STata
Statistics/Data analysis

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```
      name:  <unnamed>
       log:  /msu/scratch4/m1cmb07/Connor_bob/mmb/output/stepwise_regressions/pi_timin
> g_max_mod_All.smcl
  log type:  smcl
 opened on:  23 Jul 2024, 10:19:35
****************************************************************************
```
Outcomes of bi-directional stepwise regressions with pi_timing_max with rule fixed eff
> ects
Independent Variable set: mod_All
```
****************************************************************************
```

Fitting Poisson model:

```
Iteration 0:  Log pseudolikelihood = -521.04678
Iteration 1:  Log pseudolikelihood = -520.09666
Iteration 2:  Log pseudolikelihood = -520.09412
Iteration 3:  Log pseudolikelihood = -520.09412
```

Fitting constant-only model:

```
Iteration 0:  Log pseudolikelihood = -587.12958
Iteration 1:  Log pseudolikelihood = -537.16944
Iteration 2:  Log pseudolikelihood = -537.16379
Iteration 3:  Log pseudolikelihood = -537.16379
```

Fitting full model:

```
Iteration 0:  Log pseudolikelihood = -506.37851
Iteration 1:  Log pseudolikelihood = -499.39067
Iteration 2:  Log pseudolikelihood =  -499.0281
Iteration 3:  Log pseudolikelihood = -499.02761
Iteration 4:  Log pseudolikelihood = -499.02761
```

```
Negative binomial regression                    Number of obs =    224
                                                Wald chi2(7)  =  63.65
Dispersion: mean                                Prob > chi2   = 0.0000
Log pseudolikelihood = -499.02761               Pseudo R2     = 0.0710
```

pi_timing_max	Coefficient	Robust std. err.	z	P>|z|	[95% conf. interval]	
rule_g	.1750091	.0804906	2.17	0.030	.0172504	.3327677
stky_pr	-1.072631	.1882404	-5.70	0.000	-1.441575	-.7036867
learning	.7769164	.3491847	2.22	0.026	.092527	1.461306
wlth	-.2014366	.0835554	-2.41	0.016	-.3652021	-.0376711
stky_wg	.1972744	.0936696	2.11	0.035	.0136854	.3808635
ntwrth	-.1580233	.094044	-1.68	0.093	-.3423462	.0262996
open	-.1825401	.1252207	-1.46	0.145	-.4279681	.062888
_cons	2.405951	.1881978	12.78	0.000	2.03709	2.774812
/lnalpha	-2.196639	.5281472			-3.231789	-1.16149
alpha	.1111762	.0587174			.0394868	.3130195

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