

```

1 .
2 .
3 . cd /Users/robertyaffee/Documents/data/research/chwk/phase3/data/panel
   /Users/robertyaffee/Documents/data/research/chwk/phase3/data/panel

4 . use ch3wMaster27mar2012, clear

5 .
6 . cap gen _mi_miss=0

7 . replace _mi_miss=0
   (0 real changes made)

8 . mi unset
   (regular variables edu1 edu2 edu3 edu4 edu5 edu6 edu7 edu8 mar0w1 mar1w1
mar2w1 mar3w1 mar4w1 mar5w1 mar6w1 mar0w2 mar1w2 mar2w2 mar3w2 mar4w2 mar5w2
mar6w2 mar1w3 mar2w3 mar3w3 mar4w3 mar5w3 mar6w3 marrw1 marrw2 marrw3 childw1
childw2 childw3 emplw1 emplw2 emplw11 emplw12 emplw13 emplw14 emplw15 emplw16
emplw21 emplw22 emplw23 emplw24 emplw25 emplw26 emplw31 emplw32 emplw33
emplw34 emplw3 occ1w1 occ2w1 occ3w1 occ4w1 occ5w1 occ6w1 occ7w1 occ8w1 occ1w2
occ2w2 occ3w2 occ4w2 occ5w2 occ6w2 occ7w2 occ8w2 occ1w3 occ2w3 occ3w3 occ4w3
occ5w3 occ6w3 occ7w3 occ8w3 inclw1 inclw2 inclw3 inc1w1 inc2w1 inc3w1 inc4w1
inc1w2 inc2w2 inc3w2 inc4w2 inclw3 inc2w3 inc3w3 inc4w3 jsw1 jsw2 jsw3 deaw1
deaw2 deaw3 dvcew1 dvcew2 dvcew3 sepaw1 sepaw2 sepaw3 accdw1 accdw2 accdw3
cataw1 cataw2 cataw3 illw1 illw2 illw3 movew1 movew2 movew3 unregistered because not in m=0)
   (imputed variables smokw1 beerw1 beerw2 beerw3 liqw1 medcow1 medcow3 hospw1
vishphw1 vishphw2 vishphw3 vishpw1 vishpw2 vishpw3 trgovw1 trgovw2 trgovw3
trrepw1 trrepw2 trrepw3 whp23er emplw35 defnw1 ecprw1 airw1 radw1 radw2 radw3
shfamw1 shfamw2 shfincw1 shhousw1 shrelaw2 suprtw1 sufamw1 sufamw3 suchrw1
unregistered because not in m=0)
   (21 m=0 obs. now marked as incomplete)

```

variables		
original	new	meaning
<u>_mi_miss</u>	<u>mi_miss1</u>	0=orig-complete, 1=orig-incomplete

```
*****
> *
*****
> *
*****
> *
*****
(Mental
> *
*****
health
> *
*****
responses
> *
*****
to
> *
*****
dose)
> *
*****
28 Mar 2012    04:47:11 *****
> *
*****
> *
```

```

14 .
15 .
16 .
17 . subtitle "Panel unit root tests"

```

---

```

                                Date and time: 28 Mar 2012    04:47:11
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX    10.6.8    on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

---

**Panel unit root tests**

---

```

18 . xtunitroot hadri radhlw if gender==1, demean

```

Hadri LM test for **radhlw**

---

Ho: All panels are stationary	Number of panels =	<b>340</b>
Ha: Some panels contain unit roots	Number of periods =	<b>3</b>
Time trend:	<b>Not included</b>	Asymptotics: <b>T, N -&gt; Infinity</b>
Heteroskedasticity:	<b>Not robust</b>	<b>sequentially</b>
LR variance:	<b>(not used)</b>	Cross-sectional means removed

---

	Statistic	p-value
<b>z</b>	<b>2.9694</b>	<b>0.0015</b>

---

```

19 . cap xtunitroot fisher radhlw if gender==2, demean pperron
20 . // insufficient obs for test of female trend so we control for the trend by
    > including it in the model

```

```
21 .
22 .
23 . subtitle "Nottingham Part I tests"
```

---

```
                                Date and time: 28 Mar 2012    04:47:15
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX    10.6.8    on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory
```

---

### Nottingham Part I tests

---

```
24 .
25 . foreach dvar in radhlw radfmw radltw radchw WHPel WHPer WHPsleep WHPsociso W
> HPPain WHPpa {
    2. subtitle "male model for `dvar'"
    3. xtpcse `dvar' wave if gender==1, hetonly corr(psar1) rhotype(tscorr)
    4. xtpcse `dvar' mage avgcumdosew HavKm ranown if gender==1, hetonly corr(ps
> ar1) rhotype(tscorr) nmk
    5. xtpcse `dvar' wave mage avgcumdosew HavKm ranown if gender==1, hetonly co
> rr(psar1) rhotype(tscorr) nmk
    6. subtitle "female model for `dvar'"
    7. xtpcse `dvar' wave if gender==2, hetonly corr(psar1) rhotype(tscorr)
    8. xtpcse `dvar' mage avgcumdosew HavKm ranown if gender==2, hetonly corr(ps
> ar1) rhotype(tscorr) nmk
    9. xtpcse `dvar' wave mage avgcumdosew HavKm ranown if gender==2, hetonly co
> rr(psar1) rhotype(tscorr) nmk
    10. }
```

---

```
                                Date and time: 28 Mar 2012    04:47:15
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX    10.6.8    on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory
```

---

### male model for radhlw

---

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =           3
                                              max =           3
Estimated covariances      =    340        R-squared      =    0.2680
Estimated autocorrelations =    340        Wald chi2(1)     =    1.06
Estimated coefficients      =     2         Prob > chi2      =    0.3036

```

radhlw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	.8382353	.8147928	1.03	0.304	-.7587292	2.4352
_cons	45.8404	2.019659	22.70	0.000	41.88194	49.79886
rhos = .6655385 .6403557 .666523 .3926687 .570116 ... .6793658						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =           3
                                              max =           3
Estimated covariances      =    340        R-squared      =    0.2816
Estimated autocorrelations =    340        Wald chi2(4)     =    21.09
Estimated coefficients      =     5         Prob > chi2      =    0.0003

```

radhlw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0017253	.0295419	0.06	0.953	-.0561758	.0596264
avgcumdosew	1.135882	.3501357	3.24	0.001	.4496286	1.822135
HavKm	-.0003754	.0001927	-1.95	0.051	-.0007532	2.34e-06
ranown	-.0649214	.0253215	-2.56	0.010	-.1145507	-.0152921
_cons	60.36379	4.746351	12.72	0.000	51.06111	69.66646
rhos = .6685919 .6562939 .6670268 .3766826 .5663754 ... .6819146						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    340      R-squared      =    0.2813
Estimated autocorrelations =    340      Wald chi2(5)    =    21.25
Estimated coefficients     =     6       Prob > chi2     =    0.0007

```

radhlw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	.4083515	.8602633	0.47	0.635	-1.277733	2.094437
magew	-.0007935	.0293871	-0.03	0.978	-.0583912	.0568042
avgcumdosew	1.106171	.3567348	3.10	0.002	.4069836	1.805358
HavKm	-.0003795	.0001915	-1.98	0.048	-.0007549	-4.15e-06
ranown	-.0647063	.0251816	-2.57	0.010	-.1140613	-.0153513
_cons	59.69167	4.862159	12.28	0.000	50.16201	69.22132
rhos = .6678653 .6483668 .6669585 .3797812 .5615393 ... .6802148						

```

Date and time: 28 Mar 2012 04:47:22
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for radhlw

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1088
Time variable:   wave              Number of groups =    363
Panels:          heteroskedastic (unbalanced)  Obs per group: min =     2
Autocorrelation: panel-specific AR(1)      avg =    2.997245
                                              max =     3
Estimated covariances      =    363      R-squared      =    0.3020
Estimated autocorrelations =    363      Wald chi2(1)    =     6.86
Estimated coefficients     =     2       Prob > chi2     =    0.0088

```

radhlw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>2.186225</b>	<b>.834607</b>	<b>2.62</b>	<b>0.009</b>	<b>.5504248</b>	<b>3.822024</b>
_cons	<b>53.56528</b>	<b>2.042215</b>	<b>26.23</b>	<b>0.000</b>	<b>49.56262</b>	<b>57.56795</b>
rhos = <b>-.043058</b> <b>.6654401</b> <b>.6434388</b> <b>.6653402</b> <b>.5933386</b> ... <b>.6434388</b>						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1073
Time variable:  wave                    Number of groups   =      358
Panels:         heteroskedastic (unbalanced)  Obs per group: min =        2
Autocorrelation: panel-specific AR(1)          avg =    2.997207
                                                max =        3
Estimated covariances      =      358      R-squared          =    0.3154
Estimated autocorrelations =      358      Wald chi2(4)         =    68.60
Estimated coefficients      =        5      Prob > chi2          =    0.0000

```

radhlw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.4074999</b>	<b>.0693816</b>	<b>5.87</b>	<b>0.000</b>	<b>.2715143</b>	<b>.5434854</b>
avgcumdosew	<b>1.98765</b>	<b>.726169</b>	<b>2.74</b>	<b>0.006</b>	<b>.5643846</b>	<b>3.410915</b>
HavKm	<b>-.0004741</b>	<b>.0001688</b>	<b>-2.81</b>	<b>0.005</b>	<b>-.0008049</b>	<b>-.0001432</b>
ranown	<b>-.0328792</b>	<b>.0208895</b>	<b>-1.57</b>	<b>0.115</b>	<b>-.0738219</b>	<b>.0080635</b>
_cons	<b>52.56618</b>	<b>4.559389</b>	<b>11.53</b>	<b>0.000</b>	<b>43.62994</b>	<b>61.50242</b>
rhos = <b>-.070027</b> <b>.6676389</b> <b>.5886287</b> <b>.6485463</b> <b>.5678804</b> ... <b>.4072772</b>						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1073
Time variable:  wave                    Number of groups   =      358
Panels:         heteroskedastic (unbalanced)  Obs per group: min =        2
Autocorrelation: panel-specific AR(1)          avg =    2.997207
                                                max =        3
Estimated covariances      =      358      R-squared          =    0.3355
Estimated autocorrelations =      358      Wald chi2(5)         =    72.69
Estimated coefficients      =        6      Prob > chi2          =    0.0000

```

radhlw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-3.888436	1.182688	-3.29	0.001	-6.206462	-1.57041
magew	.5985609	.095402	6.27	0.000	.4115764	.7855454
avgcumdosew	2.499764	.7187514	3.48	0.001	1.091037	3.90849
HavKm	-.0004451	.0001766	-2.52	0.012	-.0007912	-.0000989
ranown	-.0363364	.0218992	-1.66	0.097	-.0792581	.0065852
_cons	53.03732	4.716209	11.25	0.000	43.79372	62.28092
rhos = -.0860764 .6746289 .6289635 .6544788 .5466356 ... .5488943						

```

                                Date and time: 28 Mar 2012    04:47:30
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### male model for radfmw

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1020
Time variable:  wave                    Number of groups   =      340
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                              max =        3
Estimated covariances      =      340      R-squared          =      0.2882
Estimated autocorrelations =      340      Wald chi2(1)       =      11.68
Estimated coefficients     =        2      Prob > chi2        =      0.0006

```

radfmw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	2.925	.8559886	3.42	0.001	1.247293	4.602707
_cons	48.9433	2.141529	22.85	0.000	44.74598	53.14062
rhos = .6491603 .5223256 .6653909 .5223256 .5156818 ... .5251031						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3

Estimated covariances      =    340      R-squared        =    0.3264
Estimated autocorrelations =    340      Wald chi2(4)       =    15.84
Estimated coefficients     =     5       Prob > chi2        =    0.0032

```

radfmw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0182272	.0349159	0.52	0.602	-.0502066	.0866611
avgcumdosew	1.261249	.554807	2.27	0.023	.173847	2.348651
HavKm	-.0006653	.0002423	-2.75	0.006	-.0011403	-.0001904
ranown	-.0327239	.0312043	-1.05	0.294	-.0938833	.0284354
_cons	67.71784	6.545595	10.35	0.000	54.88871	80.54697
rhos = .6683064 .6627479 .6668539 .6624912 .5218005 ... .5370317						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3

Estimated covariances      =    340      R-squared        =    0.3173
Estimated autocorrelations =    340      Wald chi2(5)       =    27.99
Estimated coefficients     =     6       Prob > chi2        =    0.0000

```

radfmw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	2.511815	.9040473	2.78	0.005	.7399148	4.283715
magew	.0024655	.0281268	0.09	0.930	-.0526621	.057593
avgcumdosew	.9939765	.5075428	1.96	0.050	-.0007891	1.988742
HavKm	-.0007053	.0002238	-3.15	0.002	-.001144	-.0002665
ranown	-.0336893	.0294419	-1.14	0.253	-.0913942	.0240157
_cons	63.92774	6.186724	10.33	0.000	51.80198	76.05349
rhos = .6456072 .3135265 .6656504 .3209611 .4930618 ... .4830353						

```

Date and time: 28 Mar 2012    04:47:37
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

# female model for radfmw

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =    1089
Time variable:  wave                    Number of groups   =    363
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3

Estimated covariances      =    363      R-squared          =    0.4053
Estimated autocorrelations =    363      Wald chi2(1)        =    23.74
Estimated coefficients      =     2       Prob > chi2          =    0.0000

```

radfmw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	4.256198	.8735256	4.87	0.000	2.54412	5.968277
_cons	56.12241	2.115141	26.53	0.000	51.97681	60.26801
rhos = .2355917 .659968 -.1380634 .6603408 .6347822 ... .6347822						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =    1074
Time variable:  wave                    Number of groups   =    358
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3

Estimated covariances      =    358      R-squared          =    0.4504
Estimated autocorrelations =    358      Wald chi2(4)        =   118.98
Estimated coefficients      =     5       Prob > chi2          =    0.0000

```

radfmw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.5203693	.0710717	7.32	0.000	.3810713	.6596674
avgcumdosew	1.716892	.6696145	2.56	0.010	.4044717	3.029312
HavKm	-.0008032	.0001586	-5.06	0.000	-.0011141	-.0004924
ranown	-.0225899	.0210565	-1.07	0.283	-.0638598	.01868
_cons	58.68889	4.388497	13.37	0.000	50.08759	67.29019
rhos = .0371853 .6665782 -.0125135 .6415448 .4347571 ... .5364282						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1074
Time variable:    wave                    Number of groups   =        358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =        358      R-squared          =       0.4560
Estimated autocorrelations =        358      Wald chi2(5)        =      116.65
Estimated coefficients     =         6       Prob > chi2         =       0.0000

```

radfmw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-1.308913	1.191641	-1.10	0.272	-3.644487	1.02666
magew	.5775847	.0933129	6.19	0.000	.3946948	.7604747
avgcumdosew	1.854206	.6872315	2.70	0.007	.507257	3.201155
HavKm	-.000795	.0001608	-4.95	0.000	-.0011101	-.0004799
ranown	-.02341	.0215147	-1.09	0.277	-.0655782	.0187581
_cons	59.14606	4.406814	13.42	0.000	50.50887	67.78326
rhos = .034232 .6710905 -.0138549 .6466599 .4671654 ... .5713994						

```

Date and time: 28 Mar 2012    04:47:44
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

male model for radltw

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =       1019
Time variable:   wave                     Number of groups =       340
Panels:          heteroskedastic (unbalanced)  Obs per group: min =         2
Autocorrelation: panel-specific AR(1)         avg =    2.997059
                                                max =         3
Estimated covariances      =       340      R-squared      =    0.3441
Estimated autocorrelations =       340      Wald chi2(1)     =     1.79
Estimated coefficients     =         2      Prob > chi2      =    0.1807

```

radltw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-1.105464	.825832	-1.34	0.181	-2.724065	.5131375
_cons	55.37103	1.997841	27.72	0.000	51.45533	59.28673
rhos = .665951 .6664249 .6655557 .6664648 .6664648 ... .0535706						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =       1019
Time variable:   wave                     Number of groups =       340
Panels:          heteroskedastic (unbalanced)  Obs per group: min =         2
Autocorrelation: panel-specific AR(1)         avg =    2.997059
                                                max =         3
Estimated covariances      =       340      R-squared      =    0.3486
Estimated autocorrelations =       340      Wald chi2(4)     =    13.93
Estimated coefficients     =         5      Prob > chi2      =    0.0075

```

radltw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	-.0037602	.0108488	-0.35	0.729	-.0250234	.0175031
avgcumdosew	.0755616	.2905519	0.26	0.795	-.4939096	.6450328
HavKm	-.0006413	.0001993	-3.22	0.001	-.0010319	-.0002506
ranown	-.0723209	.0269331	-2.69	0.007	-.1251088	-.019533
_cons	72.08216	5.42055	13.30	0.000	61.45808	82.70624
rhos = .6666168 .6666396 .6666067 .6666934 .6667298 ... -.0216001						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1019
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (unbalanced)  Obs per group: min =     2
Autocorrelation: panel-specific AR(1)         avg =    2.997059
                                                max =     3
Estimated covariances      =    340          R-squared      =    0.3482
Estimated autocorrelations =    340          Wald chi2(5)      =    17.03
Estimated coefficients      =     6           Prob > chi2       =    0.0044

```

radltw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-1.176104	.840251	-1.40	0.162	-2.822966	.4707575
magew	-.0011085	.0112188	-0.10	0.921	-.0230969	.0208798
avgcumdosew	.2067999	.3134436	0.66	0.509	-.4075383	.8211381
HavKm	-.0006385	.0001937	-3.30	0.001	-.0010181	-.0002589
ranown	-.0733147	.0269934	-2.72	0.007	-.1262209	-.0204085
_cons	74.31087	5.5687	13.34	0.000	63.39642	85.22532
rhos = .6660307 .6664227 .6649724 .6664579 .6665225 ... -.0227677						

```

Date and time: 28 Mar 2012 04:47:51
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for radltw

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1089
Time variable:   wave                    Number of groups =    363
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)         avg =     3
                                                max =     3
Estimated covariances      =    363          R-squared      =    0.3174
Estimated autocorrelations =    363          Wald chi2(1)      =     3.62
Estimated coefficients      =     2           Prob > chi2       =    0.0572

```

radltw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>1.590909</b>	<b>.8366755</b>	<b>1.90</b>	<b>0.057</b>	<b>-.0489447</b>	<b>3.230763</b>
_cons	<b>58.4174</b>	<b>2.03352</b>	<b>28.73</b>	<b>0.000</b>	<b>54.43178</b>	<b>62.40303</b>
rhos = <b>-.0127965</b> <b>.6658095</b> <b>.6658095</b> <b>.6658095</b> <b>.5375767</b> ... <b>.6658095</b>						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1074
Time variable:   wave                    Number of groups =      358
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      358      R-squared        =      0.3367
Estimated autocorrelations =      358      Wald chi2(4)      =      28.40
Estimated coefficients     =       5       Prob > chi2       =      0.0000

```

radltw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.2754114</b>	<b>.0716169</b>	<b>3.85</b>	<b>0.000</b>	<b>.1350449</b>	<b>.4157778</b>
avgcumdosew	<b>.9238201</b>	<b>.633725</b>	<b>1.46</b>	<b>0.145</b>	<b>-.3182582</b>	<b>2.165898</b>
HavKm	<b>-.0003646</b>	<b>.0001656</b>	<b>-2.20</b>	<b>0.028</b>	<b>-.0006892</b>	<b>-.0000401</b>
ranown	<b>-.0272148</b>	<b>.0198359</b>	<b>-1.37</b>	<b>0.170</b>	<b>-.0660925</b>	<b>.011663</b>
_cons	<b>59.89005</b>	<b>4.641424</b>	<b>12.90</b>	<b>0.000</b>	<b>50.79302</b>	<b>68.98707</b>
rhos = <b>.0582979</b> <b>.6688775</b> <b>.6681699</b> <b>.6685287</b> <b>.5060147</b> ... <b>.668527</b>						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1074
Time variable:   wave                    Number of groups =      358
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      358      R-squared        =      0.3411
Estimated autocorrelations =      358      Wald chi2(5)      =      31.00
Estimated coefficients     =       6       Prob > chi2       =      0.0000

```

radltw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-2.222519	1.172024	-1.90	0.058	-4.519644	.0746056
magew	.388351	.0963432	4.03	0.000	.1995218	.5771801
avgcumdosew	1.134178	.6576982	1.72	0.085	-.1548867	2.423243
HavKm	-.0003556	.0001674	-2.12	0.034	-.0006838	-.0000275
ranown	-.0305557	.0202846	-1.51	0.132	-.0703128	.0092015
_cons	60.38125	4.685736	12.89	0.000	51.19738	69.56512
rhos = .0689348 .6713196 .6718982 .6708609 .4876967 ... .6708942						

```

                                Date and time: 28 Mar 2012    04:47:58
                                Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### male model for radchw

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1020
Time variable:  wave                    Number of groups   =      340
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                              max =        3
Estimated covariances      =      340      R-squared          =      0.3473
Estimated autocorrelations =      340      Wald chi2(1)        =      17.03
Estimated coefficients      =        2      Prob > chi2          =      0.0000

