Statistics/Data analysis

```
      name:  <unnamed>
       log:  /msu/scratch4/m1cmb07/Connor_bob/mmb/output/stepwise_regressions/infl_per
> _rr_ntwrth.smcl
  log type:  smcl
 opened on:  18 Jul 2024, 15:09:40
```

Interaction effects of ntwrth and rules on infl_per_rr at various horizons

```
note: 1.rule_g omitted because of collinearity.
note: 1.ntwrth#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	= 228
Wald chi2(5)	= 56.64
Prob > chi2	= 0.0000
Pseudo R2	= 0.1483
Biweight k	= 4.685
Scale	= .26924728

infl_per_rr20	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
ntwrth						
0	0	(empty)				
1	.0418274	.1187956	0.35	0.725	-.192284	.2759387
rule_tr						
0	0	(empty)				
1	.4261993	.0634895	6.71	0.000	.30108	.5513186
rule_itr						
0	0	(empty)				
1	.2196246	.0719099	3.05	0.003	.0779111	.3613381
rule_g						
0	0	(empty)				
1	0	(empty)				
ntwrth#rule_tr						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	.067337	.1261248	0.53	0.594	-.181218	.315892
ntwrth#rule_itr						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	.1696232	.1427083	1.19	0.236	-.1116132	.4508596
ntwrth#rule_g						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	0	(empty)				
_cons	-.5151802	.0609972	-8.45	0.000	-.6353878	-.3949725

****
Interaction effects of ntwrth and rules on infl_per_rr at various horizons
****
note: **1.rule_g** omitted because of collinearity.
note: **1.ntwrth#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	= **228**
Wald chi2(**5**)	= **63.21**
Prob > chi2	= **0.0000**
Pseudo R2	= **0.1404**
Biweight k	= **4.685**
Scale	= **.29447599**

infl_per_rr40	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
ntwrth						
0	**0**	(empty)				
1	**.0367771**	**.1341571**	**0.27**	**0.784**	**-.2276072**	**.3011614**
rule_tr						
0	**0**	(empty)				
1	**.4514476**	**.0612571**	**7.37**	**0.000**	**.3307278**	**.5721674**
rule_itr						
0	**0**	(empty)				
1	**.2278862**	**.0715558**	**3.18**	**0.002**	**.0868707**	**.3689017**
rule_g						
0	**0**	(empty)				
1	**0**	(empty)				
ntwrth#rule_tr						
0 0	**0**	(empty)				
0 1	**0**	(empty)				
1 0	**0**	(empty)				
1 1	**.0958007**	**.147372**	**0.65**	**0.516**	**-.1946265**	**.3862279**
ntwrth#rule_itr						
0 0	**0**	(empty)				
0 1	**0**	(empty)				
1 0	**0**	(empty)				
1 1	**.2872384**	**.1820076**	**1.58**	**0.116**	**-.0714453**	**.6459222**
ntwrth#rule_g						
0 0	**0**	(empty)				
0 1	**0**	(empty)				
1 0	**0**	(empty)				
1 1	**0**	(empty)				
_cons	**-.5370046**	**.0578229**	**-9.29**	**0.000**	**-.6509566**	**-.4230526**

```
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Interaction effects of ntwrth and rules on infl_per_rr at various horizons
*******************************************************************************
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obtaining LAD starting values ... done
iterating RLS ........................... done
fitting empty model ... done
computing standard errors ... done

M regression (95% efficiency)                   Number of obs     =        228
                                                Wald chi2(5)      =      58.80
                                                Prob > chi2       =     0.0000
                                                Pseudo R2         =     0.1327
                                                Biweight k        =      4.685
                                                Scale             =  .31961638
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infl_per_rr60	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
ntwrth						
0	0	(empty)				
1	.0400108	.1488001	0.27	0.788	-.2532306	.3332522
rule_tr						
0	0	(empty)				
1	.4787677	.0670544	7.14	0.000	.3466231	.6109122
rule_itr						
0	0	(empty)				
1	.2403653	.0787377	3.05	0.003	.0851963	.3955343
rule_g						
0	0	(empty)				
1	0	(empty)				
ntwrth#rule_tr						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	.0860409	.1617344	0.53	0.595	-.2326903	.4047721
ntwrth#rule_itr						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	.3407925	.2188288	1.56	0.121	-.0904549	.77204
ntwrth#rule_g						
0 0	0	(empty)				
0 1	0	(empty)				
1 0	0	(empty)				
1 1	0	(empty)				
_cons	-.5616833	.0629446	-8.92	0.000	-.6857286	-.4376379

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  log type:  smcl
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