STATA
Statistics/Data analysis

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```
    name:  <unnamed>
     log:  /msu/scratch4/m1cmb07/Connor_bob/mmb/output/interactions_with_rules/sacratio_ntwrth.
> smcl
 log type:  smcl
opened on:  18 Jul 2024, 15:59:52
```
****
Interaction effects of ntwrth and rules on sacratio at various horizons
****
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**) =	**6.42**
Prob > chi2 =	**0.2677**
Pseudo R2 =	**0.0532**
Biweight k =	**4.685**
Scale =	**4.3365046**

sacratio20	Coefficient	Robust std. err.	t	P>|t|	[95% conf. interval]	
ntwrth						
0	**0**	(empty)				
1	**.6231842**	**.9064612**	**0.69**	**0.493**	**-1.164429**	**2.410797**
rule_g						
0	**0**	(empty)				
1	**2.427771**	**.9591824**	**2.53**	**0.012**	**.5361879**	**4.319355**
rule_itr						
0	**0**	(empty)				
1	**1.198442**	**.8120512**	**1.48**	**0.142**	**-.4029872**	**2.799871**
ntwrth#rule_g						
0 0	**0**	(empty)				
0 1	**0**	(empty)				
1 0	**0**	(empty)				
1 1	**2.060497**	**1.968348**	**1.05**	**0.296**	**-1.82124**	**5.942235**
ntwrth#rule_itr						
0 0	**0**	(empty)				
0 1	**0**	(empty)				
1 0	**0**	(empty)				
1 1	**1.320123**	**1.438165**	**0.92**	**0.360**	**-1.516052**	**4.156298**
_cons	**2.733681**	**.5199246**	**5.26**	**0.000**	**1.708349**	**3.759014**

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M regression (95% efficiency)

Number of obs	= 203
Wald chi2(5)	= 5.10
Prob > chi2	= 0.4040
Pseudo R2	= 0.0469
Biweight k	= 4.685
Scale	= 6.0387231

sacratio40	Coefficient	Robust std. err.	t	P>|t|	[95% conf. interval]	
ntwrth						
0	0	(empty)				
1	2.169303	1.576374	1.38	0.170	-.9394321	5.278037
rule_g						
0	0	(empty)				
1	2.746839	1.32174	2.08	0.039	.1402641	5.353415
rule_itr						
0	0	(empty)				
1	1.296024	1.089111	1.19	0.235	-.8517885	3.443836
ntwrth#rule_g						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	2.532322	2.997702	0.84	0.399	-3.379383	8.444027
ntwrth#rule_itr						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	1.509645	2.366733	0.64	0.524	-3.15774	6.177031
_cons	2.951347	.7231423	4.08	0.000	1.525253	4.377441

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M regression (95% efficiency)

Number of obs	=	203
Wald chi2(5)	=	3.19
Prob > chi2	=	0.6700
Pseudo R2	=	0.0409
Biweight k	=	4.685
Scale	=	7.1404296

sacratio60	Coefficient	Robust std. err.	t	P>|t|	[95% conf. interval]	
ntwrth						
0	0	(empty)				
1	2.979514	2.347669	1.27	0.206	-1.650275	7.609303
rule_g						
0	0	(empty)				
1	2.373492	1.558462	1.52	0.129	-.6999178	5.446903
rule_itr						
0	0	(empty)				
1	1.296767	1.38383	0.94	0.350	-1.432255	4.025788
ntwrth#rule_g						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	3.656719	3.984341	0.92	0.360	-4.200717	11.51415
ntwrth#rule_itr						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	1.828134	3.440754	0.53	0.596	-4.957304	8.613572
_cons	3.475433	.9302987	3.74	0.000	1.64081	5.310055

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