```

radchw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-3.566176	.8642762	-4.13	0.000	-5.260127	-1.872226
_cons	57.54981	2.016545	28.54	0.000	53.59746	61.50217
rhos = .6644798 .6644798 .6517457 .0092269 .0092269 ... -.1681417						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation:  panel-specific AR(1)        avg =          3
                                                max =          3
Estimated covariances      =       340      R-squared          =       0.3436
Estimated autocorrelations =       340      Wald chi2(4)        =       23.78
Estimated coefficients     =        5       Prob > chi2         =       0.0001

```

radchw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	-.0230355	.0120543	-1.91	0.056	-.0466616	.0005906
avgcumdosew	.093689	.3309059	0.28	0.777	-.5548747	.7422527
HavKm	-.0008049	.0001836	-4.38	0.000	-.0011647	-.000445
ranown	-.0501926	.0225595	-2.22	0.026	-.0944085	-.0059767
_cons	69.66325	4.56626	15.26	0.000	60.71354	78.61295
rhos = .6662866 .6662914 .6677848 .0625342 .0632475 ... -.1750365						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation:  panel-specific AR(1)        avg =          3
                                                max =          3
Estimated covariances      =       340      R-squared          =       0.3562
Estimated autocorrelations =       340      Wald chi2(5)        =       42.19
Estimated coefficients     =        6       Prob > chi2         =       0.0000

```

radchw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-3.567549	.8750909	-4.08	0.000	-5.282695	-1.852402
magew	-.0124823	.0073389	-1.70	0.089	-.0268662	.0019016
avgcumdosew	.2711505	.3807533	0.71	0.476	-.4751122	1.017413
HavKm	-.0007854	.0001767	-4.45	0.000	-.0011317	-.0004391
ranown	-.0554	.0226202	-2.45	0.014	-.0997348	-.0110652
_cons	76.64499	4.700156	16.31	0.000	67.43286	85.85713
rhos = .6643719 .6643957 .6436875 .0573074 .0571083 ... -.199634						

```

Date and time: 28 Mar 2012    04:48:05
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

# female model for radchw

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1089
Time variable:  wave                    Number of groups   =      363
Panels:         heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)      avg =             3
                                              max =             3
Estimated covariances      =      363      R-squared          =      0.3612
Estimated autocorrelations =      363      Wald chi2(1)       =      0.00
Estimated coefficients      =       2       Prob > chi2        =      0.9610

```

radchw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	.0413223	.8447579	0.05	0.961	-1.614373	1.697017
_cons	60.50224	2.047645	29.55	0.000	56.48892	64.51555
rhos = .004294 .6666661 -.0446413 .6666612 .6666665 ... .6666661						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1074
Time variable:  wave                    Number of groups   =      358
Panels:         heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)      avg =             3
                                              max =             3
Estimated covariances      =      358      R-squared          =      0.3716
Estimated autocorrelations =      358      Wald chi2(4)       =      15.16
Estimated coefficients      =       5       Prob > chi2        =      0.0044

```

radchw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.1113615	.0716987	1.55	0.120	-.0291654	.2518884
avgcumdosew	1.033316	.6934243	1.49	0.136	-.3257707	2.392403
HavKm	-.0004547	.0001711	-2.66	0.008	-.00079	-.0001194
ranown	-.0216373	.0210962	-1.03	0.305	-.0629852	.0197106
_cons	65.30436	4.800317	13.60	0.000	55.89592	74.71281
<hr/>						
rhos =	.080923	.667692	-.1545448	.645359	.665166 ...	.6671606

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1074
Time variable:    wave                    Number of groups   =        358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg              =         3
                                                max              =         3

Estimated covariances      =        358      R-squared          =       0.3780
Estimated autocorrelations =        358      Wald chi2(5)         =       19.83
Estimated coefficients      =         6       Prob > chi2          =       0.0013

```

radchw	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-2.501956	1.201849	-2.08	0.037	-4.857537	-.1463746
magew	.238407	.096363	2.47	0.013	.049539	.4272749
avgcumdosew	1.284324	.73055	1.76	0.079	-.1475277	2.716176
HavKm	-.0004615	.0001725	-2.68	0.007	-.0007996	-.0001235
ranown	-.0251135	.0216876	-1.16	0.247	-.0676205	.0173935
_cons	66.21116	4.844658	13.67	0.000	56.7158	75.70651
<hr/>						
rhos =	.0972063	.669152	-.1725144	.6558992	.664767 ...	.668637

```

Date and time:  28 Mar 2012    04:48:12
Working directory:  /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file:  ch3wMaster27mar2012.d
> ta

Stata version:  12.1
Operating system:  MacOSX  10.6.8  on
> Macintosh (Intel 64-bit)  with  4  processors
using  33554432 bytes of memory

```

male model for WHPel

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)       avg =     3
                                                max =     3

Estimated covariances      =    340      R-squared      =    0.0803
Estimated autocorrelations =    340      Wald chi2(1)     =    0.00
Estimated coefficients     =     2       Prob > chi2      =    1.0000

```

WHPel	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	9.00e-14	.5847645	0.00	1.000	-1.146117	1.146117
_cons	23.19059	1.499032	15.47	0.000	20.25254	26.12864
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)       avg =     3
                                                max =     3

Estimated covariances      =    340      R-squared      =    0.1091
Estimated autocorrelations =    340      Wald chi2(4)     =    13.44
Estimated coefficients     =     5       Prob > chi2      =    0.0093

```

WHPel	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0234192	.0141467	1.66	0.098	-.0043079	.0511462
avgcumdosew	1.445304	.5593144	2.58	0.010	.3490676	2.54154
HavKm	-.0001006	.0001449	-0.69	0.488	-.0003847	.0001835
ranown	.020603	.0206902	1.00	0.319	-.019949	.061155
_cons	20.4904	3.595472	5.70	0.000	13.44341	27.5374
rhos = .6670116 .6669841 .6662508 .6670081 .667351 ... .6670116						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    340      R-squared      =    0.1093
Estimated autocorrelations =    340      Wald chi2(5)    =    13.41
Estimated coefficients     =     6       Prob > chi2     =    0.0198

```

WHPel	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.859097	.6308175	-1.36	0.173	-2.095477	.3772827
magew	.0285928	.0171243	1.67	0.095	-.0049702	.0621558
avgcumdosew	1.563456	.5732973	2.73	0.006	.4398142	2.687098
HavKm	-.000093	.0001505	-0.62	0.537	-.000388	.000202
ranown	.020412	.0209643	0.97	0.330	-.0206773	.0615013
_cons	21.83376	3.888772	5.61	0.000	14.2119	29.45561
rhos = .6674445 .6673884 .6665211 .6674387 .668097 ... .6674446						

```

Date and time: 28 Mar 2012 04:48:19
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for WHPel

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1089
Time variable:   wave              Number of groups =    363
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    363      R-squared      =    0.1108
Estimated autocorrelations =    363      Wald chi2(1)    =     0.00
Estimated coefficients     =     2       Prob > chi2     =    1.0000

```

WHPel	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>1.57e-13</b>	<b>.6499824</b>	<b>0.00</b>	<b>1.000</b>	<b>-1.273942</b>	<b>1.273942</b>
_cons	<b>31.83691</b>	<b>1.666217</b>	<b>19.11</b>	<b>0.000</b>	<b>28.57119</b>	<b>35.10264</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1074
Time variable:    wave                    Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg              =         3
                                                max              =         3
Estimated covariances      =       358      R-squared          =       0.1593
Estimated autocorrelations =       358      Wald chi2(4)       =       77.66
Estimated coefficients     =         5      Prob > chi2        =       0.0000

```

WHPel	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.4440432</b>	<b>.0564803</b>	<b>7.86</b>	<b>0.000</b>	<b>.3333438</b>	<b>.5547426</b>
avgcumdosew	<b>.1991681</b>	<b>.484522</b>	<b>0.41</b>	<b>0.681</b>	<b>-.7504777</b>	<b>1.148814</b>
HavKm	<b>-.0002006</b>	<b>.000128</b>	<b>-1.57</b>	<b>0.117</b>	<b>-.0004515</b>	<b>.0000504</b>
ranown	<b>.001306</b>	<b>.0154477</b>	<b>0.08</b>	<b>0.933</b>	<b>-.0289709</b>	<b>.0315829</b>
_cons	<b>17.93212</b>	<b>3.393139</b>	<b>5.28</b>	<b>0.000</b>	<b>11.28169</b>	<b>24.58255</b>
rhos = .6311334 .6630492 .6609888 .4793813 .6169872 ... .6675909						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1074
Time variable:    wave                    Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg              =         3
                                                max              =         3
Estimated covariances      =       358      R-squared          =       0.2109
Estimated autocorrelations =       358      Wald chi2(5)       =      165.24
Estimated coefficients     =         6      Prob > chi2        =       0.0000

```

WHPel	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-7.970092	.900233	-8.85	0.000	-9.734516	-6.205667
magew	.8775664	.0783988	11.19	0.000	.7239075	1.031225
avgcumdosew	1.389362	.396265	3.51	0.000	.6126973	2.166027
HavKm	-.0001951	.0001384	-1.41	0.159	-.0004664	.0000762
ranown	-.0096393	.0166576	-0.58	0.563	-.0422877	.023009
_cons	18.46678	3.436613	5.37	0.000	11.73115	25.20242
rhos = .6443063 .6824987 .6829967 .7057881 .6329703 ... .6776284						

```

                                Date and time: 28 Mar 2012    04:48:27
                                Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### male model for WHPer

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs      =      1020
Time variable:   wave                      Number of groups    =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)       avg =        3
                                                max =        3
Estimated covariances      =      340      R-squared           =      0.0828
Estimated autocorrelations =      340      Wald chi2(1)         =      0.00
Estimated coefficients     =        2      Prob > chi2           =      1.0000

```

WHPer	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	4.02e-14	.2645109	0.00	1.000	-.5184318	.5184318
_cons	10.66962	.6780682	15.74	0.000	9.340628	11.99861
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation:  panel-specific AR(1)        avg =          3
                                                max =          3
Estimated covariances      =       340      R-squared          =       0.1637
Estimated autocorrelations =       340      Wald chi2(4)         =      134.00
Estimated coefficients     =        5       Prob > chi2          =       0.0000

```

WHPer	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0059087	.0039956	1.48	0.139	-.0019225	.01374
avgcumdosew	.4943604	.0718201	6.88	0.000	.3535957	.6351252
HavKm	-.0002017	.000061	-3.31	0.001	-.0003214	-.0000821
ranown	.0263353	.0094476	2.79	0.005	.0078182	.0448523
_cons	10.07789	1.576704	6.39	0.000	6.987605	13.16817
rhos = .6672385 .6672087 .6665685 .0841711 .6675756 ... .6672386						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation:  panel-specific AR(1)        avg =          3
                                                max =          3
Estimated covariances      =       340      R-squared          =       0.1385
Estimated autocorrelations =       340      Wald chi2(5)         =       89.92
Estimated coefficients     =        6       Prob > chi2          =       0.0000

```

WHPer	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.2598948	.2662828	-0.98	0.329	-.7817995	.2620099
magew	.0076412	.0047379	1.61	0.107	-.0016449	.0169273
avgcumdosew	.4946091	.0807462	6.13	0.000	.3363494	.6528687
HavKm	-.0001997	.000064	-3.12	0.002	-.0003251	-.0000742
ranown	.025896	.0096282	2.69	0.007	.0070251	.0447669
_cons	10.54673	1.681737	6.27	0.000	7.250584	13.84287
rhos = .6675008 .6674554 .6667194 .4207511 .6680573 ... .6675008						

```

Date and time: 28 Mar 2012    04:48:34
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

# female model for WHPer

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1089
Time variable:  wave                    Number of groups   =      363
Panels:         heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)      avg =              3
                                              max =              3

Estimated covariances      =      363      R-squared          =      0.1036
Estimated autocorrelations =      363      Wald chi2(1)        =      0.00
Estimated coefficients      =       2       Prob > chi2          =      1.0000

```

WHPer	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	7.26e-14	.3284328	0.00	1.000	-.6437164	.6437164
_cons	15.48898	.8419308	18.40	0.000	13.83883	17.13913
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1074
Time variable:  wave                    Number of groups   =      358
Panels:         heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)      avg =              3
                                              max =              3

Estimated covariances      =      358      R-squared          =      0.1322
Estimated autocorrelations =      358      Wald chi2(4)        =      51.74
Estimated coefficients      =       5       Prob > chi2          =      0.0000

```

WHPer	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.1076089	.0289312	3.72	0.000	.0509047	.1643131
avgcumdosew	.3587391	.2780023	1.29	0.197	-.1861355	.9036137
HavKm	-.0003009	.0000669	-4.50	0.000	-.000432	-.0001698
ranown	.0184712	.0089546	2.06	0.039	.0009204	.036022
_cons	13.14623	1.679526	7.83	0.000	9.85442	16.43804
rhos = .6518201 .5262665 .1790985 .5533169 .5053614 ... .5616088						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =      1074
Time variable:    wave                    Number of groups   =      358
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =        3
                                                max =        3
Estimated covariances      =      358      R-squared          =      0.1510
Estimated autocorrelations =      358      Wald chi2(5)       =      84.76
Estimated coefficients      =        6      Prob > chi2        =      0.0000

```

WHPer	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-2.264823	.4728366	-4.79	0.000	-3.191566	-1.33808
magew	.2334726	.0397729	5.87	0.000	.1555191	.311426
avgcumdosew	.7032247	.26407	2.66	0.008	.1856569	1.220792
HavKm	-.0002869	.0000731	-3.92	0.000	-.0004302	-.0001435
ranown	.0157054	.0095314	1.65	0.099	-.0029757	.0343865
_cons	13.09668	1.723839	7.60	0.000	9.718018	16.47534
rhos = .655635 .7023879 .666657 .6179709 .5557222 ... .62178						

```

Date and time: 28 Mar 2012    04:48:41
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

male model for WHPsleep

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =          3
                                                max =          3

Estimated covariances      =       340      R-squared         =       0.0662
Estimated autocorrelations =       340      Wald chi2(1)        =       0.00
Estimated coefficients     =        2       Prob > chi2         =       1.0000

```

WHPsleep	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	4.50e-14	.4840412	0.00	1.000	-.9487033	.9487033
_cons	17.29688	1.24083	13.94	0.000	14.8649	19.72886
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =          3
                                                max =          3

Estimated covariances      =       340      R-squared         =       0.1107
Estimated autocorrelations =       340      Wald chi2(4)        =       47.80
Estimated coefficients     =        5       Prob > chi2         =       0.0000

```

WHPsleep	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.014712	.0123125	1.19	0.232	-.00942	.038844
avgcumdosew	.7200091	.2736804	2.63	0.009	.1836054	1.256413
HavKm	-.0006744	.0001302	-5.18	0.000	-.0009296	-.0004192
ranown	.0191384	.0152515	1.25	0.210	-.0107539	.0490308
_cons	24.54865	3.169258	7.75	0.000	18.33701	30.76028
rhos = .6669536 .6669279 .6662658 .6669503 .6672823 ... .6669536						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    340      R-squared      =    0.1101
Estimated autocorrelations =    340      Wald chi2(5)     =    47.39
Estimated coefficients     =     6       Prob > chi2      =    0.0000

```

WHPsleep	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.4560227	.4992219	-0.91	0.361	-1.43448	.5224343
magew	.0175143	.0140726	1.24	0.213	-.0100674	.045096
avgcumdosew	.7797975	.2823896	2.76	0.006	.226324	1.333271
HavKm	-.0006689	.0001323	-5.06	0.000	-.0009282	-.0004097
ranown	.0188838	.015356	1.23	0.219	-.0112133	.048981
_cons	25.2868	3.291126	7.68	0.000	18.83631	31.73729
rhos = .6673147 .6672658 .6664925 .6673096 .6679019 ... .6673148						

```

Date and time: 28 Mar 2012 04:48:49
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for WHPsleep

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1089
Time variable:   wave              Number of groups =    363
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    363      R-squared      =    0.0952
Estimated autocorrelations =    363      Wald chi2(1)     =     0.00
Estimated coefficients     =     2       Prob > chi2      =    1.0000

```

WHPsleep	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>1.10e-13</b>	<b>.5831761</b>	<b>0.00</b>	<b>1.000</b>	<b>-1.143004</b>	<b>1.143004</b>
_cons	<b>26.24466</b>	<b>1.49496</b>	<b>17.56</b>	<b>0.000</b>	<b>23.31459</b>	<b>29.17472</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1074
Time variable:   wave                    Number of groups =      358
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      358      R-squared        =      0.1642
Estimated autocorrelations =      358      Wald chi2(4)       =      184.98
Estimated coefficients     =       5       Prob > chi2        =      0.0000

```

WHPsleep	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.4932049</b>	<b>.0446972</b>	<b>11.03</b>	<b>0.000</b>	<b>.4056</b>	<b>.5808098</b>
avgcumdosew	<b>.545269</b>	<b>.4315599</b>	<b>1.26</b>	<b>0.206</b>	<b>-.3005729</b>	<b>1.391111</b>
HavKm	<b>-.0005629</b>	<b>.0001091</b>	<b>-5.16</b>	<b>0.000</b>	<b>-.0007767</b>	<b>-.0003491</b>
ranown	<b>-.0095649</b>	<b>.0128924</b>	<b>-0.74</b>	<b>0.458</b>	<b>-.0348336</b>	<b>.0157038</b>
_cons	<b>15.88185</b>	<b>2.784359</b>	<b>5.70</b>	<b>0.000</b>	<b>10.42461</b>	<b>21.33909</b>
rhos = .4144609 .6181561 .599384 .4642887 .5782182 ... .4841355						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1074
Time variable:   wave                    Number of groups =      358
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      358      R-squared        =      0.2669
Estimated autocorrelations =      358      Wald chi2(5)       =      393.69
Estimated coefficients     =       6       Prob > chi2        =      0.0000

```

WHPsleep	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-8.41316	.7022378	-11.98	0.000	-9.789521	-7.036799
magew	.9164419	.0511391	17.92	0.000	.8162112	1.016673
avgcumdosew	1.658802	.4410328	3.76	0.000	.7943932	2.52321
HavKm	-.0005489	.0001088	-5.05	0.000	-.0007621	-.0003357
ranown	-.020263	.0137543	-1.47	0.141	-.047221	.006695
_cons	18.26421	2.72948	6.69	0.000	12.91453	23.61389
<hr/>						
rhos =	.54704	.6392559	.632778	.579548	.6099173 ...	.5902097

```

                                Date and time: 28 Mar 2012    04:48:56
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### male model for WHPsociso

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1020
Time variable:  wave                    Number of groups   =      340
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                              max =        3
Estimated covariances      =      340      R-squared          =      0.0261
Estimated autocorrelations =      340      Wald chi2(1)        =      0.00
Estimated coefficients      =        2      Prob > chi2          =      1.0000

```

WHPsociso	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	2.42e-14	.295226	0.00	1.000	-.5786323	.5786323
_cons	6.492824	.7568058	8.58	0.000	5.009511	7.976136
<hr/>						
rhos =	.6666667	.6666667	.6666667	.6666667	.6666667 ...	.6666667

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       340      R-squared          =       0.0538
Estimated autocorrelations =       340      Wald chi2(4)        =       30.25
Estimated coefficients     =         5      Prob > chi2         =       0.0000

```

WHPsociso	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0117345	.0042596	2.75	0.006	.0033858	.0200832
avgcumdosew	.2007875	.1370475	1.47	0.143	-.0678206	.4693956
HavKm	-.0001712	.0000724	-2.36	0.018	-.0003132	-.0000293
ranown	.0377013	.0105674	3.57	0.000	.0169896	.0584131
_cons	4.067938	1.534079	2.65	0.008	1.061198	7.074677
rhos = .6657637 .6657857 .6653248 .6657644 .666013 ... .6657636						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       340      R-squared          =       0.0544
Estimated autocorrelations =       340      Wald chi2(5)        =       31.98
Estimated coefficients     =         6      Prob > chi2         =       0.0000

```

WHPsociso	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.1998658	.3008122	-0.66	0.506	-.7894468	.3897152
magew	.0129585	.0046189	2.81	0.005	.0039057	.0220114
avgcumdosew	.2284929	.1377598	1.66	0.097	-.0415113	.4984971
HavKm	-.0001693	.0000725	-2.33	0.020	-.0003115	-.0000271
ranown	.037617	.0105847	3.55	0.000	.0168714	.0583626
_cons	4.392068	1.63431	2.69	0.007	1.188879	7.595256
rhos = .6661983 .6661868 .6656525 .6661964 .6666235 ... .6661983						

```

Date and time: 28 Mar 2012    04:49:03
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

# female model for WHPsociso

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1089
Time variable:  wave              Number of groups  =    363
Panels:         heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)      avg =    3
                                              max =    3

