STaTa
Statistics/Data analysis

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```
       name:  <unnamed>
        log:  /msu/scratch4/m1cmb07/Connor_bob/mmb/output/stepwise_regressions/y_timing
> _max_nonmod_All.smcl
   log type:  smcl
 opened on:  23 Jul 2024, 10:19:33
```
****
Outcomes of bi-directional stepwise regressions with y_timing_max with rule fixed effe
> cts
Independent Variable set: nonmod_All
****
note: **rule_tr** omitted because of collinearity.
note: **estimated** omitted because of collinearity.

Fitting Poisson model:

```
Iteration 0:  Log pseudolikelihood = -393.59568
Iteration 1:  Log pseudolikelihood =  -393.5953
Iteration 2:  Log pseudolikelihood =  -393.5953
```

Fitting constant-only model:

```
Iteration 0:  Log pseudolikelihood = -458.38353
Iteration 1:  Log pseudolikelihood =  -424.4998
Iteration 2:  Log pseudolikelihood =    -424.49
Iteration 3:  Log pseudolikelihood = -424.48999
```

Fitting full model:

```
Iteration 0:  Log pseudolikelihood = -392.08751
Iteration 1:  Log pseudolikelihood = -386.26666
Iteration 2:  Log pseudolikelihood = -385.91632
Iteration 3:  Log pseudolikelihood = -385.91274
Iteration 4:  Log pseudolikelihood = -385.91274
```

```
Negative binomial regression                    Number of obs =     227
                                                Wald chi2(4)  =   99.25
Dispersion: mean                                Prob > chi2   =  0.0000
Log pseudolikelihood = -385.91274               Pseudo R2     =  0.0909
```

y_timing_max	Coefficient	Robust std. err.	z	P>|z|	[95% conf. interval]	
rule_g	.4076574	.1567107	2.60	0.009	.1005101	.7148047
rule_itr	.2265838	.1326209	1.71	0.088	-.0333484	.4865159
rule_tr	0	(omitted)				
calibrated	-.732311	.0958765	-7.64	0.000	-.9202254	-.5443965
estimated	0	(omitted)				
cb_authors_ext	.6397337	.0936744	6.83	0.000	.4561353	.8233322
_cons	.3537397	.1167037	3.03	0.002	.1250046	.5824748
/lnalpha	-2.26679	.6979476			-3.634742	-.8988374
alpha	.1036444	.0723384			.0263907	.4070426

```
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