Villages} & \multicolumn{1}{C{1.85cm}}{\small No Teachng Points} \\\
70.
71.
72.   ///--- C.4 Together
73.   #delimit ;
74. delimiter now ;
75.   ///--- 1. Section
76.   * local section "
77.   * \section{`fileTitle'}\vspace*{-6mm}
78.   * ";
79.
80.   ///--- 2. Align and Column Define
81.   local centering "$alignCenter";
82.
83.   global headline "
84.   $row1 \\\
85.   $row1MidLine
86.   $row2 \\\
87.   $row2MidLine
88.   $row3 \\\
89.   ";
90.
91.   #delimit cr
92. delimiter now cr
93.
94.   //////////////////////////////////////
95. > ///--- G4. Head
96. > //////////////////////////////////////
97.
98.   #delimit ;
99. delimiter now ;
100.  global adjustBoxStart "\begin{adjustbox}{max width=${tableAdjustBoxWidth}\textwidth}";

```

```

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. global adjustBoxEnd "\end{adjustbox}";

. global notewrap "
> \addlinespace[-0.5em]
> \multicolumn{{totColCnt}}{L{{totColWidFootnote}cm}}{\footnotesize\justify${slb_note}}\
> ";

. global startTable "\begin{table}[htbp]
> \centering
> \caption{{slb_title}\label{{slb_label_tex}}}${adjustBoxStart}\begin{tabular}{`centering'}
> \toprule
> ";

. global headlineAll "prehead({startTable}{headline})";

. global headlineAllNoHead "prehead({startTable})";

. global postAll "postfoot(\bottomrule {notewrap} \end{tabular}${adjustBoxEnd}\end{table})";

. #delimit cr
delimiter now cr

.
. //----- H1. Output Results to HTML
> //----- H1. Output Results to HTML
> //----- H1. Output Results to HTML
>
. esttab ${smd_panel_a_m} using "${st_out_html}", ${slb_panel_a_main} ${slb_esttab_opt_txt} replace
(output written to ~\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\tab_6col_cts_dis2inter.html)

. esttab ${smd_panel_b_m} using "${st_out_html}", ${slb_panel_b_main} ${slb_esttab_opt_txt} append
(output written to ~\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\tab_6col_cts_dis2inter.html)

. esttab ${smd_panel_c_m} using "${st_out_html}", ${slb_panel_c_main} ${slb_esttab_opt_txt} append
(output written to ~\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\tab_6col_cts_dis2inter.html)

.
. //----- H2. Output Results to RTF
> //----- H2. Output Results to RTF
> //----- H2. Output Results to RTF
>
. esttab ${smd_panel_a_m} using "${st_out_rtf}", ${slb_panel_a_main} ${slb_esttab_opt_txt} replace
(output written to ~\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\tab_6col_cts_dis2inter.rtf)

. esttab ${smd_panel_b_m} using "${st_out_rtf}", ${slb_panel_b_main} ${slb_esttab_opt_txt} append
(output written to ~\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\tab_6col_cts_dis2inter.rtf)

. esttab ${smd_panel_c_m} using "${st_out_rtf}", ${slb_panel_c_main} ${slb_esttab_opt_txt} append
(output written to ~\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\tab_6col_cts_dis2inter.rtf)

.
. //----- H3. Output Results to Tex
> //----- H3. Output Results to Tex
> //----- H3. Output Results to Tex
>
. esttab $smd_panel_a_m using "${st_out_tex}", ///
> ${slb_panel_a_main} ///
> ${slb_refcat_panel_a} ///
> ${slb_esttab_opt_tex} ///
> fragment $headlineAll postfoot("") replace
(output written to ~\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\tab_6col_cts_dis2inter_texbody.tex)

.
. esttab $smd_panel_b_m using "${st_out_tex}", ///
> ${slb_panel_b_main} ///
> ${slb_refcat_panel_b} ///
> ${slb_esttab_opt_tex} ///
> fragment prehead("") postfoot("") append
(output written to ~\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\tab_6col_cts_dis2inter_texbody.tex)

.
. esttab $smd_panel_c_m using "${st_out_tex}", ///
> ${slb_panel_c_main} ///
> ${slb_refcat_panel_c} ///
> ${slb_esttab_opt_tex} ///
> ${slb_titling_bottom} ///
> fragment prehead("") $postAll append
(output written to ~\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\tab_6col_cts_dis2inter_texbody.tex)

.
. //----- I. Out Logs
> //----- I. Out Logs
> //----- I. Out Logs
>
. //----- End Log and to HTML
> log close
name: <unnamed>
log: C:\Users\fan\Stata4Econ\table\multipanel\tab_6col_cts_dis2inter\gen_reg.smcl
log type: smcl
closed on: 24 Aug 2019, 20:56:55

.
. //----- to PDF
> capture noisily {
. translator set Results2pdf logo off
. translator set Results2pdf fontsize 10
. translator set Results2pdf pagesize custom
. translator set Results2pdf pagewidth 11.69
. translator set Results2pdf pageheight 16.53
. translator set Results2pdf lmargin 0.2
. translator set Results2pdf rmargin 0.2
. translator set Results2pdf tmargin 0.2
. translator set Results2pdf bmargin 0.2
. translate @Results "${st_log_file}.pdf", replace translator(Results2pdf)

```