Estimated covariances      =    363      R-squared        =    0.0420
Estimated autocorrelations =    363      Wald chi2(1)       =    0.00
Estimated coefficients      =    2        Prob > chi2        =    1.0000

```

WHPsociso	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	4.95e-14	.3540396	0.00	1.000	-.6939048	.6939048
_cons	10.28085	.9075732	11.33	0.000	8.502043	12.05966
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1074
Time variable:  wave              Number of groups  =    358
Panels:         heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)      avg =    3
                                              max =    3

Estimated covariances      =    358      R-squared        =    0.0982
Estimated autocorrelations =    358      Wald chi2(4)     =   126.69
Estimated coefficients      =    5        Prob > chi2        =    0.0000

```

WHPsociso	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.2419883	.0301012	8.04	0.000	.182991	.3009857
avgcumdosew	.4549989	.2660787	1.71	0.087	-.0665057	.9765035
HavKm	-.0002959	.0000762	-3.88	0.000	-.0004452	-.0001466
ranown	.0168567	.0087391	1.93	0.054	-.0002715	.033985
_cons	2.384903	1.870992	1.27	0.202	-1.282175	6.05198
rhos = .5676907 .5949793 .6259486 .5806698 .5080043 ... .5861788						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =      1074
Time variable:    wave                    Number of groups   =      358
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)         avg =        3
                                                max =        3
Estimated covariances      =      358      R-squared          =      0.1494
Estimated autocorrelations =      358      Wald chi2(5)       =      205.48
Estimated coefficients      =        6      Prob > chi2        =      0.0000

```

WHPsociso	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-4.134381	.4511962	-9.16	0.000	-5.018709	-3.250053
magew	.4454496	.0358802	12.41	0.000	.3751256	.5157735
avgcumdosew	.910336	.29499	3.09	0.002	.3321662	1.488506
HavKm	-.0002647	.0000798	-3.32	0.001	-.0004211	-.0001083
ranown	.0089553	.0092834	0.96	0.335	-.0092398	.0271503
_cons	4.011912	1.903619	2.11	0.035	.2808879	7.742936
rhos = .6193274 .6305472 .6436145 .6258952 .5583889 ... .6285536						

```

Date and time: 28 Mar 2012    04:49:10
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

male model for WHPpain

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg =         3
                                                max =         3

Estimated covariances      =       340      R-squared          =       0.0529
Estimated autocorrelations =       340      Wald chi2(1)         =       0.00
Estimated coefficients     =         2      Prob > chi2          =       1.0000

```

WHPpain	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	3.75e-14	.3207553	0.00	1.000	-.6286689	.6286689
_cons	10.17965	.8222498	12.38	0.000	8.568067	11.79123
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg =         3
                                                max =         3

Estimated covariances      =       340      R-squared          =       0.1473
Estimated autocorrelations =       340      Wald chi2(4)         =       75.58
Estimated coefficients     =         5      Prob > chi2          =       0.0000

```

WHPpain	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	-.0022127	.0087809	-0.25	0.801	-.019423	.0149975
avgcumdosew	.4310227	.2083394	2.07	0.039	.022685	.8393605
HavKm	-.0007787	.0001009	-7.72	0.000	-.0009764	-.0005809
ranown	.0075389	.012782	0.59	0.555	-.0175134	.0325912
_cons	21.28017	2.606184	8.17	0.000	16.17214	26.3882
rhos = .668256 .6682264 .6673909 .6682521 .6686745 ... .6682565						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    340      R-squared      =    0.1474
Estimated autocorrelations =    340      Wald chi2(5)    =    75.41
Estimated coefficients     =     6       Prob > chi2     =    0.0000

```

WHPpain	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.1700335	.3239901	-0.52	0.600	-.8050424	.4649755
magew	-.0011779	.0095895	-0.12	0.902	-.0199729	.0176171
avgcumdosew	.4560564	.2178293	2.09	0.036	.0291188	.8829941
HavKm	-.0007769	.0001011	-7.68	0.000	-.000975	-.0005787
ranown	.0075085	.0128257	0.59	0.558	-.0176294	.0326465
_cons	21.54535	2.662935	8.09	0.000	16.3261	26.76461
rhos = .6684595 .6684179 .6674628 .6684546 .6691507 ... .6684602						

```

Date and time: 28 Mar 2012 04:49:17
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for WHPpain

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1089
Time variable:   wave              Number of groups =    363
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    363      R-squared      =    0.0867
Estimated autocorrelations =    363      Wald chi2(1)    =     0.00
Estimated coefficients     =     2       Prob > chi2     =    1.0000

```

WHPpain	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>9.04e-14</b>	<b>.4213279</b>	<b>0.00</b>	<b>1.000</b>	<b>-.8257874</b>	<b>.8257874</b>
_cons	<b>18.01157</b>	<b>1.080065</b>	<b>16.68</b>	<b>0.000</b>	<b>15.89468</b>	<b>20.12846</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs   =    1074
Time variable:  wave                    Number of groups =    358
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg           =     3
                                              max           =     3
Estimated covariances      =    358        R-squared       =    0.1580
Estimated autocorrelations =    358        Wald chi2(4)      =    184.66
Estimated coefficients     =     5          Prob > chi2       =    0.0000

```

WHPpain	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.3499932</b>	<b>.0344744</b>	<b>10.15</b>	<b>0.000</b>	<b>.2824247</b>	<b>.4175617</b>
avgcumdosew	<b>.1804089</b>	<b>.4617941</b>	<b>0.39</b>	<b>0.696</b>	<b>-.7246909</b>	<b>1.085509</b>
HavKm	<b>-.0003789</b>	<b>.0000756</b>	<b>-5.01</b>	<b>0.000</b>	<b>-.0005271</b>	<b>-.0002308</b>
ranown	<b>.0321221</b>	<b>.008925</b>	<b>3.60</b>	<b>0.000</b>	<b>.0146295</b>	<b>.0496148</b>
_cons	<b>5.715902</b>	<b>1.938191</b>	<b>2.95</b>	<b>0.003</b>	<b>1.917117</b>	<b>9.514687</b>
rhos = .600917 .6405362 .6338697 .607855 .5706515 ... .6108864						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs   =    1074
Time variable:  wave                    Number of groups =    358
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg           =     3
                                              max           =     3
Estimated covariances      =    358        R-squared       =    0.2582
Estimated autocorrelations =    358        Wald chi2(5)      =    359.98
Estimated coefficients     =     6          Prob > chi2       =    0.0000

```

WHPpain	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-5.961488	.5451653	-10.94	0.000	-7.029992	-4.892983
magew	.6511539	.0424537	15.34	0.000	.5679462	.7343615
avgcumdosew	1.141051	.4426512	2.58	0.010	.2734702	2.008631
HavKm	-.0003716	.000077	-4.82	0.000	-.0005226	-.0002206
ranown	.0252454	.0096129	2.63	0.009	.0064045	.0440864
_cons	7.242235	2.022712	3.58	0.000	3.277791	11.20668
rhos = .6318148 .6908766 .6465903 .6355051 .6050926 ... .6370763						

```

                                Date and time:  28 Mar 2012    04:49:25
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file:  ch3wMaster27mar2012.d
> ta
                                Stata version:  12.1
                                Operating system: MacOSX  10.6.8  on
> Macintosh (Intel 64-bit)  with  4  processors
                                using 33554432 bytes of memory

```

#### male model for WHPpa

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1020
Time variable:  wave                      Number of groups    =      340
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                                max =        3
Estimated covariances      =      340      R-squared          =      0.0591
Estimated autocorrelations =      340      Wald chi2(1)        =      0.00
Estimated coefficients     =        2      Prob > chi2          =      1.0000

```

WHPpa	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	2.73e-14	.2838048	0.00	1.000	-.5562472	.5562472
_cons	9.548588	.7275279	13.12	0.000	8.12266	10.97452
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       340      R-squared          =       0.0992
Estimated autocorrelations =       340      Wald chi2(4)        =       38.55
Estimated coefficients     =         5      Prob > chi2         =       0.0000

```

WHPpa	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0136319	.0092929	1.47	0.142	-.0045819	.0318457
avgcumdosew	-.0789397	.1606113	-0.49	0.623	-.3937321	.2358528
HavKm	-.0004633	.0000814	-5.69	0.000	-.0006229	-.0003038
ranown	.0018949	.0110857	0.17	0.864	-.0198327	.0236224
_cons	16.22012	2.240844	7.24	0.000	11.82815	20.6121
rhos = .6652783 .6653197 .6654086 .6652816 .6701582 ... .665278						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       340      R-squared          =       0.0991
Estimated autocorrelations =       340      Wald chi2(5)        =       38.32
Estimated coefficients     =         6      Prob > chi2         =       0.0000

```

WHPpa	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0943921	.2965124	-0.32	0.750	-.6755458	.4867616
magew	.0142042	.0099276	1.43	0.152	-.0052534	.0336619
avgcumdosew	-.0654486	.1639261	-0.40	0.690	-.3867378	.2558406
HavKm	-.0004626	.0000815	-5.68	0.000	-.0006223	-.0003029
ranown	.0018799	.0112469	0.17	0.867	-.0201636	.0239233
_cons	16.36998	2.293661	7.14	0.000	11.87448	20.86547
rhos = .6653424 .6653812 .6654696 .6653455 .6705635 ... .6653421						

```

Date and time: 28 Mar 2012    04:49:32
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

### female model for WHPpa

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1089
Time variable:  wave              Number of groups  =    363
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    363      R-squared        =    0.0977
Estimated autocorrelations =    363      Wald chi2(1)       =    0.00
Estimated coefficients      =     2      Prob > chi2        =    1.0000

```

WHPpa	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	7.46e-14	.4044208	0.00	1.000	-.7926502	.7926502
_cons	18.46551	1.036725	17.81	0.000	16.43357	20.49745
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1074
Time variable:  wave              Number of groups  =    358
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    358      R-squared        =    0.2470
Estimated autocorrelations =    358      Wald chi2(4)     =   296.23
Estimated coefficients      =     5      Prob > chi2      =    0.0000

```

WHPpa	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.4611847	.0312414	14.76	0.000	.3999526	.5224168
avgcumdosew	.0168585	.313469	0.05	0.957	-.5975294	.6312463
HavKm	-.0004152	.0000699	-5.94	0.000	-.0005522	-.0002783
ranown	-.0279967	.0083604	-3.35	0.001	-.0443828	-.0116105
_cons	10.46609	1.92211	5.45	0.000	6.698819	14.23335
rhos = .579788 .3851414 .6245765 .590599 .5239928 ... .460413						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =      1074
Time variable:    wave                    Number of groups   =      358
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)         avg =        3
                                                max =        3

Estimated covariances      =      358      R-squared          =      0.3246
Estimated autocorrelations =      358      Wald chi2(5)        =      538.68
Estimated coefficients     =        6      Prob > chi2         =      0.0000

```

WHPpa	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-6.960254	.489728	-14.21	0.000	-7.920104	-6.000405
magew	.7800144	.0395309	19.73	0.000	.7025352	.8574936
avgcumdosew	.9487973	.2463051	3.85	0.000	.4660482	1.431546
HavKm	-.0003888	.0000679	-5.72	0.000	-.000522	-.0002556
ranown	-.033333	.0088492	-3.77	0.000	-.0506771	-.015989
_cons	12.49607	1.943221	6.43	0.000	8.687422	16.30471
rhos = .6217589 .5475697 .6419148 .627541 .5715982 ... .7063396						

```
26 .
27 .
28 . subtitle "Nottingham Part II tests"
```

---

```
                                Date and time: 28 Mar 2012    04:49:39
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory
```

---

### **Nottingham Part II tests**

---

```
29 .
30 .
31 . foreach dvar in HP2work HP2hmcare HP2probsoc HP2pbfhm HP2sxlife HP2inthob HP
> 2vacatn {
    2. subtitle "male model for `dvar'"
    3. xtpcse `dvar' wave if gender==1, hetonly corr(psar1) rhotype(tscorr)
    4. xtpcse `dvar' mage avgcumdosew HavKm ranown if gender==1, hetonly corr(ps
> ar1) rhotype(tscorr) nmk
    5. xtpcse `dvar' wave mage avgcumdosew HavKm ranown if gender==1, hetonly co
> rr(psar1) rhotype(tscorr) nmk
    6.
32 .
33 . subtitle "female model for `dvar'"
    7. xtpcse `dvar' wave if gender==2, hetonly corr(psar1) rhotype(tscorr)
    8. xtpcse `dvar' wave mage avgcumdosew HavKm ranown if gender==2, hetonly co
> rr(psar1) rhotype(tscorr) nmk
    9. xtpcse `dvar' wave mage avgcumdosew HavKm ranown if gender==2, hetonly co
> rr(psar1) rhotype(tscorr) nmk
    10. }
```

---

```
                                Date and time: 28 Mar 2012    04:49:39
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory
```

---

### **male model for HP2work**

---

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1020
Time variable:    wave                    Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg              =         3
                                                max              =         3

Estimated covariances      =       340      R-squared          =       0.0364
Estimated autocorrelations =       340      Wald chi2(1)        =       0.00
Estimated coefficients      =         2      Prob > chi2         =       1.0000

```

HP2work	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>8.74e-16</b>	<b>.0078952</b>	<b>0.00</b>	<b>1.000</b>	<b>-.0154744</b>	<b>.0154744</b>
_cons	<b>.2058824</b>	<b>.0202393</b>	<b>10.17</b>	<b>0.000</b>	<b>.1662141</b>	<b>.2455506</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1020
Time variable:    wave                    Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg              =         3
                                                max              =         3

Estimated covariances      =       340      R-squared          =       0.0519
Estimated autocorrelations =       340      Wald chi2(4)        =       19.55
Estimated coefficients      =         5      Prob > chi2         =       0.0006

```

HP2work	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.0004389</b>	<b>.0001531</b>	<b>2.87</b>	<b>0.004</b>	<b>.0001388</b>	<b>.0007391</b>
avgcumdosew	<b>.0022809</b>	<b>.0053025</b>	<b>0.43</b>	<b>0.667</b>	<b>-.0081118</b>	<b>.0126735</b>
HavKm	<b>-4.99e-06</b>	<b>2.21e-06</b>	<b>-2.25</b>	<b>0.024</b>	<b>-9.33e-06</b>	<b>-6.49e-07</b>
ranown	<b>.000515</b>	<b>.0002591</b>	<b>1.99</b>	<b>0.047</b>	<b>7.07e-06</b>	<b>.0010229</b>
_cons	<b>.2053998</b>	<b>.0510453</b>	<b>4.02</b>	<b>0.000</b>	<b>.1053529</b>	<b>.3054467</b>
rhos = .6651908 .665243 .6650277 .6651943 .6653281 ... .6651906						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    340      R-squared      =    0.0524
Estimated autocorrelations =    340      Wald chi2(5)    =    18.91
Estimated coefficients     =     6       Prob > chi2     =    0.0020

```

HP2work	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.005174	.0082045	-0.63	0.528	-.0212546	.0109066
magew	.0004706	.0001691	2.78	0.005	.0001391	.000802
avgcumdosew	.0030182	.0055602	0.54	0.587	-.0078796	.0139159
HavKm	-4.94e-06	2.22e-06	-2.23	0.026	-9.28e-06	-5.93e-07
ranown	.000513	.0002595	1.98	0.048	4.47e-06	.0010215
_cons	.2137563	.053027	4.03	0.000	.1098252	.3176874
rhos = .6654911 .6655209 .6652777 .6654928 .6656905 ... .665491						

```

Date and time: 28 Mar 2012 04:49:47
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for HP2work

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1089
Time variable:   wave              Number of groups =    363
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    363      R-squared      =    0.0477
Estimated autocorrelations =    363      Wald chi2(1)    =     0.00
Estimated coefficients     =     2       Prob > chi2     =    1.0000

```

HP2work	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>1.44e-15</b>	<b>.0082493</b>	<b>0.00</b>	<b>1.000</b>	<b>-.0161683</b>	<b>.0161683</b>
_cons	<b>.2561983</b>	<b>.0211468</b>	<b>12.12</b>	<b>0.000</b>	<b>.2147513</b>	<b>.2976454</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =   1074
Time variable:   wave                    Number of groups =   358
Panels:          heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)        avg          =    3
                                                max          =    3
Estimated covariances      =   358          R-squared       =   0.1277
Estimated autocorrelations =   358          Wald chi2(5)      =   211.06
Estimated coefficients     =    6           Prob > chi2       =   0.0000

```

HP2work	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>-.1018459</b>	<b>.0106818</b>	<b>-9.53</b>	<b>0.000</b>	<b>-.1227819</b>	<b>-.0809099</b>
magew	<b>.0109493</b>	<b>.0008114</b>	<b>13.49</b>	<b>0.000</b>	<b>.0093589</b>	<b>.0125397</b>
avgcumdosew	<b>.022888</b>	<b>.0095478</b>	<b>2.40</b>	<b>0.017</b>	<b>.0041746</b>	<b>.0416013</b>
HavKm	<b>-1.01e-06</b>	<b>1.42e-06</b>	<b>-0.71</b>	<b>0.476</b>	<b>-3.79e-06</b>	<b>1.77e-06</b>
ranown	<b>.0001315</b>	<b>.0001796</b>	<b>0.73</b>	<b>0.464</b>	<b>-.0002205</b>	<b>.0004835</b>
_cons	<b>.0331993</b>	<b>.0326944</b>	<b>1.02</b>	<b>0.310</b>	<b>-.0308805</b>	<b>.0972792</b>
rhos = .6285109 .6753206 .6371871 .6329333 .5681774 ... .6347874						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =   1074
Time variable:   wave                    Number of groups =   358
Panels:          heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)        avg          =    3
                                                max          =    3
Estimated covariances      =   358          R-squared       =   0.1277
Estimated autocorrelations =   358          Wald chi2(5)      =   211.06
Estimated coefficients     =    6           Prob > chi2       =   0.0000

```

HP2work	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.1018459	.0106818	-9.53	0.000	-.1227819	-.0809099
magew	.0109493	.0008114	13.49	0.000	.0093589	.0125397
avgcumdosew	.022888	.0095478	2.40	0.017	.0041746	.0416013
HavKm	-1.01e-06	1.42e-06	-0.71	0.476	-3.79e-06	1.77e-06
ranown	.0001315	.0001796	0.73	0.464	-.0002205	.0004835
_cons	.0331993	.0326944	1.02	0.310	-.0308805	.0972792
rhos = .6285109 .6753206 .6371871 .6329333 .5681774 ... .6347874						

```

                                Date and time: 28 Mar 2012    04:49:54
                                Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### male model for HP2hmcare

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs      =      1020
Time variable:   wave                     Number of groups   =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                                max =        3
Estimated covariances      =      340      R-squared          =      0.0364
Estimated autocorrelations =      340      Wald chi2(1)       =      0.00
Estimated coefficients     =        2      Prob > chi2        =      1.0000

```

HP2hmcare	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	8.74e-16	.0078952	0.00	1.000	-.0154744	.0154744
_cons	.2058824	.0202393	10.17	0.000	.1662141	.2455506
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3

Estimated covariances      =    340          R-squared      =    0.0437
Estimated autocorrelations =    340          Wald chi2(4)     =    10.03
Estimated coefficients     =     5           Prob > chi2      =    0.0400

```

HP2hmcare	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.000566	.0002092	2.71	0.007	.000156	.0009761
avgcumdosew	.0008397	.0043974	0.19	0.849	-.0077791	.0094585
HavKm	-3.01e-06	2.21e-06	-1.36	0.173	-7.34e-06	1.32e-06
ranown	-.0001861	.0002831	-0.66	0.511	-.0007409	.0003687
_cons	.2563115	.0572638	4.48	0.000	.1440766	.3685464
rhos = .6646242 .6647176 .6645879 .664631 .6647123 ... .6646241						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3

Estimated covariances      =    340          R-squared      =    0.0443
Estimated autocorrelations =    340          Wald chi2(5)     =     9.36
Estimated coefficients     =     6           Prob > chi2      =    0.0954

```

HP2hmcare	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0057405	.0082545	-0.70	0.487	-.0219191	.0104381
magew	.0006011	.0002328	2.58	0.010	.0001449	.0010573
avgcumdosew	.0016547	.0045687	0.36	0.717	-.0072998	.0106092
HavKm	-2.96e-06	2.21e-06	-1.34	0.181	-7.29e-06	1.38e-06
ranown	-.0001877	.0002833	-0.66	0.508	-.000743	.0003675
_cons	.2655476	.058982	4.50	0.000	.149945	.3811502
rhos = .6649566 .6650227 .6648791 .6649613 .6650746 ... .6649565						

```

Date and time: 28 Mar 2012 04:50:01
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for HP2hmcare

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs      =    1089
Time variable:  wave              Number of groups   =    363
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3

Estimated covariances      =    363      R-squared          =    0.0710
Estimated autocorrelations =    363      Wald chi2(1)        =    0.00
Estimated coefficients      =     2       Prob > chi2          =    1.0000

```

HP2hmcare	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	1.75e-15	.0089792	0.00	1.000	-.0175988	.0175988
_cons	.3443526	.0230179	14.96	0.000	.2992384	.3894669
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs      =    1074
Time variable:  wave              Number of groups   =    358
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3

Estimated covariances      =    358      R-squared          =    0.1598
Estimated autocorrelations =    358      Wald chi2(5)        =   252.88
Estimated coefficients      =     6       Prob > chi2          =    0.0000

