STATA

Statistics/Data analysis

_____

```
     name:  <unnamed>
      log:  /msu/scratch4/m1cmb07/Connor_bob/mmb/output/stepwise_regressions/sacratio
> _other_channel.smcl
  log type:  smcl
 opened on:  18 Jul 2024, 15:09:35
```
****
Interaction effects of other_channel and rules on sacratio at various horizons
****
note: **1.rule_g** omitted because of collinearity.
note: **1.other_channel#1.rule_g** omitted because of collinearity.
obtaining LAD starting values ... done
iterating RLS .... done
fitting empty model ... done
computing standard errors ... done

```
M regression (95% efficiency)              Number of obs   =        203
                                           Wald chi2(5)    =       7.78
                                           Prob > chi2     =     0.1688
                                           Pseudo R2       =     0.0352
                                           Biweight k      =      4.685
                                           Scale           =  4.4854669
```

_____

sacratio20	Coefficient	Robust std. err.	t	P>|t|	[95% conf. interval]	
other_channel						
0	0	(empty)				
1	-.237358	1.4486	-0.16	0.870	-3.094111	2.619395
rule_tr						
0	0	(empty)				
1	-2.916951	1.179142	-2.47	0.014	-5.242312	-.5915909
rule_itr						
0	0	(empty)				
1	-1.492941	1.208164	-1.24	0.218	-3.875535	.8896553
rule_g						
0	0	(empty)				
1	0	(empty)				
other_channel#rule_tr						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	-.0002325	1.707605	-0.00	1.000	-3.367766	3.363673
other_channel#rule_itr						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	.2437056	1.802268	0.14	0.893	-3.31051	3.797921
other_channel#rule_g						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	0	(empty)				
_cons	6.004514	.936291	6.41	0.000	4.158074	7.850954

_____

—

```
********************************************************************************
Interaction effects of other_channel and rules on sacratio at various horizons
********************************************************************************
```

note: **1.rule_g** omitted because of collinearity.
note: **1.other_channel#1.rule_g** omitted because of collinearity.
obtaining LAD starting values ... done
iterating RLS .... done
fitting empty model ... done
computing standard errors ... done

M regression (95% efficiency)

Number of obs	= 203
Wald chi2(**5**)	= 4.40
Prob > chi2	= 0.4931
Pseudo R2	= 0.0211
Biweight k	= 4.685
Scale	= 6.5845537

sacratio40	Coefficient	Robust std. err.	t	P>|t|	[95% conf. interval]	
other_channel						
0	0	(empty)				
1	.5550542	2.145214	0.26	0.796	-3.675478	4.7855 > 86
rule_tr						
0	0	(empty)				
1	-2.819209	1.626882	-1.73	0.085	-6.027549	.38913 > 08
rule_itr						
0	0	(empty)				
1	-1.520932	1.651419	-0.92	0.358	-4.777661	1.7357 > 96
rule_g						
0	0	(empty)				
1	0	(empty)				
other_channel#rule_tr						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	-1.219012	2.539905	-0.48	0.632	-6.227904	3.7898 > 81
other_channel#rule_itr						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	-.5490723	2.624264	-0.21	0.834	-5.724328	4.6261 > 83
other_channel#rule_g						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	0	(empty)				
_cons	6.743507	1.263797	5.34	0.000	4.251198	9.2358 > 15

```
********************************************************************************
Interaction effects of other_channel and rules on sacratio at various horizons
********************************************************************************
note: 1.rule_g omitted because of collinearity.
note: 1.other_channel#1.rule_g omitted because of collinearity.
obtaining LAD starting values ... done
iterating RLS ................... done
fitting empty model ... done
computing standard errors ... done
```

M regression (95% efficiency)

Number of obs	= 203
Wald chi2(5)	= 2.53
Prob > chi2	= 0.7726
Pseudo R2	= 0.0115
Biweight k	= 4.685
Scale	= 8.167213

sacratio60 > l]	Coefficient	Robust std. err.	t	P>|t|	[95% conf. interva
other_channel 0 1 > 16	0 .4974084	(empty) 2.520389	0.20	0.844	-4.472999 5.4678
rule_tr 0 1 > 34	0 -2.609969	(empty) 2.033034	-1.28	0.201	-6.619271 1.3993
rule_itr 0 1 > 71	0 -1.389092	(empty) 2.072332	-0.67	0.503	-5.475895 2.697
rule_g 0 1	0 0	(empty) (empty)			
other_channel#rule_tr 0 0 0 1 1 0 1 1 > 71	0 0 0 -1.183064	(empty) (empty) (empty) 3.102226	-0.38	0.703	-7.300899 4.9347
other_channel#rule_itr 0 0 0 1 1 0 1 1 > 51	0 0 0 -.2640201	(empty) (empty) (empty) 3.209065	-0.08	0.935	-6.59255 6.064
other_channel#rule_g 0 0 0 1 1 0 1 1	0 0 0 0	(empty) (empty) (empty) (empty)			
_cons > 97	7.231961	1.57587	4.59	0.000	4.124221 10.33

```
      name:   <unnamed>
       log:   /msu/scratch4/m1cmb07/Connor_bob/mmb/output/stepwise_regressions/sacratio
>  _other_channel.smcl
  log type:   smcl
 closed on:   18 Jul 2024, 15:09:36
```
_____