**STaTa®**
Statistics/Data analysis

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```
      name:  <unnamed>
       log:  /msu/scratch4/m1cmb07/Connor_bob/mmb/output/interactions_with_rules/Billsacrat_wlth.
> smcl
  log type:  smcl
 opened on:  18 Jul 2024, 15:59:55
```
**********************************************************************
**Interaction effects of wlth and rules on Billsacrat 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   =        228
                                         Wald chi2(5)    =      27.69
                                         Prob > chi2     =     0.0000
                                         Pseudo R2       =     0.0544
                                         Biweight k      =      4.685
                                         Scale           =  .41085097
```

|  | | Robust | | | | |
|---|---|---|---|---|---|---|
| Billsacrat20 | Coefficient | std. err. | t | P>|t| | [95% conf. interval] | |
| **wlth** | | | | | | |
| 0 | 0 | (empty) | | | | |
| 1 | -.0545159 | .0893196 | -0.61 | 0.542 | -.2305388 | .121507 |
| **rule_g** | | | | | | |
| 0 | 0 | (empty) | | | | |
| 1 | .3325554 | .0736623 | 4.51 | 0.000 | .1873886 | .4777223 |
| **rule_itr** | | | | | | |
| 0 | 0 | (empty) | | | | |
| 1 | .1481604 | .0819494 | 1.81 | 0.072 | -.0133379 | .3096587 |
| **wlth#rule_g** | | | | | | |
| 0 0 | 0 | (empty) | | | | |
| 0 1 | 0 | (empty) | | | | |
| 1 0 | 0 | (empty) | | | | |
| 1 1 | .0141361 | .1217684 | 0.12 | 0.908 | -.2258337 | .254106 |
| **wlth#rule_itr** | | | | | | |
| 0 0 | 0 | (empty) | | | | |
| 0 1 | 0 | (empty) | | | | |
| 1 0 | 0 | (empty) | | | | |
| 1 1 | -.038065 | .1317276 | -0.29 | 0.773 | -.2976615 | .2215315 |
| _cons | .2138023 | .0519806 | 4.11 | 0.000 | .1113636 | .3162409 |

```
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obtaining LAD starting values ... done
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```

M regression (95% efficiency)

| | |  |  |
|---|---|---|---|
| Number of obs | = | 228 |
| Wald chi2(**5**) | = | 24.22 |
| Prob > chi2 | = | 0.0002 |
| Pseudo R2 | = | 0.0445 |
| Biweight k | = | 4.685 |
| Scale | = | .43993601 |

| Billsacrat40 | Coefficient | Robust std. err. | t | P>\|t\| | [95% conf. interval] | |
|---|---|---|---|---|---|---|
| wlth | | | | | | |
| 0 | 0 | (empty) | | | | |
| 1 | -.0173442 | .1015046 | -0.17 | 0.864 | -.21738 | .1826917 |
| rule_g | | | | | | |
| 0 | 0 | (empty) | | | | |
| 1 | .3554023 | .0794361 | 4.47 | 0.000 | .198857 | .5119476 |
| rule_itr | | | | | | |
| 0 | 0 | (empty) | | | | |
| 1 | .1721238 | .0926429 | 1.86 | 0.065 | -.0104483 | .3546959 |
| wlth#rule_g | | | | | | |
| 0 0 | 0 | (empty) | | | | |
| 0 1 | 0 | (empty) | | | | |
| 1 0 | 0 | (empty) | | | | |
| 1 1 | -.0199445 | .1329783 | -0.15 | 0.881 | -.2820058 | .2421169 |
| wlth#rule_itr | | | | | | |
| 0 0 | 0 | (empty) | | | | |
| 0 1 | 0 | (empty) | | | | |
| 1 0 | 0 | (empty) | | | | |
| 1 1 | -.0730004 | .1546069 | -0.47 | 0.637 | -.3776855 | .2316846 |
| _cons | .1651412 | .05569 | 2.97 | 0.003 | .0553925 | .2748898 |

```
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```

M regression (95% efficiency)

| | | | | |
|---|---|---|---|---|
| Number of obs | = | **228** | | |
| Wald chi2(**5**) | = | **22.80** | | |
| Prob > chi2 | = | **0.0004** | | |
| Pseudo R2 | = | **0.0415** | | |
| Biweight k | = | **4.685** | | |
| Scale | = | **.44321184** | | |

| Billsacrat60 | Coefficient | Robust std. err. | t | P>\|t\| | [95% conf. interval] | |
|---|---|---|---|---|---|---|
| **wlth** | | | | | | |
| 0 | **0** | (empty) | | | | |
| 1 | **-.0249862** | **.1053581** | **-0.24** | **0.813** | **-.2326162** | **.1826437** |
| **rule_g** | | | | | | |
| 0 | **0** | (empty) | | | | |
| 1 | **.3432432** | **.0795245** | **4.32** | **0.000** | **.1865237** | **.4999628** |
| **rule_itr** | | | | | | |
| 0 | **0** | (empty) | | | | |
| 1 | **.164099** | **.0949328** | **1.73** | **0.085** | **-.0229857** | **.3511837** |
| **wlth#rule_g** | | | | | | |
| 0 0 | **0** | (empty) | | | | |
| 0 1 | **0** | (empty) | | | | |
| 1 0 | **0** | (empty) | | | | |
| 1 1 | **-.0045972** | **.1364666** | **-0.03** | **0.973** | **-.2735329** | **.2643386** |
| **wlth#rule_itr** | | | | | | |
| 0 0 | **0** | (empty) | | | | |
| 0 1 | **0** | (empty) | | | | |
| 1 0 | **0** | (empty) | | | | |
| 1 1 | **-.0639164** | **.1642032** | **-0.39** | **0.697** | **-.3875128** | **.25968** |
| **_cons** | **.1629767** | **.0565966** | **2.88** | **0.004** | **.0514414** | **.2745121** |

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> smcl
  log type:  smcl
 closed on:  18 Jul 2024, 15:59:55
```
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