```

HP2hmcare	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.1157366	.0115929	-9.98	0.000	-.1384582	-.093015
magew	.0146442	.0009543	15.35	0.000	.0127738	.0165146
avgcumdosew	-.0166904	.0059956	-2.78	0.005	-.0284415	-.0049393
HavKm	2.91e-06	1.54e-06	1.89	0.058	-1.04e-07	5.93e-06
ranown	-.0000967	.0002059	-0.47	0.639	-.0005001	.0003068
_cons	.0049952	.039502	0.13	0.899	-.0724272	.0824177
rhos = .6259586 .6813874 .6800773 .6304364 .5741426 ... .6323316						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:      id                      Number of obs      =      1074
Time variable:      wave                    Number of groups   =      358
Panels:              heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation:    panel-specific AR(1)         avg               =       3
                                                max               =       3

Estimated covariances      =      358          R-squared          =      0.1598
Estimated autocorrelations =      358          Wald chi2(5)         =      252.88
Estimated coefficients      =       6           Prob > chi2          =      0.0000

```

HP2hmcare	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.1157366	.0115929	-9.98	0.000	-.1384582	-.093015
magew	.0146442	.0009543	15.35	0.000	.0127738	.0165146
avgcumdosew	-.0166904	.0059956	-2.78	0.005	-.0284415	-.0049393
HavKm	2.91e-06	1.54e-06	1.89	0.058	-1.04e-07	5.93e-06
ranown	-.0000967	.0002059	-0.47	0.639	-.0005001	.0003068
_cons	.0049952	.039502	0.13	0.899	-.0724272	.0824177
rhos = .6259586 .6813874 .6800773 .6304364 .5741426 ... .6323316						

```

Date and time:  28 Mar 2012    04:50:09
Working directory:  /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file:  ch3wMaster27mar2012.d
> ta

Stata version:  12.1
Operating system:  MacOSX  10.6.8  on
> Macintosh (Intel 64-bit)  with  4  processors
using  33554432 bytes of memory

```

# male model for HP2probsoc

Prais-Winsten regression, heteroskedastic panels corrected standard errors

Group variable: **id** Number of obs = **1020**  
Time variable: **wave** Number of groups = **340**  
Panels: **heteroskedastic (balanced)** Obs per group: min = **3**  
Autocorrelation: **panel-specific AR(1)** avg = **3**  
max = **3**  
Estimated covariances = **340** R-squared = **0.0196**  
Estimated autocorrelations = **340** Wald chi2(1) = **0.00**  
Estimated coefficients = **2** Prob > chi2 = **1.0000**

HP2probsoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>5.17e-16</b>	<b>.0063586</b>	<b>0.00</b>	<b>1.000</b>	<b>-.0124626</b>	<b>.0124626</b>
_cons	<b>.1205882</b>	<b>.0163001</b>	<b>7.40</b>	<b>0.000</b>	<b>.0886406</b>	<b>.1525359</b>
rhos = <b>.6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667</b>						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

Group variable: **id** Number of obs = **1020**  
Time variable: **wave** Number of groups = **340**  
Panels: **heteroskedastic (balanced)** Obs per group: min = **3**  
Autocorrelation: **panel-specific AR(1)** avg = **3**  
max = **3**  
Estimated covariances = **340** R-squared = **0.0336**  
Estimated autocorrelations = **340** Wald chi2(4) = **13.19**  
Estimated coefficients = **5** Prob > chi2 = **0.0104**

HP2probsoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.0003947</b>	<b>.0001634</b>	<b>2.42</b>	<b>0.016</b>	<b>.0000745</b>	<b>.0007149</b>
avgcumdosew	<b>.0083538</b>	<b>.0049697</b>	<b>1.68</b>	<b>0.093</b>	<b>-.0013867</b>	<b>.0180944</b>
HavKm	<b>-1.82e-06</b>	<b>1.73e-06</b>	<b>-1.05</b>	<b>0.293</b>	<b>-5.21e-06</b>	<b>1.57e-06</b>
ranown	<b>.0002892</b>	<b>.0002263</b>	<b>1.28</b>	<b>0.201</b>	<b>-.0001544</b>	<b>.0007329</b>
_cons	<b>.0939114</b>	<b>.0439366</b>	<b>2.14</b>	<b>0.033</b>	<b>.0077972</b>	<b>.1800256</b>
rhos = <b>.6647116 .6648647 .6638524 .6647214 .6649863 ... .6647114</b>						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =           3
                                              max =           3

Estimated covariances      =    340      R-squared        =    0.0354
Estimated autocorrelations =    340      Wald chi2(5)       =    12.60
Estimated coefficients     =     6       Prob > chi2        =    0.0274

```

HP2probsoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0074604	.0068037	-1.10	0.273	-.0207954	.0058746
magew	.0004404	.0001901	2.32	0.020	.0000679	.0008129
avgcumdosew	.0094567	.0051147	1.85	0.064	-.0005679	.0194813
HavKm	-1.74e-06	1.73e-06	-1.00	0.316	-5.14e-06	1.66e-06
ranown	.0002851	.0002265	1.26	0.208	-.0001589	.0007291
_cons	.1063293	.0453329	2.35	0.019	.0174785	.1951802

rhos = .6664238 .6663756 .6651029 .6664176 .6673931 ... .6664238

```

Date and time: 28 Mar 2012 04:50:16
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for HP2probsoc

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1089
Time variable:   wave                    Number of groups =    363
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =           3
                                              max =           3

Estimated covariances      =    363      R-squared        =    0.0359
Estimated autocorrelations =    363      Wald chi2(1)       =     0.00
Estimated coefficients     =     2       Prob > chi2        =    1.0000

```

HP2probsoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>1.12e-15</b>	<b>.007613</b>	<b>0.00</b>	<b>1.000</b>	<b>-.0149212</b>	<b>.0149212</b>
_cons	<b>.2038567</b>	<b>.0195158</b>	<b>10.45</b>	<b>0.000</b>	<b>.1656064</b>	<b>.2421071</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1074
Time variable:   wave                    Number of groups =      358
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)      avg           =       3
                                                max           =       3
Estimated covariances      =      358      R-squared        =      0.3083
Estimated autocorrelations =      358      Wald chi2(5)       =      337.20
Estimated coefficients     =       6       Prob > chi2        =      0.0000

```

HP2probsoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>-.1292075</b>	<b>.0101181</b>	<b>-12.77</b>	<b>0.000</b>	<b>-.1490386</b>	<b>-.1093765</b>
magew	<b>.0122356</b>	<b>.0008997</b>	<b>13.60</b>	<b>0.000</b>	<b>.0104723</b>	<b>.0139989</b>
avgcumdosew	<b>.061142</b>	<b>.0078924</b>	<b>7.75</b>	<b>0.000</b>	<b>.0456731</b>	<b>.0766108</b>
HavKm	<b>-3.37e-06</b>	<b>1.09e-06</b>	<b>-3.08</b>	<b>0.002</b>	<b>-5.51e-06</b>	<b>-1.22e-06</b>
ranown	<b>.0003975</b>	<b>.0001647</b>	<b>2.41</b>	<b>0.016</b>	<b>.0000747</b>	<b>.0007203</b>
_cons	<b>-.0301547</b>	<b>.0317452</b>	<b>-0.95</b>	<b>0.342</b>	<b>-.0923742</b>	<b>.0320648</b>
rhos = .5935903 .6147799 .6296261 .6087835 -.382664 ... .6143019						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1074
Time variable:   wave                    Number of groups =      358
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)      avg           =       3
                                                max           =       3
Estimated covariances      =      358      R-squared        =      0.3083
Estimated autocorrelations =      358      Wald chi2(5)       =      337.20
Estimated coefficients     =       6       Prob > chi2        =      0.0000

```

HP2probsoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.1292075	.0101181	-12.77	0.000	-.1490386	-.1093765
magew	.0122356	.0008997	13.60	0.000	.0104723	.0139989
avgcumdosew	.061142	.0078924	7.75	0.000	.0456731	.0766108
HavKm	-3.37e-06	1.09e-06	-3.08	0.002	-5.51e-06	-1.22e-06
ranown	.0003975	.0001647	2.41	0.016	.0000747	.0007203
_cons	-.0301547	.0317452	-0.95	0.342	-.0923742	.0320648
rhos = .5935903 .6147799 .6296261 .6087835 -.382664 ... .6143019						

```

                                Date and time: 28 Mar 2012    04:50:23
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### male model for HP2pbfhm

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs      =      1020
Time variable:   wave                     Number of groups   =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                                max =        3
Estimated covariances      =      340      R-squared          =      0.0100
Estimated autocorrelations =      340      Wald chi2(1)       =      0.00
Estimated coefficients      =        2      Prob > chi2        =      1.0000

```

HP2pbfhm	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	2.34e-16	.0048035	0.00	1.000	-.0094147	.0094147
_cons	.0647059	.0123137	5.25	0.000	.0405715	.0888403
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       340      R-squared          =       0.0124
Estimated autocorrelations =       340      Wald chi2(4)        =       17.08
Estimated coefficients     =         5      Prob > chi2         =       0.0019

```

HP2pbfhm	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0002269	.0000971	2.34	0.019	.0000365	.0004172
avgcumdosew	-.0024657	.0006907	-3.57	0.000	-.0038195	-.0011119
HavKm	1.35e-08	1.32e-06	0.01	0.992	-2.57e-06	2.59e-06
ranown	-.0000737	.0001755	-0.42	0.675	-.0004177	.0002704
_cons	.067601	.0337736	2.00	0.045	.0014059	.133796
rhos = .663525 .6637021 .6640289 .6635391 .6632649 ... .663525						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       340      R-squared          =       0.0125
Estimated autocorrelations =       340      Wald chi2(5)        =       18.32
Estimated coefficients     =         6      Prob > chi2         =       0.0026

```

HP2pbfhm	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0010435	.0049064	-0.21	0.832	-.01066	.0085729
magew	.0002333	.0001004	2.32	0.020	.0000365	.0004301
avgcumdosew	-.0023589	.0006161	-3.83	0.000	-.0035665	-.0011514
HavKm	2.04e-08	1.32e-06	0.02	0.988	-2.56e-06	2.60e-06
ranown	-.0000735	.0001756	-0.42	0.676	-.0004176	.0002707
_cons	.0692806	.0349416	1.98	0.047	.0007963	.1377648
rhos = .6636668 .663834 .6641819 .6636803 .663343 ... .6636668						

```

                                Date and time: 28 Mar 2012    04:50:30
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### female model for HP2pbfhm

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1089
Time variable:   wave                     Number of groups =    363
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =           3
                                                max =           3
Estimated covariances      =    363      R-squared        =    0.0212
Estimated autocorrelations =    363      Wald chi2(1)       =    0.00
Estimated coefficients      =     2       Prob > chi2        =    1.0000

```

HP2pbfhm	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	6.70e-16	.0063443	0.00	1.000	-.0124346	.0124346
_cons	.1294766	.0162635	7.96	0.000	.0976007	.1613525
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1074
Time variable:   wave                     Number of groups =    358
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =           3
                                                max =           3
Estimated covariances      =    358      R-squared        =    0.0662
Estimated autocorrelations =    358      Wald chi2(5)     =    78.14
Estimated coefficients      =     6       Prob > chi2       =    0.0000

```

HP2pbfhm	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0568786	.0090637	-6.28	0.000	-.0746431	-.039114
magew	.0064422	.000773	8.33	0.000	.0049271	.0079573
avgcumdosew	.0064347	.0070971	0.91	0.365	-.0074753	.0203447
HavKm	-9.42e-07	1.06e-06	-0.89	0.373	-3.01e-06	1.13e-06
ranown	-.0001328	.0001204	-1.10	0.270	-.0003689	.0001033
_cons	.0278693	.0271819	1.03	0.305	-.0254063	.0811449
rhos = .61413 .6714019 .6301375 .6217945 .4851327 ... .6248632						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:      id                      Number of obs      =      1074
Time variable:      wave                    Number of groups   =      358
Panels:              heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation:    panel-specific AR(1)         avg              =       3
                                                max              =       3

Estimated covariances      =      358          R-squared          =      0.0662
Estimated autocorrelations =      358          Wald chi2(5)        =      78.14
Estimated coefficients      =       6           Prob > chi2          =      0.0000

```

HP2pbfhm	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0568786	.0090637	-6.28	0.000	-.0746431	-.039114
magew	.0064422	.000773	8.33	0.000	.0049271	.0079573
avgcumdosew	.0064347	.0070971	0.91	0.365	-.0074753	.0203447
HavKm	-9.42e-07	1.06e-06	-0.89	0.373	-3.01e-06	1.13e-06
ranown	-.0001328	.0001204	-1.10	0.270	-.0003689	.0001033
_cons	.0278693	.0271819	1.03	0.305	-.0254063	.0811449
rhos = .61413 .6714019 .6301375 .6217945 .4851327 ... .6248632						

```

Date and time:  28 Mar 2012    04:50:37
Working directory:  /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file:  ch3wMaster27mar2012.d
> ta

Stata version:  12.1
Operating system:  MacOSX  10.6.8  on
> Macintosh (Intel 64-bit)  with  4  processors
using  33554432 bytes of memory

```

# male model for HP2sxlife

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =       1020
Time variable:   wave              Number of groups =       340
Panels:          heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                                max =        3

Estimated covariances   =       340      R-squared       =       0.0357
Estimated autocorrelations =       340      Wald chi2(1)      =       0.00
Estimated coefficients   =        2        Prob > chi2     =       1.0000
  
```

HP2sxlife	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>8.95e-16</b>	<b>.0078531</b>	<b>0.00</b>	<b>1.000</b>	<b>-.0153919</b>	<b>.0153919</b>
_cons	<b>.2029412</b>	<b>.0201313</b>	<b>10.08</b>	<b>0.000</b>	<b>.1634845</b>	<b>.2423979</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =       1020
Time variable:   wave              Number of groups =       340
Panels:          heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                                max =        3

Estimated covariances   =       340      R-squared       =       0.0769
Estimated autocorrelations =       340      Wald chi2(4)      =       29.25
Estimated coefficients   =        5        Prob > chi2     =       0.0000
  
```

HP2sxlife	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.0006856</b>	<b>.0002844</b>	<b>2.41</b>	<b>0.016</b>	<b>.0001281</b>	<b>.0012431</b>
avgcumdosew	<b>.0121712</b>	<b>.0075492</b>	<b>1.61</b>	<b>0.107</b>	<b>-.0026249</b>	<b>.0269673</b>
HavKm	<b>-9.64e-06</b>	<b>2.29e-06</b>	<b>-4.21</b>	<b>0.000</b>	<b>-.0000141</b>	<b>-5.15e-06</b>
ranown	<b>-.0000359</b>	<b>.0002829</b>	<b>-0.13</b>	<b>0.899</b>	<b>-.0005904</b>	<b>.0005186</b>
_cons	<b>.3269785</b>	<b>.0572757</b>	<b>5.71</b>	<b>0.000</b>	<b>.2147203</b>	<b>.4392368</b>
rhos = .6639659 .6641978 .6632739 .6639821 .664266 ... .663965						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =           3
                                              max =           3

Estimated covariances      =    340      R-squared        =    0.0798
Estimated autocorrelations =    340      Wald chi2(5)       =    27.79
Estimated coefficients     =     6       Prob > chi2        =    0.0000

```

HP2sxlife	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0118549	.0086471	-1.37	0.170	-.0288028	.005093
magew	.000758	.0003334	2.27	0.023	.0001045	.0014116
avgcumdosew	.0137805	.0078237	1.76	0.078	-.0015536	.0291146
HavKm	-9.49e-06	2.29e-06	-4.15	0.000	-.000014	-5.01e-06
ranown	-.0000383	.0002832	-0.14	0.892	-.0005934	.0005168
_cons	.3458028	.0585305	5.91	0.000	.2310852	.4605204

rhos = .6657406 .6657439 .6646186 .6657386 .6666223 ... .6657404

```

Date and time: 28 Mar 2012 04:50:44
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for HP2sxlife

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1089
Time variable:   wave                    Number of groups =    363
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =           3
                                              max =           3

Estimated covariances      =    363      R-squared        =    0.0484
Estimated autocorrelations =    363      Wald chi2(1)       =     0.00
Estimated coefficients     =     2       Prob > chi2        =    1.0000

```

HP2sxlife	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>1.46e-15</b>	<b>.0082781</b>	<b>0.00</b>	<b>1.000</b>	<b>-.0162248</b>	<b>.0162248</b>
_cons	<b>.2589532</b>	<b>.0212208</b>	<b>12.20</b>	<b>0.000</b>	<b>.2173611</b>	<b>.3005452</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =   1074
Time variable:   wave                    Number of groups =   358
Panels:          heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)        avg          =    3
                                                max          =    3
Estimated covariances      =   358          R-squared       =   0.2321
Estimated autocorrelations =   358          Wald chi2(5)      =   353.42
Estimated coefficients     =    6           Prob > chi2       =   0.0000

```

HP2sxlife	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>-.1283298</b>	<b>.0106123</b>	<b>-12.09</b>	<b>0.000</b>	<b>-.1491296</b>	<b>-.1075301</b>
magew	<b>.0132207</b>	<b>.0008929</b>	<b>14.81</b>	<b>0.000</b>	<b>.0114706</b>	<b>.0149707</b>
avgcumdosew	<b>.0400088</b>	<b>.0079622</b>	<b>5.02</b>	<b>0.000</b>	<b>.0244032</b>	<b>.0556143</b>
HavKm	<b>-6.32e-06</b>	<b>1.38e-06</b>	<b>-4.59</b>	<b>0.000</b>	<b>-9.02e-06</b>	<b>-3.62e-06</b>
ranown	<b>.0007299</b>	<b>.0001988</b>	<b>3.67</b>	<b>0.000</b>	<b>.0003403</b>	<b>.0011194</b>
_cons	<b>-.0014879</b>	<b>.0395956</b>	<b>-0.04</b>	<b>0.970</b>	<b>-.0790939</b>	<b>.0761181</b>
rhos = .6753919 .6766414 .6379276 .6143097 .3961528 ... .6186333						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =   1074
Time variable:   wave                    Number of groups =   358
Panels:          heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)        avg          =    3
                                                max          =    3
Estimated covariances      =   358          R-squared       =   0.2321
Estimated autocorrelations =   358          Wald chi2(5)      =   353.42
Estimated coefficients     =    6           Prob > chi2       =   0.0000

```

HP2sxlife	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.1283298	.0106123	-12.09	0.000	-.1491296	-.1075301
magew	.0132207	.0008929	14.81	0.000	.0114706	.0149707
avgcumdosew	.0400088	.0079622	5.02	0.000	.0244032	.0556143
HavKm	-6.32e-06	1.38e-06	-4.59	0.000	-9.02e-06	-3.62e-06
ranown	.0007299	.0001988	3.67	0.000	.0003403	.0011194
_cons	-.0014879	.0395956	-0.04	0.970	-.0790939	.0761181
rhos = .6753919 .6766414 .6379276 .6143097 .3961528 ... .6186333						

```

                                Date and time: 28 Mar 2012    04:50:52
                                Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### male model for HP2inthob

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1020
Time variable:   wave                     Number of groups =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)      avg =       3
                                                max =       3
Estimated covariances      =      340      R-squared        =      0.0180
Estimated autocorrelations =      340      Wald chi2(1)       =      0.00
Estimated coefficients     =       2        Prob > chi2        =      1.0000

```

HP2inthob	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	4.63e-16	.0061522	0.00	1.000	-.0120581	.0120581
_cons	.1117647	.015771	7.09	0.000	.0808541	.1426753
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       340      R-squared          =       0.0236
Estimated autocorrelations =       340      Wald chi2(4)        =       12.59
Estimated coefficients      =         5      Prob > chi2         =       0.0135

```

HP2inthob	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0003739	.0001548	2.42	0.016	.0000705	.0006773
avgcumdosew	-.0032492	.0013468	-2.41	0.016	-.0058888	-.0006097
HavKm	-1.99e-06	1.82e-06	-1.10	0.273	-5.55e-06	1.57e-06
ranown	-.0002192	.000205	-1.07	0.285	-.000621	.0001827
_cons	.159537	.0462326	3.45	0.001	.0689226	.2501513
rhos = .6635621 .6637396 .6639874 .6635762 .6633745 ... .6635619						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1020
Time variable:    wave              Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       340      R-squared          =       0.0238
Estimated autocorrelations =       340      Wald chi2(5)        =       11.92
Estimated coefficients      =         6      Prob > chi2         =       0.0359

```

HP2inthob	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0020889	.006352	-0.33	0.742	-.0145387	.0103609
magew	.0003867	.0001647	2.35	0.019	.0000639	.0007095
avgcumdosew	-.0029997	.0012955	-2.32	0.021	-.0055387	-.0004606
HavKm	-1.97e-06	1.82e-06	-1.08	0.278	-5.54e-06	1.59e-06
ranown	-.0002195	.0002052	-1.07	0.285	-.0006216	.0001827
_cons	.1628935	.0474355	3.43	0.001	.0699216	.2558654
rhos = .6637536 .6639162 .6641851 .6637665 .6635032 ... .6637534						

```

Date and time: 28 Mar 2012    04:50:59
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for HP2inthob

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1089
Time variable:  wave                    Number of groups   =      363
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =              3
                                              max =              3

Estimated covariances      =      363      R-squared          =      0.0313
Estimated autocorrelations =      363      Wald chi2(1)        =      0.00
Estimated coefficients      =        2      Prob > chi2         =      1.0000

```

HP2inthob	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	9.90e-16	.0072886	0.00	1.000	-.0142853	.0142853
_cons	.1818182	.0186841	9.73	0.000	.145198	.2184384
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1074
Time variable:  wave                    Number of groups   =      358
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =              3
                                              max =              3

Estimated covariances      =      358      R-squared          =      0.1260
Estimated autocorrelations =      358      Wald chi2(5)        =      172.20
Estimated coefficients      =        6      Prob > chi2         =      0.0000

```

HP2inthob	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0903548	.0099127	-9.12	0.000	-.1097835	-.0709262
magew	.0098315	.0008203	11.98	0.000	.0082237	.0114394
avgcumdosew	.0180244	.0087107	2.07	0.039	.0009518	.035097
HavKm	-2.72e-06	1.12e-06	-2.43	0.015	-4.92e-06	-5.23e-07
ranown	-.0001698	.0001482	-1.15	0.252	-.0004603	.0001207
_cons	.0417961	.03107	1.35	0.179	-.0190999	.1026922
rhos = .6733615 .6740552 .6305154 .6120728 .2905563 ... .6166278						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:      id                      Number of obs      =      1074
Time variable:      wave                    Number of groups   =      358
Panels:              heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation:    panel-specific AR(1)         avg =       3
                                                max =       3

Estimated covariances      =      358          R-squared          =      0.1260
Estimated autocorrelations =      358          Wald chi2(5)        =      172.20
Estimated coefficients      =       6           Prob > chi2          =      0.0000

```

HP2inthob	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0903548	.0099127	-9.12	0.000	-.1097835	-.0709262
magew	.0098315	.0008203	11.98	0.000	.0082237	.0114394
avgcumdosew	.0180244	.0087107	2.07	0.039	.0009518	.035097
HavKm	-2.72e-06	1.12e-06	-2.43	0.015	-4.92e-06	-5.23e-07
ranown	-.0001698	.0001482	-1.15	0.252	-.0004603	.0001207
_cons	.0417961	.03107	1.35	0.179	-.0190999	.1026922
rhos = .6733615 .6740552 .6305154 .6120728 .2905563 ... .6166278						

```

Date and time:  28 Mar 2012    04:51:06
Working directory:  /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file:  ch3wMaster27mar2012.d
> ta

Stata version:  12.1
Operating system:  MacOSX  10.6.8  on
> Macintosh (Intel 64-bit)  with  4  processors
using  33554432 bytes of memory

```

**male model for HP2vacatn**

Prais-Winsten regression, heteroskedastic panels corrected standard errors

Group variable: **id** Number of obs = **1020**  
Time variable: **wave** Number of groups = **340**  
Panels: **heteroskedastic (balanced)** Obs per group: min = **3**  
Autocorrelation: **panel-specific AR(1)** avg = **3**  
max = **3**  
Estimated covariances = **340** R-squared = **0.0196**  
Estimated autocorrelations = **340** Wald chi2(1) = **0.00**  
Estimated coefficients = **2** Prob > chi2 = **1.0000**

HP2vacatn	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>5.17e-16</b>	<b>.0063586</b>	<b>0.00</b>	<b>1.000</b>	<b>-.0124626</b>	<b>.0124626</b>
_cons	<b>.1205882</b>	<b>.0163001</b>	<b>7.40</b>	<b>0.000</b>	<b>.0886406</b>	<b>.1525359</b>
rhos = <b>.6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667</b>						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

Group variable: **id** Number of obs = **1020**  
Time variable: **wave** Number of groups = **340**  
Panels: **heteroskedastic (balanced)** Obs per group: min = **3**  
Autocorrelation: **panel-specific AR(1)** avg = **3**  
max = **3**  
Estimated covariances = **340** R-squared = **0.0263**  
Estimated autocorrelations = **340** Wald chi2(4) = **8.67**  
Estimated coefficients = **5** Prob > chi2 = **0.0700**

HP2vacatn	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.0004336</b>	<b>.0001781</b>	<b>2.43</b>	<b>0.015</b>	<b>.0000845</b>	<b>.0007828</b>
avgcumdosew	<b>.0003565</b>	<b>.0031156</b>	<b>0.11</b>	<b>0.909</b>	<b>-.0057499</b>	<b>.006463</b>
HavKm	<b>-1.01e-06</b>	<b>1.91e-06</b>	<b>-0.53</b>	<b>0.598</b>	<b>-4.76e-06</b>	<b>2.74e-06</b>
ranown	<b>-.0003058</b>	<b>.0001889</b>	<b>-1.62</b>	<b>0.106</b>	<b>-.000676</b>	<b>.0000645</b>
_cons	<b>.1587785</b>	<b>.0484397</b>	<b>3.28</b>	<b>0.001</b>	<b>.0638384</b>	<b>.2537187</b>
rhos = <b>.6639309 .6640931 .663942 .663943 .6640351 ... .6639308</b>						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =           3
                                              max =           3
Estimated covariances      =    340      R-squared        =    0.0269
Estimated autocorrelations =    340      Wald chi2(5)       =    8.29
Estimated coefficients     =     6       Prob > chi2        =    0.1410

```

HP2vacatn	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0042709	.0066197	-0.65	0.519	-.0172454	.0087035
magew	.0004597	.0001967	2.34	0.019	.0000741	.0008453
avgcumdosew	.0009627	.003177	0.30	0.762	-.0052641	.0071896
HavKm	-9.71e-07	1.92e-06	-0.51	0.612	-4.73e-06	2.79e-06
ranown	-.0003066	.0001892	-1.62	0.105	-.0006774	.0000643
_cons	.1656776	.0496775	3.34	0.001	.0683116	.2630437

rhos = .6644342 .6645461 .6643876 .6644423 .6645644 ... .6644341

```

Date and time: 28 Mar 2012 04:51:13
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for HP2vacatn

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1089
Time variable:   wave                    Number of groups =    363
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =           3
                                              max =           3
Estimated covariances      =    363      R-squared        =    0.0297
Estimated autocorrelations =    363      Wald chi2(1)       =    0.00
Estimated coefficients     =     2       Prob > chi2        =    1.0000

```

HP2vacatn	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>9.28e-16</b>	<b>.0071569</b>	<b>0.00</b>	<b>1.000</b>	<b>-.0140272</b>	<b>.0140272</b>
_cons	<b>.1735537</b>	<b>.0183465</b>	<b>9.46</b>	<b>0.000</b>	<b>.1375953</b>	<b>.2095122</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1074
Time variable:  wave                    Number of groups   =      358
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg              =        3
                                                max              =        3
Estimated covariances      =      358      R-squared          =      0.1412
Estimated autocorrelations =      358      Wald chi2(5)       =      205.79
Estimated coefficients     =        6      Prob > chi2        =      0.0000

```

HP2vacatn	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>-.0945679</b>	<b>.0094387</b>	<b>-10.02</b>	<b>0.000</b>	<b>-.1130674</b>	<b>-.0760685</b>
magew	<b>.0105265</b>	<b>.000762</b>	<b>13.81</b>	<b>0.000</b>	<b>.009033</b>	<b>.0120199</b>
avgcumdosew	<b>.0142776</b>	<b>.0093145</b>	<b>1.53</b>	<b>0.125</b>	<b>-.0039785</b>	<b>.0325337</b>
HavKm	<b>1.26e-07</b>	<b>1.00e-06</b>	<b>0.13</b>	<b>0.900</b>	<b>-1.84e-06</b>	<b>2.09e-06</b>
ranown	<b>-.0004533</b>	<b>.0001347</b>	<b>-3.36</b>	<b>0.001</b>	<b>-.0007174</b>	<b>-.0001893</b>
_cons	<b>.0135911</b>	<b>.0256125</b>	<b>0.53</b>	<b>0.596</b>	<b>-.0366085</b>	<b>.0637907</b>
rhos = .6741193 .6748468 .6130199 .6094672 -.125679 ... .6143516						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1074
Time variable:  wave                    Number of groups   =      358
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg              =        3
                                                max              =        3
Estimated covariances      =      358      R-squared          =      0.1412
Estimated autocorrelations =      358      Wald chi2(5)       =      205.79
Estimated coefficients     =        6      Prob > chi2        =      0.0000

```

HP2vacatn	Het-corrected					[95% Conf. Interval]	
	Coef.	Std. Err.	z	P> z			
wave	-.0945679	.0094387	-10.02	0.000	-.1130674	-.0760685	
magew	.0105265	.000762	13.81	0.000	.009033	.0120199	
avgcumdosew	.0142776	.0093145	1.53	0.125	-.0039785	.0325337	
HavKm	1.26e-07	1.00e-06	0.13	0.900	-1.84e-06	2.09e-06	
ranown	-.0004533	.0001347	-3.36	0.001	-.0007174	-.0001893	
_cons	.0135911	.0256125	0.53	0.596	-.0366085	.0637907	
rhos = .6741193 .6748468 .6130199 .6094672 -.125679 ... .6143516							

```

34 .
35 .
36 . subtitle "BSI tests"

```

```

Date and time: 28 Mar 2012 04:51:21
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

# BSI tests

```

37 . foreach dvar in BSItotal BSIposymp BSIglobsi BSIisoma BSIoc BSIips BSIdep BSI
> anx BSIphanx ///
> BSIhos BSIpar BSIpsyc {
2. subtitle "male model for `dvar'"
3. xtpcse `dvar' wave if gender==1, hetonly corr(psar1) rhotype(tscorr) nmk
4. xtpcse `dvar' mage avgcumdosew ranown HavKm if gender==1, hetonly corr(p
> sar1) rhotype(tscorr) nmk
5. xtpcse `dvar' wave mage avgcumdosew ranown HavKm if gender==1, hetonly co
> rr(psar1) rhotype(tscorr) nmk
6. subtitle "female model for `dvar'"
7. xtpcse `dvar' wave if gender==2, hetonly corr(psar1) rhotype(tscorr)
8. xtpcse `dvar' mage avgcumdosew ranown HavKm if gender==2, hetonly corr(p
> sar1) rhotype(tscorr) nmk
9. xtpcse `dvar' wave mage avgcumdosew ranown HavKm if gender==2, hetonly co
> rr(psar1) rhotype(tscorr) nmk
10.

```

```

Date and time: 28 Mar 2012    04:51:21
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

---

**male model for BSItotal**


---

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1020
Time variable:  wave                     Number of groups   =      340
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =              3
                                              max =              3
Estimated covariances      =      340      R-squared          =      0.6077
Estimated autocorrelations =      340      Wald chi2(1)         =      0.00
Estimated coefficients      =        2      Prob > chi2           =      1.0000

```

BSItotal	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	3.22e-13	.4752531	0.00	1.000	-.9314789	.9314789
_cons	79.33235	1.218302	65.12	0.000	76.94453	81.72018
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1020
Time variable:  wave                     Number of groups   =      340
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =              3
                                              max =              3
Estimated covariances      =      340      R-squared          =      0.6286
Estimated autocorrelations =      340      Wald chi2(4)         =      53.56
Estimated coefficients      =        5      Prob > chi2           =      0.0000

```

BSItotal	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0162773	.0139201	1.17	0.242	-.0110056	.0435602
avgcumdosew	.3525432	.1979159	1.78	0.075	-.0353648	.7404512
ranown	.0660159	.015841	4.17	0.000	.0349681	.0970638
HavKm	-.0005052	.0001175	-4.30	0.000	-.0007355	-.000275
_cons	78.46	2.786425	28.16	0.000	72.9987	83.92129
rhos = .6665046 .6665328 .6642143 .6665579 .6666711 ... .6665046						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =      1020
Time variable:    wave                    Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =              3
                                                max =              3

Estimated covariances      =       340      R-squared          =      0.6264
Estimated autocorrelations =       340      Wald chi2(5)         =      53.55
Estimated coefficients     =        6       Prob > chi2          =      0.0000

```

BSItotal	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.3104341	.4907233	-0.63	0.527	-1.272234	.651366
magew	.0181626	.0153558	1.18	0.237	-.0119341	.0482593
avgcumdosew	.397032	.2058957	1.93	0.054	-.0065161	.8005801
ranown	.0659509	.0158851	4.15	0.000	.0348166	.0970851
HavKm	-.0005025	.0001186	-4.24	0.000	-.0007349	-.0002701
_cons	78.95184	2.909909	27.13	0.000	73.24852	84.65515
rhos = .6666143 .6666093 .6652528 .6666247 .6668866 ... .6666143						

```

Date and time: 28 Mar 2012    04:51:28
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

female model for BSItotal

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1089
Time variable:    wave                    Number of groups   =       363
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation:  panel-specific AR(1)       avg =              3
                                                max =              3

Estimated covariances      =       363      R-squared          =       0.5843
Estimated autocorrelations =       363      Wald chi2(1)        =       0.00
Estimated coefficients      =        2       Prob > chi2         =       1.0000

```

BSItotal	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	4.38e-13	.5577438	0.00	1.000	-1.093158	1.093158
_cons	91.73829	1.429765	64.16	0.000	88.936	94.54058
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1074
Time variable:    wave                    Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation:  panel-specific AR(1)       avg =              3
                                                max =              3

Estimated covariances      =       358      R-squared          =       0.6632
Estimated autocorrelations =       358      Wald chi2(4)        =      132.93
Estimated coefficients      =        5       Prob > chi2         =       0.0000

```

BSItotal	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.2795928	.0447458	6.25	0.000	.1918928	.3672929
avgcumdosew	1.872936	.5208636	3.60	0.000	.8520625	2.89381
ranown	.047935	.0127513	3.76	0.000	.0229429	.0729271
HavKm	-.0005931	.0001041	-5.70	0.000	-.0007971	-.0003892
_cons	82.51914	2.549662	32.36	0.000	77.5219	87.51639
rhos = .6480168 .6247784 .4368265 .5492689 .6475813 ... .6343064						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1074
Time variable:   wave              Number of groups =    358
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    358      R-squared      =    0.6964
Estimated autocorrelations =    358      Wald chi2(5)     =    214.56
Estimated coefficients     =     6       Prob > chi2      =    0.0000

```

BSItotal	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-6.271067	.7465909	-8.40	0.000	-7.734358	-4.807776
magew	.6132832	.0601783	10.19	0.000	.4953359	.7312305
avgcumdosew	2.590682	.4899928	5.29	0.000	1.630313	3.55105
ranown	.0389209	.0135214	2.88	0.004	.0124194	.0654223
HavKm	-.0005995	.0001145	-5.23	0.000	-.000824	-.000375
_cons	83.76838	2.875378	29.13	0.000	78.13274	89.40401
rhos = .6543895 .6907597 .5859225 .6207039 .6516051 ... .6490149						

```

Date and time: 28 Mar 2012 04:51:35
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### male model for BSIPosymp

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    340      R-squared      =    0.6053
Estimated autocorrelations =    340      Wald chi2(1)     =     0.00
Estimated coefficients     =     2       Prob > chi2      =    1.0000

```

BSIposymp	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>2.56e-13</b>	<b>.4513274</b>	<b>0.00</b>	<b>1.000</b>	<b>-.8845855</b>	<b>.8845855</b>
_cons	<b>74.96176</b>	<b>1.156969</b>	<b>64.79</b>	<b>0.000</b>	<b>72.69415</b>	<b>77.22938</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1020
Time variable:   wave                    Number of groups =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      340      R-squared        =      0.6229
Estimated autocorrelations =      340      Wald chi2(4)       =      51.18
Estimated coefficients     =       5       Prob > chi2        =      0.0000

```

BSIposymp	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.0151473</b>	<b>.0133952</b>	<b>1.13</b>	<b>0.258</b>	<b>-.0111068</b>	<b>.0414014</b>
avgcumdosew	<b>.346607</b>	<b>.1846981</b>	<b>1.88</b>	<b>0.061</b>	<b>-.0153947</b>	<b>.7086086</b>
ranown	<b>.0556861</b>	<b>.0147757</b>	<b>3.77</b>	<b>0.000</b>	<b>.0267263</b>	<b>.084646</b>
HavKm	<b>-.0004743</b>	<b>.0001102</b>	<b>-4.30</b>	<b>0.000</b>	<b>-.0006903</b>	<b>-.0002584</b>
_cons	<b>74.89676</b>	<b>2.63793</b>	<b>28.39</b>	<b>0.000</b>	<b>69.72651</b>	<b>80.06701</b>
rhos = .6665428 .6665554 .6648681 .6665802 .666704 ... .6665287						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1020
Time variable:   wave                    Number of groups =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      340      R-squared        =      0.6222
Estimated autocorrelations =      340      Wald chi2(5)       =      51.06
Estimated coefficients     =       6       Prob > chi2        =      0.0000

```

BSIposymp	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.2969983	.467511	-0.64	0.525	-1.213303	.6193064
magew	.016955	.0147791	1.15	0.251	-.0120115	.0459215
avgcumdosew	.388887	.192418	2.02	0.043	.0117548	.7660193
ranown	.0556023	.0148405	3.75	0.000	.0265155	.0846891
HavKm	-.0004721	.000112	-4.22	0.000	-.0006915	-.0002526
_cons	75.37881	2.775357	27.16	0.000	69.93921	80.81841
rhos = .6666456 .6666343 .6655701 .6666484 .6669368 ... .6666442						

```

                                Date and time: 28 Mar 2012    04:51:42
                                Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### female model for BSIposymp

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs      =      1089
Time variable:   wave                      Number of groups    =      363
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg =       3
                                                max =       3
Estimated covariances      =      363      R-squared           =      0.5798
Estimated autocorrelations =      363      Wald chi2(1)        =      0.00
Estimated coefficients      =       2       Prob > chi2          =      1.0000

```

BSIposymp	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	3.85e-13	.5308391	0.00	1.000	-1.040426	1.040426
_cons	86.50689	1.360795	63.57	0.000	83.83978	89.174
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.6614
Estimated autocorrelations =       358      Wald chi2(4)        =       140.80
Estimated coefficients     =         5      Prob > chi2         =       0.0000

```

BSIposymp	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.2750265	.0422393	6.51	0.000	.192239	.357814
avgcumdosew	1.789671	.4947762	3.62	0.000	.8199279	2.759415
ranown	.0433506	.0116923	3.71	0.000	.020434	.0662671
HavKm	-.0005703	.0000968	-5.89	0.000	-.00076	-.0003806
_cons	77.70151	2.423951	32.06	0.000	72.95065	82.45236
rhos = .646432 .5920889 .4695018 .5820518 .6460425 ... .6295296						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.6882
Estimated autocorrelations =       358      Wald chi2(5)        =       237.50
Estimated coefficients     =         6      Prob > chi2         =       0.0000

```

BSIposymp	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-6.115927	.6989478	-8.75	0.000	-7.48584	-4.746015
magew	.6008468	.0552019	10.88	0.000	.4926529	.7090406
avgcumdosew	2.473533	.4797989	5.16	0.000	1.533144	3.413921
ranown	.0363528	.0121196	3.00	0.003	.0125988	.0601069
HavKm	-.0005868	.0001025	-5.73	0.000	-.0007876	-.000386
_cons	78.87014	2.692823	29.29	0.000	73.59231	84.14798
rhos = .653638 .6951754 .5969376 .6310168 .6506491 ... .6472089						

```

Date and time: 28 Mar 2012    04:51:49
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

# male model for BSIglobsi

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1020
Time variable:  wave              Number of groups =    340
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3

Estimated covariances      =    340      R-squared        =    0.6077
Estimated autocorrelations =    340      Wald chi2(1)       =    0.00
Estimated coefficients      =     2       Prob > chi2        =    1.0000

```

BSIglobsi	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	5.54e-15	.008967	0.00	1.000	-.0175751	.0175751
_cons	1.496837	.0229868	65.12	0.000	1.451783	1.54189
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1020
Time variable:  wave              Number of groups =    340
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3

Estimated covariances      =    340      R-squared        =    0.6286
Estimated autocorrelations =    340      Wald chi2(4)       =    53.56
Estimated coefficients      =     5       Prob > chi2        =    0.0000

```

BSIglobsi	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0003071	.0002626	1.17	0.242	-.0002077	.0008219
avgcumdosew	.0066518	.0037343	1.78	0.075	-.0006673	.0139708
ranown	.0012456	.0002989	4.17	0.000	.0006598	.0018314
HavKm	-9.53e-06	2.22e-06	-4.30	0.000	-.0000139	-5.19e-06
_cons	1.480377	.0525741	28.16	0.000	1.377334	1.583421
rhos = .6665046 .6665328 .6642143 .6665579 .6666711 ... .6665046						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1020
Time variable:    wave                    Number of groups   =        340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg              =         3
                                                max              =         3

Estimated covariances      =        340      R-squared          =       0.6264
Estimated autocorrelations =        340      Wald chi2(5)         =       53.55
Estimated coefficients     =         6       Prob > chi2          =       0.0000

```

BSIglobsi	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0058572	.0092589	-0.63	0.527	-.0240044	.0122899
magew	.0003427	.0002897	1.18	0.237	-.0002252	.0009106
avgcumdosew	.0074912	.0038848	1.93	0.054	-.0001229	.0151053
ranown	.0012444	.0002997	4.15	0.000	.0006569	.0018318
HavKm	-9.48e-06	2.24e-06	-4.24	0.000	-.0000139	-5.10e-06
_cons	1.489657	.0549039	27.13	0.000	1.382048	1.597267
rhos = .6666143 .6666093 .6652528 .6666247 .6668866 ... .6666143						

```

Date and time: 28 Mar 2012    04:51:56
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

female model for BSIglobsi

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1089
Time variable:    wave              Number of groups   =       363
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =          3
                                                max =          3

Estimated covariances      =       363      R-squared          =       0.5843
Estimated autocorrelations =       363      Wald chi2(1)         =       0.00
Estimated coefficients      =        2      Prob > chi2          =       1.0000

```

BSIglobsi	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	8.41e-15	.0105235	0.00	1.000	-.0206256	.0206256
_cons	1.730911	.0269767	64.16	0.000	1.678038	1.783785
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =          3
                                                max =          3

Estimated covariances      =       358      R-squared          =       0.6632
Estimated autocorrelations =       358      Wald chi2(4)         =      132.93
Estimated coefficients      =        5      Prob > chi2          =       0.0000

```

BSIglobsi	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0052753	.0008443	6.25	0.000	.0036206	.0069301
avgcumdosew	.0353384	.0098276	3.60	0.000	.0160766	.0546002
ranown	.0009044	.0002406	3.76	0.000	.0004329	.001376
HavKm	-.0000112	1.96e-06	-5.70	0.000	-.000015	-7.34e-06
_cons	1.556965	.0481068	32.36	0.000	1.462677	1.651253
rhos = .6480168 .6247783 .4368266 .5492688 .6475813 ... .6343064						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1074
Time variable:   wave              Number of groups =    358
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    358      R-squared      =    0.6964
Estimated autocorrelations =    358      Wald chi2(5)     =    214.56
Estimated coefficients      =     6       Prob > chi2      =    0.0000

```

BSIglobsi	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.118322	.0140866	-8.40	0.000	-.1459313	-.0907128
magew	.0115714	.0011354	10.19	0.000	.009346	.0137968
avgcumdosew	.0488808	.0092451	5.29	0.000	.0307606	.0670009
ranown	.0007344	.0002551	2.88	0.004	.0002343	.0012344
HavKm	-.0000113	2.16e-06	-5.23	0.000	-.0000155	-7.08e-06
_cons	1.580535	.0542524	29.13	0.000	1.474203	1.686868
rhos = .6543895 .6907597 .5859225 .6207039 .6516051 ... .6490149						

```

Date and time: 28 Mar 2012 04:52:03
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### male model for BSIsoma

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    340      R-squared      =    0.3963
Estimated autocorrelations =    340      Wald chi2(1)     =     0.00
Estimated coefficients      =     2       Prob > chi2      =    1.0000

```

BSIsoma	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>3.82e-14</b>	<b>.1075503</b>	<b>0.00</b>	<b>1.000</b>	<b>-.2107947</b>	<b>.2107947</b>
_cons	<b>11.68824</b>	<b>.275703</b>	<b>42.39</b>	<b>0.000</b>	<b>11.14787</b>	<b>12.2286</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1020
Time variable:   wave                    Number of groups =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      340      R-squared        =      0.4039
Estimated autocorrelations =      340      Wald chi2(4)       =      3.60
Estimated coefficients     =       5       Prob > chi2        =      0.4625

```

BSIsoma	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.0038208</b>	<b>.0044183</b>	<b>0.86</b>	<b>0.387</b>	<b>-.0048388</b>	<b>.0124804</b>
avgcumdosew	<b>.0231044</b>	<b>.0409942</b>	<b>0.56</b>	<b>0.573</b>	<b>-.0572428</b>	<b>.1034516</b>
ranown	<b>-.0014944</b>	<b>.0029133</b>	<b>-0.51</b>	<b>0.608</b>	<b>-.0072044</b>	<b>.0042155</b>
HavKm	<b>-.0000328</b>	<b>.0000244</b>	<b>-1.35</b>	<b>0.178</b>	<b>-.0000806</b>	<b>.0000149</b>
_cons	<b>12.24268</b>	<b>.5905657</b>	<b>20.73</b>	<b>0.000</b>	<b>11.0852</b>	<b>13.40017</b>
rhos = .6662179 .6660844 .6678598 .6662179 .6661446 ... .6660783						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1020
Time variable:   wave                    Number of groups =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      340      R-squared        =      0.3979
Estimated autocorrelations =      340      Wald chi2(5)       =      3.51
Estimated coefficients     =       6       Prob > chi2        =      0.6225

```

BSIsoma	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0461959	.1164002	-0.40	0.691	-.2743361	.1819444
magew	.0041035	.0047587	0.86	0.389	-.0052235	.0134305
avgcumdosew	.0290447	.0428616	0.68	0.498	-.0549626	.1130519
ranown	-.0015075	.003065	-0.49	0.623	-.0075147	.0044998
HavKm	-.0000323	.000025	-1.29	0.196	-.0000813	.0000167
_cons	12.31448	.6452009	19.09	0.000	11.04991	13.57905
rhos = .6662546 .666142 .6682371 .6662545 .6662218 ... .6661385						

```

                                Date and time: 28 Mar 2012    04:52:10
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### female model for BSIsoma

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1089
Time variable:  wave                    Number of groups    =      363
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                              max =        3
Estimated covariances      =      363      R-squared          =      0.4561
Estimated autocorrelations =      363      Wald chi2(1)        =      0.00
Estimated coefficients      =        2      Prob > chi2          =      1.0000

```

BSIsoma	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	6.47e-14	.1079785	0.00	1.000	-.2116339	.2116339
_cons	13.71625	.2768006	49.55	0.000	13.17373	14.25877
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.5365
Estimated autocorrelations =       358      Wald chi2(4)        =       157.22
Estimated coefficients     =         5      Prob > chi2         =       0.0000

```

BSIsoma	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0876998	.008222	10.67	0.000	.071585	.1038145
avgcumdosew	.1017269	.0714523	1.42	0.155	-.038317	.2417708
ranown	.0038192	.0023637	1.62	0.106	-.0008136	.008452
HavKm	-.0000538	.0000183	-2.94	0.003	-.0000897	-.000018
_cons	10.66119	.5135979	20.76	0.000	9.65456	11.66783
rhos = .6281707 .508297 .3790962 .3612486 .6287862 ... .619315						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.6512
Estimated autocorrelations =       358      Wald chi2(5)        =       333.94
Estimated coefficients     =         6      Prob > chi2         =       0.0000

```

BSIsoma	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-1.484016	.136951	-10.84	0.000	-1.752435	-1.215597
magew	.162919	.0105109	15.50	0.000	.142318	.18352
avgcumdosew	.2680485	.0710858	3.77	0.000	.1287229	.4073741
ranown	.0022693	.0022077	1.03	0.304	-.0020576	.0065963
HavKm	-.0000561	.0000187	-3.00	0.003	-.0000927	-.0000195
_cons	11.06626	.5443448	20.33	0.000	9.999368	12.13316
rhos = .6433273 .7050365 .545035 .5278384 .6399566 ... .6402937						

```

Date and time: 28 Mar 2012    04:52:17
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

# male model for BSIoc

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1020
Time variable:  wave              Number of groups =    340
Panels:         heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)      avg =    3
                                           max =    3

Estimated covariances    =    340      R-squared        =    0.4590
Estimated autocorrelations =    340      Wald chi2(1)       =    0.00
Estimated coefficients    =    2         Prob > chi2        =    1.0000

```

BSIoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	3.31e-14	.0790323	0.00	1.000	-.1549005	.1549005
_cons	9.764706	.2025977	48.20	0.000	9.367622	10.16179
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1020
Time variable:  wave              Number of groups =    340
Panels:         heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)      avg =    3
                                           max =    3

Estimated covariances    =    340      R-squared        =    0.4790
Estimated autocorrelations =    340      Wald chi2(4)       =    38.66
Estimated coefficients    =    5         Prob > chi2        =    0.0000

```

BSIoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0011843	.0025654	0.46	0.644	-.0038438	.0062124
avgcumdosew	.0768396	.0254486	3.02	0.003	.0269612	.1267179
ranown	.0061872	.0025574	2.42	0.016	.0011748	.0111996
HavKm	-.0000668	.0000211	-3.16	0.002	-.0001082	-.0000254
_cons	9.968544	.5115061	19.49	0.000	8.966011	10.97108
rhos = .6670531 .6670318 .6645738 .6669657 .6675138 ... .6670531						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =      1020
Time variable:    wave                    Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)         avg =        3
                                                max =        3
Estimated covariances      =       340      R-squared          =      0.4782
Estimated autocorrelations =       340      Wald chi2(5)        =      40.57
Estimated coefficients     =        6       Prob > chi2         =      0.0000

```

BSIoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0447704	.0827481	-0.54	0.588	-.2069537	.117413
magew	.001459	.0028012	0.52	0.602	-.0040313	.0069494
avgcumdosew	.0821425	.0253838	3.24	0.001	.0323912	.1318937
ranown	.0061784	.0025839	2.39	0.017	.0011139	.0112428
HavKm	-.0000664	.0000212	-3.12	0.002	-.000108	-.0000247
_cons	10.03997	.5296088	18.96	0.000	9.001951	11.07798
rhos = .6671725 .6671447 .6662969 .6670257 .6681203 ... .6671726						

```

Date and time: 28 Mar 2012    04:52:24
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

female model for BSIoc

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1089
Time variable:   wave                    Number of groups =    363
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3

Estimated covariances      =    363          R-squared       =    0.4727
Estimated autocorrelations =    363          Wald chi2(1)       =    0.00
Estimated coefficients     =     2           Prob > chi2        =    1.0000

```

BSIoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	5.54e-14	.0845902	0.00	1.000	-.1657937	.1657937
_cons	11.11019	.2168452	51.24	0.000	10.68518	11.5352
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1074
Time variable:   wave                    Number of groups =    358
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3

Estimated covariances      =    358          R-squared       =    0.5510
Estimated autocorrelations =    358          Wald chi2(4)       =   107.51
Estimated coefficients     =     5           Prob > chi2        =    0.0000

```

BSIoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0369939	.0067079	5.51	0.000	.0238467	.0501411
avgcumdosew	.2440231	.0665842	3.66	0.000	.1135204	.3745258
ranown	.0047767	.0017813	2.68	0.007	.0012854	.0082679
HavKm	-.0000863	.0000154	-5.60	0.000	-.0001165	-.000056
_cons	10.21173	.3917812	26.06	0.000	9.443852	10.97961
rhos = .6237109 .2407955 .6369011 .5761263 .648377 ... .6443099						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1074
Time variable:   wave              Number of groups =    358
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    358      R-squared      =    0.6101
Estimated autocorrelations =    358      Wald chi2(5)     =    193.67
Estimated coefficients     =     6        Prob > chi2     =    0.0000

```

BSIoc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.8612703	.1160815	-7.42	0.000	-1.088786	-.6337547
magew	.0845101	.0093093	9.08	0.000	.0662642	.102756
avgcumdosew	.3503427	.0676711	5.18	0.000	.2177099	.4829755
ranown	.0042068	.0019273	2.18	0.029	.0004294	.0079842
HavKm	-.0000863	.0000168	-5.14	0.000	-.0001192	-.0000534
_cons	10.21341	.4289467	23.81	0.000	9.372693	11.05413
rhos = .644747 .6571861 .6502416 .6297506 .6521226 ... .6531475						

```

Date and time: 28 Mar 2012 04:52:32
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### male model for BSIips

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    340      R-squared      =    0.4710
Estimated autocorrelations =    340      Wald chi2(1)     =     0.00
Estimated coefficients     =     2        Prob > chi2     =    1.0000

```

BSIips	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>1.53e-14</b>	<b>.046362</b>	<b>0.00</b>	<b>1.000</b>	<b>-.0908678</b>	<b>.0908678</b>
_cons	<b>5.867647</b>	<b>.118848</b>	<b>49.37</b>	<b>0.000</b>	<b>5.634709</b>	<b>6.100585</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1020
Time variable:   wave                    Number of groups =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      340      R-squared        =      0.5080
Estimated autocorrelations =      340      Wald chi2(4)       =      51.82
Estimated coefficients     =       5       Prob > chi2        =      0.0000

```

BSIips	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>-.000878</b>	<b>.0004756</b>	<b>-1.85</b>	<b>0.065</b>	<b>-.0018101</b>	<b>.0000542</b>
avgcumdosew	<b>.021025</b>	<b>.0248292</b>	<b>0.85</b>	<b>0.397</b>	<b>-.0276393</b>	<b>.0696893</b>
ranown	<b>.0080261</b>	<b>.0018065</b>	<b>4.44</b>	<b>0.000</b>	<b>.0044854</b>	<b>.0115668</b>
HavKm	<b>-.0000623</b>	<b>.0000129</b>	<b>-4.81</b>	<b>0.000</b>	<b>-.0000876</b>	<b>-.0000369</b>
_cons	<b>5.886347</b>	<b>.3165384</b>	<b>18.60</b>	<b>0.000</b>	<b>5.265943</b>	<b>6.506751</b>
rhos = .667329 .6673255 .6671468 .6673284 .6674674 ... .6673291						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1020
Time variable:   wave                    Number of groups =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      340      R-squared        =      0.5080
Estimated autocorrelations =      340      Wald chi2(5)       =      51.78
Estimated coefficients     =       6       Prob > chi2        =      0.0000

```

BSIips	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.000977	.0458898	-0.02	0.983	-.0909194	.0889653
magew	-.0008721	.0004124	-2.11	0.034	-.0016803	-.0000638
avgcumdosew	.0211769	.025334	0.84	0.403	-.0284769	.0708306
ranown	.0080258	.0018083	4.44	0.000	.0044816	.01157
HavKm	-.0000623	.000013	-4.80	0.000	-.0000877	-.0000369
_cons	5.887915	.3274516	17.98	0.000	5.246122	6.529708
rhos = .6673284 .6673248 .6671446 .6673278 .6674695 ... .6673285						

```

                                Date and time: 28 Mar 2012    04:52:39
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### female model for BSIips

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1089
Time variable:  wave                    Number of groups   =      363
Panels:         heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)      avg =       3
                                              max =       3
Estimated covariances =      363          R-squared         =      0.4664
Estimated autocorrelations =      363      Wald chi2(1)       =      0.00
Estimated coefficients =       2          Prob > chi2        =      1.0000

```

BSIips	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	3.20e-14	.0556706	0.00	1.000	-.1091125	.1091125
_cons	7.220386	.1427106	50.59	0.000	6.940678	7.500093
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.5666
Estimated autocorrelations =       358      Wald chi2(4)       =       103.65
Estimated coefficients     =         5      Prob > chi2        =       0.0000

```

BSIips	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.015557	.0047019	3.31	0.001	.0063415	.0247725
avgcumdosew	.2606021	.0635831	4.10	0.000	.1359816	.3852226
ranown	.0029899	.0014896	2.01	0.045	.0000703	.0059096
HavKm	-.00007	.0000104	-6.76	0.000	-.0000903	-.0000497
_cons	7.096843	.2972439	23.88	0.000	6.514255	7.67943
rhos = .6549642 .2505133 .0373729 .660658 .6538485 ... .6555631						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.5752
Estimated autocorrelations =       358      Wald chi2(5)       =       141.53
Estimated coefficients     =         6      Prob > chi2        =       0.0000

```

BSIips	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.5060953	.0785304	-6.44	0.000	-.6600121	-.3521786
magew	.0436571	.0065058	6.71	0.000	.030906	.0564083
avgcumdosew	.3222848	.0610448	5.28	0.000	.2026391	.4419305
ranown	.0025191	.0016458	1.53	0.126	-.0007065	.0057448
HavKm	-.0000701	.0000117	-5.97	0.000	-.0000931	-.0000471
_cons	7.101888	.3297408	21.54	0.000	6.455608	7.748168
rhos = .6590656 .6391388 .4961822 .6741518 .6557849 ... .6594189						

```

Date and time: 28 Mar 2012    04:52:46
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

### male model for BSIdcp

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1020
Time variable:  wave              Number of groups  =    340
Panels:         heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)      avg =    3
                                           max =    3

Estimated covariances    =    340      R-squared        =    0.5391
Estimated autocorrelations =    340      Wald chi2(1)       =    0.00
Estimated coefficients    =    2         Prob > chi2        =    1.0000

```

BSIdcp	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	3.10e-14	.0560595	0.00	1.000	-.1098746	.1098746
_cons	8.132353	.1437073	56.59	0.000	7.850692	8.414014
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1020
Time variable:  wave              Number of groups  =    340
Panels:         heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)      avg =    3
                                           max =    3

Estimated covariances    =    340      R-squared        =    0.5557
Estimated autocorrelations =    340      Wald chi2(4)       =    31.52
Estimated coefficients    =    5         Prob > chi2        =    0.0000

```

BSIdep	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	-.0000977	.0011509	-0.08	0.932	-.0023534	.0021581
avgcumdosew	.02033	.0253799	0.80	0.423	-.0294138	.0700738
ranown	.0068083	.0018249	3.73	0.000	.0032316	.0103851
HavKm	-.000055	.0000169	-3.26	0.001	-.0000881	-.0000219
_cons	8.159479	.396214	20.59	0.000	7.382913	8.936044
rhos = .6670083 .667 .666825 .6670073 .6671394 ... .6673726						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1020
Time variable:    wave                    Number of groups   =        340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg              =         3
                                                max              =         3
Estimated covariances      =        340      R-squared          =       0.5557
Estimated autocorrelations =        340      Wald chi2(5)         =       31.50
Estimated coefficients     =         6       Prob > chi2          =       0.0000

```

BSIdep	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0080426	.0566363	-0.14	0.887	-.1190476	.1029624
magew	-.0000489	.0011834	-0.04	0.967	-.0023683	.0022705
avgcumdosew	.021425	.0257616	0.83	0.406	-.0290668	.0719168
ranown	.0068057	.0018255	3.73	0.000	.0032279	.0103836
HavKm	-.000055	.0000169	-3.25	0.001	-.0000881	-.0000218
_cons	8.172441	.4094599	19.96	0.000	7.369914	8.974968
rhos = .667016 .6670071 .666825 .667015 .6671602 ... .6674081						

```

Date and time: 28 Mar 2012    04:52:53
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

female model for BSIdp

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1089
Time variable:   wave                    Number of groups =    363
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3

Estimated covariances      =    363      R-squared       =    0.4899
Estimated autocorrelations =    363      Wald chi2(1)      =    0.00
Estimated coefficients     =     2       Prob > chi2       =    1.0000

```

BSIdep	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	3.93e-14	.071026	0.00	1.000	-.1392085	.1392085
_cons	9.655647	.1820738	53.03	0.000	9.298789	10.01251
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1074
Time variable:   wave                    Number of groups =    358
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3

Estimated covariances      =    358      R-squared       =    0.5689
Estimated autocorrelations =    358      Wald chi2(4)      =    86.42
Estimated coefficients     =     5       Prob > chi2       =    0.0000

```

BSIdep	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0324134	.0058609	5.53	0.000	.0209264	.0439005
avgcumdosew	.1984715	.0713644	2.78	0.005	.0585998	.3383432
ranown	.0050052	.0016295	3.07	0.002	.0018114	.0081991
HavKm	-.0000506	.0000121	-4.19	0.000	-.0000743	-.0000269
_cons	8.402487	.3139819	26.76	0.000	7.787094	9.01788
rhos = .6454329 .6397326 .0222911 .6465155 .641078 ... .1753369						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1074
Time variable:   wave                    Number of groups =    358
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3
Estimated covariances      =    358          R-squared      =    0.6050
Estimated autocorrelations =    358          Wald chi2(5)     =    146.08
Estimated coefficients     =     6           Prob > chi2      =    0.0000

```

BSIdep	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.7275684	.0945077	-7.70	0.000	-.9128001	-.5423367
magew	.071944	.0077278	9.31	0.000	.0567977	.0870902
avgcumdosew	.2852299	.0750644	3.80	0.000	.1381064	.4323534
ranown	.0042099	.0015876	2.65	0.008	.0010982	.0073216
HavKm	-.0000496	.000013	-3.82	0.000	-.000075	-.0000242
_cons	8.460915	.3302453	25.62	0.000	7.813647	9.108184
rhos = .6532494 .6876786 -.0977722 .6538979 .6476616 ... .4170122						

```

Date and time: 28 Mar 2012 04:53:00
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### male model for BSIanx

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3
Estimated covariances      =    340          R-squared      =    0.5244
Estimated autocorrelations =    340          Wald chi2(1)     =     0.00
Estimated coefficients     =     2           Prob > chi2      =    1.0000

```

BSIanx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>3.58e-14</b>	<b>.0541117</b>	<b>0.00</b>	<b>1.000</b>	<b>-.106057</b>	<b>.106057</b>
_cons	<b>7.620588</b>	<b>.1387143</b>	<b>54.94</b>	<b>0.000</b>	<b>7.348713</b>	<b>7.892463</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1020
Time variable:   wave                    Number of groups =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      340      R-squared        =      0.5701
Estimated autocorrelations =      340      Wald chi2(4)       =     121.58
Estimated coefficients     =       5       Prob > chi2        =      0.0000

```

BSIanx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.0033409</b>	<b>.0007496</b>	<b>4.46</b>	<b>0.000</b>	<b>.0018717</b>	<b>.0048101</b>
avgcumdosew	<b>.0420231</b>	<b>.0211527</b>	<b>1.99</b>	<b>0.047</b>	<b>.0005646</b>	<b>.0834817</b>
ranown	<b>.0089164</b>	<b>.0019372</b>	<b>4.60</b>	<b>0.000</b>	<b>.0051195</b>	<b>.0127132</b>
HavKm	<b>-.0000862</b>	<b>.0000134</b>	<b>-6.45</b>	<b>0.000</b>	<b>-.0001124</b>	<b>-.00006</b>
_cons	<b>7.750049</b>	<b>.3435522</b>	<b>22.56</b>	<b>0.000</b>	<b>7.076699</b>	<b>8.423399</b>
rhos = .6660464 .6660518 .6648069 .6652608 .6655158 ... .6652568						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1020
Time variable:   wave                    Number of groups =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      340      R-squared        =      0.5668
Estimated autocorrelations =      340      Wald chi2(5)       =     116.28
Estimated coefficients     =       6       Prob > chi2        =      0.0000

```

BSIanx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0502879	.0531778	-0.95	0.344	-.1545145	.0539387
magew	.003651	.000866	4.22	0.000	.0019537	.0053482
avgcumdosew	.0491167	.0221589	2.22	0.027	.0056861	.0925473
ranown	.0088961	.0020058	4.44	0.000	.0049649	.0128274
HavKm	-.0000858	.0000139	-6.18	0.000	-.000113	-.0000586
_cons	7.833245	.3701866	21.16	0.000	7.107693	8.558797
rhos = .6662399 .6662335 .6652961 .6658885 .6663661 ... .6658893						

```

                                Date and time: 28 Mar 2012    04:53:08
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### female model for BSIanx

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1089
Time variable:  wave                    Number of groups   =      363
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                              max =        3
Estimated covariances =        363        R-squared          =      0.4681
Estimated autocorrelations =        363    Wald chi2(1)        =      0.00
Estimated coefficients =        2         Prob > chi2         =      1.0000

```

BSIanx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	3.83e-14	.0689875	0.00	1.000	-.1352131	.1352131
_cons	8.977961	.1768481	50.77	0.000	8.631346	9.324577
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.5501
Estimated autocorrelations =       358      Wald chi2(4)       =       59.31
Estimated coefficients      =         5      Prob > chi2        =       0.0000

```

BSI anx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.016714	.0054903	3.04	0.002	.0059532	.0274748
avgcumdosew	.2799378	.0702804	3.98	0.000	.1421906	.4176849
ranown	.0052815	.0016835	3.14	0.002	.0019819	.0085811
HavKm	-.0000423	.0000137	-3.09	0.002	-.0000692	-.0000154
_cons	8.100325	.3406644	23.78	0.000	7.432636	8.768015
rhos = .6527222 .6628502 .6510767 .6532665 .6501715 ... .6535251						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.5447
Estimated autocorrelations =       358      Wald chi2(5)       =       91.46
Estimated coefficients      =         6      Prob > chi2        =       0.0000

```

BSI anx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.5341117	.0949083	-5.63	0.000	-.7201286	-.3480947
magew	.0461531	.0074757	6.17	0.000	.031501	.0608052
avgcumdosew	.3385903	.0742483	4.56	0.000	.1930663	.4841143
ranown	.0048843	.0019275	2.53	0.011	.0011065	.0086621
HavKm	-.0000436	.0000157	-2.78	0.005	-.0000743	-.0000129
_cons	8.141711	.3776222	21.56	0.000	7.401585	8.881837
rhos = .6582595 .6760171 .6577782 .6585564 .65343 ... .6586979						

```

Date and time: 28 Mar 2012    04:53:15
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

# male model for BSIphanx

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1020
Time variable:  wave              Number of groups  =    340
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3

Estimated covariances    =    340      R-squared        =    0.5691
Estimated autocorrelations =    340      Wald chi2(1)       =    0.00
Estimated coefficients    =     2        Prob > chi2       =    1.0000

```

BSIphanx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	3.89e-14	.041347	0.00	1.000	-.0810387	.0810387
_cons	6.373529	.1059922	60.13	0.000	6.165788	6.58127
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1020
Time variable:  wave              Number of groups  =    340
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3

Estimated covariances    =    340      R-squared        =    0.5822
Estimated autocorrelations =    340      Wald chi2(4)       =    34.01
Estimated coefficients    =     5        Prob > chi2       =    0.0000

```

BSIphanx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.002828	.0009415	3.00	0.003	.0009827	.0046733
avgcumdosew	-.0452624	.0114902	-3.94	0.000	-.0677827	-.0227421
ranown	.0025899	.00181	1.43	0.152	-.0009575	.0061374
HavKm	-.0000437	.0000118	-3.70	0.000	-.0000669	-.0000206
_cons	6.685771	.303132	22.06	0.000	6.091643	7.279899
rhos = .6699676 .6644294 .6552349 .664338 .6639892 ... .6643294						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1020
Time variable:    wave                    Number of groups   =        340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg              =         3
                                                max              =         3
Estimated covariances      =        340      R-squared          =       0.5821
Estimated autocorrelations =        340      Wald chi2(5)         =       33.33
Estimated coefficients     =         6       Prob > chi2          =       0.0000

```

BSIphanx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0066338	.041928	-0.16	0.874	-.0888111	.0755436
magew	.0028691	.0009755	2.94	0.003	.0009571	.0047811
avgcumdosew	-.0447182	.0115933	-3.86	0.000	-.0674407	-.0219957
ranown	.0025913	.0018115	1.43	0.153	-.0009591	.0061418
HavKm	-.0000437	.0000118	-3.70	0.000	-.0000669	-.0000205
_cons	6.696303	.3116862	21.48	0.000	6.085409	7.307197
rhos = .6700276 .6644547 .6562333 .6643638 .663992 ... .6643552						

```

Date and time: 28 Mar 2012    04:53:22
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

female model for BSIphanx

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1089
Time variable:    wave              Number of groups   =       363
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =          3
                                                max =          3

Estimated covariances      =       363      R-squared          =       0.4507
Estimated autocorrelations =       363      Wald chi2(1)         =       0.00
Estimated coefficients     =        2       Prob > chi2          =       1.0000

```

BSIphanx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	4.42e-14	.0613013	0.00	1.000	-.1201483	.1201483
_cons	7.702479	.1571446	49.02	0.000	7.394482	8.010477
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =          3
                                                max =          3

Estimated covariances      =       358      R-squared          =       0.5156
Estimated autocorrelations =       358      Wald chi2(4)         =       55.03
Estimated coefficients     =        5       Prob > chi2          =       0.0000

```

BSIphanx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0235039	.005013	4.69	0.000	.0136786	.0333292
avgcumdosew	.1822155	.0585987	3.11	0.002	.0673642	.2970667
ranown	.0027725	.0016557	1.67	0.094	-.0004727	.0060176
HavKm	-.0000339	.0000133	-2.54	0.011	-.00006	-7.76e-06
_cons	6.818805	.3178072	21.46	0.000	6.195914	7.441695
rhos = .645339 .6226654 .6524368 .6179434 .6403776 ... .6200826						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1074
Time variable:   wave              Number of groups =    358
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    358      R-squared      =    0.5415
Estimated autocorrelations =    358      Wald chi2(5)     =    90.65
Estimated coefficients     =     6       Prob > chi2      =    0.0000

```

BSIphanx	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.5631309	.0866171	-6.50	0.000	-.7328972	-.3933645
magew	.053731	.0070757	7.59	0.000	.0398629	.067599
avgcumdosew	.2586442	.061283	4.22	0.000	.1385317	.3787568
ranown	.0020529	.0016751	1.23	0.220	-.0012303	.005336
HavKm	-.0000345	.0000143	-2.41	0.016	-.0000626	-6.51e-06
_cons	6.901798	.3412256	20.23	0.000	6.233008	7.570588
rhos = .6538331 .6429298 .6571309 .6443007 .6473514 ... .6452485						

```

Date and time: 28 Mar 2012 04:53:29
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### male model for BSIhos

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    340      R-squared      =    0.4182
Estimated autocorrelations =    340      Wald chi2(1)     =     0.00
Estimated coefficients     =     2       Prob > chi2      =    1.0000

```

BSIhos	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>3.78e-14</b>	<b>.0682372</b>	<b>0.00</b>	<b>1.000</b>	<b>-.1337424</b>	<b>.1337424</b>
_cons	<b>7.758824</b>	<b>.1749246</b>	<b>44.36</b>	<b>0.000</b>	<b>7.415978</b>	<b>8.101669</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1020
Time variable:   wave                    Number of groups =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      340      R-squared        =      0.4268
Estimated autocorrelations =      340      Wald chi2(4)       =      24.48
Estimated coefficients     =       5       Prob > chi2        =      0.0001

```

BSIhos	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.0013761</b>	<b>.0015138</b>	<b>0.91</b>	<b>0.363</b>	<b>-.0015908</b>	<b>.0043431</b>
avgcumdosew	<b>.067578</b>	<b>.0304909</b>	<b>2.22</b>	<b>0.027</b>	<b>.0078169</b>	<b>.127339</b>
ranown	<b>.0062577</b>	<b>.0016904</b>	<b>3.70</b>	<b>0.000</b>	<b>.0029445</b>	<b>.0095709</b>
HavKm	<b>.0000145</b>	<b>.000014</b>	<b>1.03</b>	<b>0.302</b>	<b>-.000013</b>	<b>.000042</b>
_cons	<b>6.675094</b>	<b>.2806354</b>	<b>23.79</b>	<b>0.000</b>	<b>6.125059</b>	<b>7.225129</b>
rhos = .6668842 .666868 .6664049 .6668823 .6672213 ... .6669309						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1020
Time variable:   wave                    Number of groups =      340
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      340      R-squared        =      0.4263
Estimated autocorrelations =      340      Wald chi2(5)       =      24.45
Estimated coefficients     =       6       Prob > chi2        =      0.0002

```

BSIhos	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0425968	.070623	-0.60	0.546	-.1810155	.0958218
magew	.0016373	.0016673	0.98	0.326	-.0016305	.0049051
avgcumdosew	.0728123	.0313953	2.32	0.020	.0112786	.1343459
ranown	.0062387	.0017121	3.64	0.000	.002883	.0095944
HavKm	.0000149	.0000145	1.03	0.304	-.0000135	.0000432
_cons	6.743262	.3191203	21.13	0.000	6.117797	7.368726
rhos = .6669663 .6669459 .6665283 .6669641 .6675721 ... .6671322						

```

                                Date and time: 28 Mar 2012    04:53:37
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### female model for BSIhos

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs      =      1089
Time variable:   wave                     Number of groups   =      363
Panels:          heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =        3
                                                max =        3
Estimated covariances      =      363      R-squared          =      0.5057
Estimated autocorrelations =      363      Wald chi2(1)       =      0.00
Estimated coefficients     =        2      Prob > chi2        =      1.0000

```

BSIhos	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	4.06e-14	.0533451	0.00	1.000	-.1045545	.1045545
_cons	7.484848	.1367491	54.73	0.000	7.216825	7.752872
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.5150
Estimated autocorrelations =       358      Wald chi2(4)       =       18.00
Estimated coefficients     =         5      Prob > chi2        =       0.0012

```

BSIhos	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0019151	.0048231	0.40	0.691	-.007538	.0113682
avgcumdosew	-.0003714	.0308011	-0.01	0.990	-.0607404	.0599976
ranown	.0032629	.0015626	2.09	0.037	.0002003	.0063256
HavKm	-.0000506	.000013	-3.91	0.000	-.000076	-.0000252
_cons	7.75119	.2854528	27.15	0.000	7.191713	8.310667
rhos = .6657059 .6500157 .6683261 .6489846 .6650716 ... .6648074						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation:  panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.5145
Estimated autocorrelations =       358      Wald chi2(5)       =       18.86
Estimated coefficients     =         6      Prob > chi2        =       0.0020

```

BSIhos	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.035748	.078531	-0.46	0.649	-.189666	.11817
magew	.0039897	.0066431	0.60	0.548	-.0090305	.0170099
avgcumdosew	.0051921	.030978	0.17	0.867	-.0555237	.0659078
ranown	.0032204	.0015801	2.04	0.042	.0001233	.0063174
HavKm	-.0000506	.000013	-3.88	0.000	-.0000761	-.0000251
_cons	7.748511	.287165	26.98	0.000	7.185678	8.311344
rhos = .665516 .6539429 .669305 .6535406 .6647796 ... .6645644						

```

Date and time: 28 Mar 2012    04:53:44
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

### male model for BSIPar

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs      =      1020
Time variable:  wave              Number of groups   =      340
Panels:         heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)      avg =       3
                                              max =       3

Estimated covariances      =      340      R-squared          =      0.4521
Estimated autocorrelations =      340      Wald chi2(1)         =      0.00
Estimated coefficients      =       2       Prob > chi2          =      1.0000

```

BSIPar	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	3.78e-14	.0645044	0.00	1.000	-.1264263	.1264263
_cons	7.858824	.1653557	47.53	0.000	7.534732	8.182915
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs      =      1020
Time variable:  wave              Number of groups   =      340
Panels:         heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)      avg =       3
                                              max =       3

Estimated covariances      =      340      R-squared          =      0.5205
Estimated autocorrelations =      340      Wald chi2(4)         =     110.78
Estimated coefficients      =       5       Prob > chi2          =      0.0000

```

BSIpar	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.002684	.0008532	3.15	0.002	.0010118	.0043563
avgcumdosew	.0585011	.0151467	3.86	0.000	.028814	.0881881
ranown	.0133462	.0024523	5.44	0.000	.0085398	.0181526
HavKm	-.0000895	.000016	-5.61	0.000	-.0001207	-.0000582
_cons	7.515021	.3908589	19.23	0.000	6.748952	8.281091
rhos = .6614231 .6663392 .6655049 .6663433 .6665273 ... .6663442						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =      1020
Time variable:    wave                    Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =        3
                                                max =        3
Estimated covariances      =       340      R-squared          =      0.5168
Estimated autocorrelations =       340      Wald chi2(5)        =     119.13
Estimated coefficients     =        6       Prob > chi2         =      0.0000

```

BSIpar	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0503567	.062748	-0.80	0.422	-.1733406	.0726272
magew	.0029957	.0009524	3.15	0.002	.001129	.0048625
avgcumdosew	.0633425	.0142001	4.46	0.000	.0355109	.0911741
ranown	.0133589	.0024805	5.39	0.000	.0084972	.0182207
HavKm	-.000089	.0000163	-5.46	0.000	-.000121	-.0000571
_cons	7.592568	.4172942	18.19	0.000	6.774686	8.41045
rhos = .6655628 .6664673 .6657928 .6664781 .6667298 ... .6664796						

```

Date and time: 28 Mar 2012    04:53:51
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

female model for BSIpar

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1089
Time variable:    wave              Number of groups   =       363
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation:  panel-specific AR(1)        avg =          3
                                                max =          3

Estimated covariances      =       363      R-squared          =       0.4431
Estimated autocorrelations =       363      Wald chi2(1)         =       0.00
Estimated coefficients     =        2       Prob > chi2          =       1.0000

```

BSIpar	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	4.26e-14	.0732268	0.00	1.000	-.143522	.143522
_cons	9.060606	.1877155	48.27	0.000	8.69269	9.428522
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation:  panel-specific AR(1)        avg =          3
                                                max =          3

Estimated covariances      =       358      R-squared          =       0.5251
Estimated autocorrelations =       358      Wald chi2(4)         =      103.39
Estimated coefficients     =        5       Prob > chi2          =       0.0000

```

BSIpar	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0129477	.0064588	2.00	0.045	.0002887	.0256067
avgcumdosew	.1101731	.0765458	1.44	0.150	-.039854	.2602002
ranown	.0082078	.0017825	4.60	0.000	.0047143	.0117014
HavKm	-.0001317	.0000161	-8.16	0.000	-.0001633	-.0001001
_cons	9.392673	.3993068	23.52	0.000	8.610046	10.1753
rhos = .6607519 .4694382 .5876658 .4112478 .6610831 ... .6429647						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1074
Time variable:   wave                    Number of groups =    358
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3
Estimated covariances      =    358          R-squared      =    0.5071
Estimated autocorrelations =    358          Wald chi2(5)     =    101.77
Estimated coefficients     =     6           Prob > chi2      =    0.0000

```

BSIpar	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.3393488	.1094959	-3.10	0.002	-.5539567	-.1247408
magew	.0320568	.0094988	3.37	0.001	.0134394	.0506742
avgcumdosew	.1621083	.0761346	2.13	0.033	.0128873	.3113293
ranown	.0076983	.0019144	4.02	0.000	.0039461	.0114505
HavKm	-.0001316	.0000174	-7.55	0.000	-.0001658	-.0000974
_cons	9.402185	.4347765	21.63	0.000	8.550039	10.25433
rhos = .6614532 .5905928 .6911704 .5767321 .6609892 ... .6530512						

```

Date and time: 28 Mar 2012    04:53:58
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### male model for BSIPsyc

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =     3
                                                max =     3
Estimated covariances      =    340          R-squared      =    0.5560
Estimated autocorrelations =    340          Wald chi2(1)     =     0.00
Estimated coefficients     =     2           Prob > chi2      =    1.0000

```

BSIpsyc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>3.75e-14</b>	<b>.0430362</b>	<b>0.00</b>	<b>1.000</b>	<b>-.0843494</b>	<b>.0843494</b>
_cons	<b>6.458824</b>	<b>.1103224</b>	<b>58.54</b>	<b>0.000</b>	<b>6.242596</b>	<b>6.675051</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1020
Time variable:    wave                    Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg              =         3
                                                max              =         3
Estimated covariances      =       340      R-squared          =       0.5746
Estimated autocorrelations =       340      Wald chi2(4)       =       27.56
Estimated coefficients     =         5      Prob > chi2        =       0.0000

```

BSIpsyc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.0001177</b>	<b>.0005959</b>	<b>0.20</b>	<b>0.843</b>	<b>-.0010501</b>	<b>.0012856</b>
avgcumdosew	<b>.0241565</b>	<b>.0245594</b>	<b>0.98</b>	<b>0.325</b>	<b>-.0239791</b>	<b>.0722921</b>
ranown	<b>.0058753</b>	<b>.0017812</b>	<b>3.30</b>	<b>0.001</b>	<b>.0023842</b>	<b>.0093665</b>
HavKm	<b>-.0000434</b>	<b>.000012</b>	<b>-3.62</b>	<b>0.000</b>	<b>-.0000668</b>	<b>-.0000199</b>
_cons	<b>6.405462</b>	<b>.2912794</b>	<b>21.99</b>	<b>0.000</b>	<b>5.834565</b>	<b>6.976359</b>
rhos = .6670895 .6670756 .666832 .6670879 .667287 ... .6670895						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =       1020
Time variable:    wave                    Number of groups   =       340
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg              =         3
                                                max              =         3
Estimated covariances      =       340      R-squared          =       0.5747
Estimated autocorrelations =       340      Wald chi2(5)       =       27.75
Estimated coefficients     =         6      Prob > chi2        =       0.0000

```

BSIpsyc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0118236	.0433378	-0.27	0.785	-.0967641	.0731169
magew	.0001897	.0005985	0.32	0.751	-.0009833	.0013627
avgcumdosew	.0258878	.0252032	1.03	0.304	-.0235095	.0752851
ranown	.0058726	.0017833	3.29	0.001	.0023775	.0093677
HavKm	-.0000433	.000012	-3.61	0.000	-.0000668	-.0000198
_cons	6.424193	.3031745	21.19	0.000	5.829982	7.018404
rhos = .6671214 .6671056 .6672388 .6671196 .6673563 ... .6671214						

```

                                Date and time: 28 Mar 2012    04:54:05
                                Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### female model for BSIpsyc

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs      =      1089
Time variable:   wave                     Number of groups   =      363
Panels:          heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)       avg =        3
                                                max =        3
Estimated covariances      =      363      R-squared          =      0.5139
Estimated autocorrelations =      363      Wald chi2(1)       =      0.00
Estimated coefficients     =        2      Prob > chi2        =      1.0000

```

BSIpsyc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	4.12e-14	.052356	0.00	1.000	-.1026158	.1026158
_cons	7.46832	.1342134	55.65	0.000	7.205266	7.731373
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.6023
Estimated autocorrelations =       358      Wald chi2(4)       =       91.58
Estimated coefficients      =         5      Prob > chi2        =       0.0000

```

BSIpsyc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0111993	.0045659	2.45	0.014	.0022502	.0201483
avgcumdosew	.2355126	.0470263	5.01	0.000	.1433426	.3276825
ranown	.0046085	.0012097	3.81	0.000	.0022375	.0069794
HavKm	-.0000483	9.81e-06	-4.93	0.000	-.0000676	-.0000291
_cons	6.996985	.2663207	26.27	0.000	6.475006	7.518964
rhos = .6542085 .6674738 .6654947 .6312918 .6524659 ... .1636306						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1074
Time variable:    wave              Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)        avg =         3
                                                max =         3
Estimated covariances      =       358      R-squared          =       0.6076
Estimated autocorrelations =       358      Wald chi2(5)       =      127.47
Estimated coefficients      =         6      Prob > chi2        =       0.0000

```

BSIpsyc	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.4173409	.0787057	-5.30	0.000	-.5716012	-.2630806
magew	.0350591	.006916	5.07	0.000	.0215041	.0486142
avgcumdosew	.2840319	.0471464	6.02	0.000	.1916267	.376437
ranown	.0040604	.0012828	3.17	0.002	.001546	.0065747
HavKm	-.0000477	.0000106	-4.51	0.000	-.0000684	-.000027
_cons	7.000111	.2830319	24.73	0.000	6.445378	7.554843
rhos = .6589078 .6712873 .6711463 .6514302 .6548926 ... .446155						

```
39 .
40 .
41 . subtitle "Coping and PTSD scale tests"
```

---

```
                                Date and time: 28 Mar 2012    04:54:13
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory
```

---

### **Coping and PTSD scale tests**

---

```
42 .
43 .
44 .
45 .
46 . foreach dvar in CSprbslv CSsocspt CSavoid MiPTSD {
    2. subtitle "male model for `dvar'"
    3. xtpcse `dvar' wave if gender==1, hetonly corr(psar1) rhotype(tscorr) nmk
    4. xtpcse `dvar' mage avgcumdosew ranown HavKm if gender==1, hetonly corr(ps
> ar1) rhotype(tscorr) nmk
    5. xtpcse `dvar' wave mage avgcumdosew ranown HavKm if gender==1, hetonly co
> rr(psar1) rhotype(tscorr) nmk
    6. subtitle "female model for `dvar'"
    7. xtpcse `dvar' wave if gender==2, hetonly corr(psar1) rhotype(tscorr) nmk
    8. xtpcse `dvar' mage avgcumdosew ranown HavKm if gender==2, hetonly corr(p
> sar1) rhotype(tscorr) nmk
    9. xtpcse `dvar' wave mage avgcumdosew ranown HavKm if gender==2, hetonly co
> rr(psar1) rhotype(tscorr) nmk
    10. }
```

---

```
                                Date and time: 28 Mar 2012    04:54:13
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory
```

---

### **male model for CSprbslv**

---

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1014
Time variable:   wave                    Number of groups =    338
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)       avg =           3
                                                max =           3
Estimated covariances      =    338          R-squared       =    0.8031
Estimated autocorrelations =    338          Wald chi2(1)      =    0.00
Estimated coefficients      =     2           Prob > chi2       =    1.0000
  
```

CSprbslv	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	1.08e-13	.0948127	0.00	1.000	-.1858295	.1858295
_cons	25.60355	.2430505	105.34	0.000	25.12718	26.07992
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1014
Time variable:   wave                    Number of groups =    338
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)       avg =           3
                                                max =           3
Estimated covariances      =    338          R-squared       =    0.8078
Estimated autocorrelations =    338          Wald chi2(4)      =    58.29
Estimated coefficients      =     5           Prob > chi2       =    0.0000
  
```

CSprbslv	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0074779	.0012522	5.97	0.000	.0050237	.0099322
avgcumdosew	.0043816	.0533382	0.08	0.935	-.1001593	.1089226
ranown	.0131371	.0028131	4.67	0.000	.0076236	.0186506
HavKm	.0000698	.000024	2.91	0.004	.0000228	.0001168
_cons	22.6541	.6012192	37.68	0.000	21.47573	23.83247
rhos = .6658066 .6663461 .6673815 .6647588 .6676433 ... .6683455						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1014
Time variable:   wave                     Number of groups =    338
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)       avg           =     3
                                                max           =     3
Estimated covariances      =    338          R-squared       =    0.8079
Estimated autocorrelations =    338          Wald chi2(5)      =    54.93
Estimated coefficients     =     6           Prob > chi2       =    0.0000

```

CSprbslv	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0728626	.0969682	-0.75	0.452	-.2629168	.1171915
magew	.0079209	.0013696	5.78	0.000	.0052365	.0106053
avgcumdosew	.0146769	.0543067	0.27	0.787	-.0917623	.121116
ranown	.0131033	.0028477	4.60	0.000	.0075218	.0186848
HavKm	.0000702	.0000243	2.89	0.004	.0000227	.0001178
_cons	22.77421	.6318958	36.04	0.000	21.53571	24.0127
rhos = .6658649 .6663548 .6674407 .6650063 .6677558 ... .6687628						

```

Date and time: 28 Mar 2012 04:54:19
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for CSprbslv

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1083
Time variable:   wave                     Number of groups =    361
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)       avg           =     3
                                                max           =     3
Estimated covariances      =    361          R-squared       =    0.7775
Estimated autocorrelations =    361          Wald chi2(1)      =     0.00
Estimated coefficients     =     2           Prob > chi2       =    1.0000

```

CSprbslv	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>1.20e-13</b>	<b>.0947032</b>	<b>0.00</b>	<b>1.000</b>	<b>-.1856149</b>	<b>.1856149</b>
_cons	<b>24.46814</b>	<b>.2427698</b>	<b>100.79</b>	<b>0.000</b>	<b>23.99232</b>	<b>24.94396</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1068
Time variable:   wave                    Number of groups =      356
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      356      R-squared        =      0.7973
Estimated autocorrelations =      356      Wald chi2(4)       =      29.49
Estimated coefficients     =       5       Prob > chi2        =      0.0000

```

CSprbslv	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>-.0063763</b>	<b>.0089421</b>	<b>-0.71</b>	<b>0.476</b>	<b>-.0239025</b>	<b>.0111499</b>
avgcumdosew	<b>.0587042</b>	<b>.0680578</b>	<b>0.86</b>	<b>0.388</b>	<b>-.0746867</b>	<b>.1920951</b>
ranown	<b>.0033967</b>	<b>.0021224</b>	<b>1.60</b>	<b>0.110</b>	<b>-.0007631</b>	<b>.0075566</b>
HavKm	<b>-.0000999</b>	<b>.0000197</b>	<b>-5.08</b>	<b>0.000</b>	<b>-.0001385</b>	<b>-.0000614</b>
_cons	<b>25.67078</b>	<b>.4876432</b>	<b>52.64</b>	<b>0.000</b>	<b>24.71501</b>	<b>26.62654</b>
rhos = .6650089 .6648637 .6687767 .6578523 .6657357 ... .6638912						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1068
Time variable:   wave                    Number of groups =      356
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      356      R-squared        =      0.7960
Estimated autocorrelations =      356      Wald chi2(5)       =      28.67
Estimated coefficients     =       6       Prob > chi2        =      0.0000

```

CSprbslv	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	.0625184	.1465519	0.43	0.670	-.224718	.3497547
magew	-.0099743	.0130062	-0.77	0.443	-.035466	.0155173
avgcumdosew	.048971	.067404	0.73	0.468	-.0831384	.1810804
ranown	.0034753	.0021833	1.59	0.111	-.0008038	.0077544
HavKm	-.0000999	.0000199	-5.02	0.000	-.0001389	-.0000609
_cons	25.67353	.4894439	52.45	0.000	24.71423	26.63282
rhos = .6648748 .6647128 .6691322 .6580271 .6656265 ... .6637251						

```

                                Date and time: 28 Mar 2012    04:54:26
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### male model for CSsocspt

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1020
Time variable:  wave                    Number of groups   =      340
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                              max =        3
Estimated covariances =        340        R-squared          =      0.7063
Estimated autocorrelations =        340    Wald chi2(1)        =      0.00
Estimated coefficients =        2         Prob > chi2         =      1.0000

```

CSsocspt	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	9.00e-14	.111763	0.00	1.000	-.2190515	.2190515
_cons	23.24706	.2865022	81.14	0.000	22.68552	23.80859
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =           3
                                                max =           3

Estimated covariances      =    340          R-squared       =    0.7386
Estimated autocorrelations =    340          Wald chi2(4)       =    26.72
Estimated coefficients     =     5           Prob > chi2        =    0.0000

```

CSsocspt	Het-corrected					[95% Conf. Interval]	
	Coef.	Std. Err.	z	P> z			
magew	-.0045664	.0010716	-4.26	0.000	-.0066667	-.0024661	
avgcumdosew	.0726635	.0714121	1.02	0.309	-.0673017	.2126287	
ranown	.0041764	.0032875	1.27	0.204	-.002267	.0106199	
HavKm	-.0000679	.0000307	-2.21	0.027	-.000128	-7.80e-06	
_cons	23.9087	.774566	30.87	0.000	22.39057	25.42682	
rhos = .6657307 .6670558 .668518 .6676063 .6655713 ... .6678422							

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =    1020
Time variable:   wave                    Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)        avg =           3
                                                max =           3

Estimated covariances      =    340          R-squared       =    0.7370
Estimated autocorrelations =    340          Wald chi2(5)       =    36.29
Estimated coefficients     =     6           Prob > chi2        =    0.0000

```

CSsocspt	Het-corrected					[95% Conf. Interval]	
	Coef.	Std. Err.	z	P> z			
wave	.011156	.11469	0.10	0.923	-.2136322	.2359443	
magew	-.0046356	.0008636	-5.37	0.000	-.0063283	-.0029429	
avgcumdosew	.0711428	.0734264	0.97	0.333	-.0727703	.2150559	
ranown	.00418	.0032911	1.27	0.204	-.0022704	.0106304	
HavKm	-.000068	.0000308	-2.21	0.027	-.0001283	-7.71e-06	
_cons	23.89102	.8014771	29.81	0.000	22.32015	25.46188	
rhos = .6657326 .6670562 .6685418 .6676085 .6655712 ... .6678455							

```

                                Date and time: 28 Mar 2012    04:54:33
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### female model for CSsocspt

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs      =    1089
Time variable:  wave              Number of groups   =    363
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =           3
                                              max =           3
Estimated covariances      =    363      R-squared          =    0.7431
Estimated autocorrelations =    363      Wald chi2(1)         =    0.00
Estimated coefficients      =     2       Prob > chi2          =    1.0000

```

CSsocspt	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	1.23e-13	.1068649	0.00	1.000	-.2094514	.2094514
_cons	25.18733	.273946	91.94	0.000	24.6504	25.72425
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs      =    1074
Time variable:  wave              Number of groups   =    358
Panels:         heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =           3
                                              max =           3
Estimated covariances      =    358      R-squared          =    0.7696
Estimated autocorrelations =    358      Wald chi2(4)         =    31.54
Estimated coefficients      =     5       Prob > chi2          =    0.0000

```

CSsocspt	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0393509	.0092576	4.25	0.000	.0212063	.0574955
avgcumdosew	-.1488648	.0922447	-1.61	0.107	-.3296611	.0319314
ranown	-.0020769	.0020784	-1.00	0.318	-.0061506	.0019967
HavKm	-.0000731	.0000221	-3.31	0.001	-.0001164	-.0000297
_cons	25.07931	.5111626	49.06	0.000	24.07745	26.08117
rhos = .647457 .6616374 .6631927 .6706086 .670095 ... .6701549						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =      1074
Time variable:    wave                    Number of groups   =      358
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =        3
                                                max =        3
Estimated covariances      =      358      R-squared          =      0.7633
Estimated autocorrelations =      358      Wald chi2(5)       =      53.71
Estimated coefficients     =        6      Prob > chi2        =      0.0000

```

CSsocspt	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.5764848	.1407418	-4.10	0.000	-.8523336	-.300636
magew	.0713015	.0104558	6.82	0.000	.0508084	.0917946
avgcumdosew	-.0513008	.0950013	-0.54	0.589	-.2374999	.1348983
ranown	-.0026391	.0022055	-1.20	0.231	-.0069618	.0016835
HavKm	-.0000718	.0000234	-3.07	0.002	-.0001177	-.0000259
_cons	25.041	.4693527	53.35	0.000	24.12109	25.96091
rhos = .6512939 .6616199 .6630101 .6742226 .6734682 ... .6725263						

```

Date and time: 28 Mar 2012    04:54:41
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

male model for CSavoid

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1014
Time variable:    wave              Number of groups   =       338
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =          3
                                                max =          3

Estimated covariances      =       338      R-squared          =       0.7648
Estimated autocorrelations =       338      Wald chi2(1)         =       0.00
Estimated coefficients     =        2       Prob > chi2          =       1.0000

```

CSavoid	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	6.43e-14	.0736879	0.00	1.000	-.1444257	.1444257
_cons	17.76923	.1888975	94.07	0.000	17.399	18.13946
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                Number of obs      =       1014
Time variable:    wave              Number of groups   =       338
Panels:           heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)        avg =          3
                                                max =          3

Estimated covariances      =       338      R-squared          =       0.7771
Estimated autocorrelations =       338      Wald chi2(4)         =       71.82
Estimated coefficients     =        5       Prob > chi2          =       0.0000

```

CSavoid	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	-.005092	.0007222	-7.05	0.000	-.0065076	-.0036765
avgcumdosew	-.0233122	.0345966	-0.67	0.500	-.0911203	.0444959
ranown	.0015735	.0021995	0.72	0.474	-.0027374	.0058843
HavKm	-.0000935	.0000179	-5.21	0.000	-.0001287	-.0000583
_cons	19.24249	.4570231	42.10	0.000	18.34674	20.13823
rhos = .6671826 .6670437 .6681588 .6678204 .6663416 ... .6658434						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1014
Time variable:   wave              Number of groups =    338
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    338      R-squared      =    0.7796
Estimated autocorrelations =    338      Wald chi2(5)    =    81.54
Estimated coefficients     =     6       Prob > chi2     =    0.0000

```

CSavoid	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	.0587282	.0748112	0.79	0.432	-.087899	.2053554
magew	-.0054533	.000711	-7.67	0.000	-.0068468	-.0040597
avgcumdosew	-.0317371	.0350352	-0.91	0.365	-.1004047	.0369306
ranown	.0016048	.0022195	0.72	0.470	-.0027453	.0059548
HavKm	-.0000939	.0000181	-5.19	0.000	-.0001293	-.0000584
_cons	19.14521	.4842536	39.54	0.000	18.19609	20.09433
rhos = .6672502 .6670766 .6688275 .6684858 .6663715 ... .665944						

```

Date and time: 28 Mar 2012 04:54:48
Working directory: /Users/robertyafee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta
Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

#### female model for CSavoid

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1083
Time variable:   wave              Number of groups =    361
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    361      R-squared      =    0.8003
Estimated autocorrelations =    361      Wald chi2(1)    =     0.00
Estimated coefficients     =     2       Prob > chi2     =    1.0000

```

CSavoid	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	<b>7.74e-14</b>	<b>.0686264</b>	<b>0.00</b>	<b>1.000</b>	<b>-.1345052</b>	<b>.1345052</b>
_cons	<b>18.98892</b>	<b>.1759224</b>	<b>107.94</b>	<b>0.000</b>	<b>18.64412</b>	<b>19.33372</b>
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1068
Time variable:   wave                    Number of groups =      356
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      356      R-squared       =      0.8131
Estimated autocorrelations =      356      Wald chi2(4)      =      23.37
Estimated coefficients     =       5       Prob > chi2       =      0.0001

```

CSavoid	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	<b>.0035388</b>	<b>.0057864</b>	<b>0.61</b>	<b>0.541</b>	<b>-.0078023</b>	<b>.01488</b>
avgcumdosew	<b>.0695498</b>	<b>.0643763</b>	<b>1.08</b>	<b>0.280</b>	<b>-.0566254</b>	<b>.1957251</b>
ranown	<b>.0021795</b>	<b>.001691</b>	<b>1.29</b>	<b>0.197</b>	<b>-.0011348</b>	<b>.0054938</b>
HavKm	<b>-.0000627</b>	<b>.0000155</b>	<b>-4.06</b>	<b>0.000</b>	<b>-.000093</b>	<b>-.0000324</b>
_cons	<b>19.4351</b>	<b>.3770007</b>	<b>51.55</b>	<b>0.000</b>	<b>18.6962</b>	<b>20.17401</b>
rhos = .6662704 .6671824 .6644617 .6659513 .6672387 ... .6668289						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                      Number of obs   =      1068
Time variable:   wave                    Number of groups =      356
Panels:          heteroskedastic (balanced)  Obs per group: min =       3
Autocorrelation: panel-specific AR(1)        avg           =       3
                                                max           =       3
Estimated covariances      =      356      R-squared       =      0.8103
Estimated autocorrelations =      356      Wald chi2(5)      =      22.77
Estimated coefficients     =       6       Prob > chi2       =      0.0004

```

CSavoid	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.1317692	.1003899	-1.31	0.189	-.3285297	.0649913
magew	.0109876	.008301	1.32	0.186	-.0052822	.0272573
avgcumdosew	.0910715	.0657982	1.38	0.166	-.0378906	.2200335
ranown	.002003	.0017768	1.13	0.260	-.0014795	.0054854
HavKm	-.0000632	.0000161	-3.92	0.000	-.0000948	-.0000316
_cons	19.43947	.4042889	48.08	0.000	18.64708	20.23186
rhos = .6660133 .6678225 .6644318 .6656438 .6708013 ... .6672296						

```

                                Date and time: 28 Mar 2012    04:54:55
                                Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
                                Stata data file: ch3wMaster27mar2012.d
> ta
                                Stata version: 12.1
                                Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
                                using 33554432 bytes of memory

```

#### male model for MiPTSD

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                      Number of obs      =      1020
Time variable:  wave                     Number of groups   =      340
Panels:         heteroskedastic (balanced)  Obs per group: min =        3
Autocorrelation: panel-specific AR(1)      avg =        3
                                              max =        3
Estimated covariances      =      340      R-squared          =      0.6960
Estimated autocorrelations =      340      Wald chi2(1)        =      0.00
Estimated coefficients      =        2      Prob > chi2          =      1.0000

```

MiPTSD	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	1.80e-13	.2323633	0.00	1.000	-.4554237	.4554237
_cons	47.15588	.5956586	79.17	0.000	45.98841	48.32335
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    340      R-squared      =    0.6998
Estimated autocorrelations =    340      Wald chi2(4)     =    15.21
Estimated coefficients     =     5       Prob > chi2      =    0.0043
  
```

MiPTSD	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0031026	.0077396	0.40	0.689	-.0120669	.018272
avgcumdosew	.0720573	.1267716	0.57	0.570	-.1764106	.3205251
ranown	.0229675	.007751	2.96	0.003	.0077759	.0381591
HavKm	-.0000617	.0000689	-0.90	0.371	-.0001968	.0000734
_cons	45.1816	1.788424	25.26	0.000	41.67635	48.68684
rhos = .6666204 .6666444 .6668236 .6666571 .6667029 ... .6666524						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:   id                Number of obs   =    1020
Time variable:   wave              Number of groups =    340
Panels:          heteroskedastic (balanced)  Obs per group: min =     3
Autocorrelation: panel-specific AR(1)      avg =     3
                                              max =     3
Estimated covariances      =    340      R-squared      =    0.6998
Estimated autocorrelations =    340      Wald chi2(5)     =    15.18
Estimated coefficients     =     6       Prob > chi2      =    0.0096
  
```

MiPTSD	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-.0612721	.2476943	-0.25	0.805	-.5467441	.4241999
magew	.0034736	.008213	0.42	0.672	-.0126235	.0195707
avgcumdosew	.0807494	.1299224	0.62	0.534	-.1738939	.3353927
ranown	.0229458	.0077591	2.96	0.003	.0077383	.0381533
HavKm	-.0000612	.0000691	-0.89	0.376	-.0001967	.0000743
_cons	45.28041	1.82289	24.84	0.000	41.70762	48.85321
rhos = .6666616 .6666581 .6676253 .6666643 .6669802 ... .6666642						

```

Date and time: 28 Mar 2012    04:55:02
Working directory: /Users/robertyaffee
> /Documents/data/research/chwk/phase3/data/panel
Stata data file: ch3wMaster27mar2012.d
> ta

Stata version: 12.1
Operating system: MacOSX 10.6.8 on
> Macintosh (Intel 64-bit) with 4 processors
using 33554432 bytes of memory

```

# female model for MiPTSD

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1089
Time variable:  wave              Number of groups  =    363
Panels:         heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)      avg =    3
                                              max =    3

Estimated covariances      =    363      R-squared        =    0.7116
Estimated autocorrelations =    363      Wald chi2(1)       =    0.00
Estimated coefficients     =    2        Prob > chi2        =    1.0000

```

MiPTSD	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	2.19e-13	.2276977	0.00	1.000	-.4462792	.4462792
_cons	49.56749	.5836984	84.92	0.000	48.42347	50.71152
rhos = .6666667 .6666667 .6666667 .6666667 .6666667 ... .6666667						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:  id                Number of obs    =    1074
Time variable:  wave              Number of groups  =    358
Panels:         heteroskedastic (balanced)  Obs per group: min =    3
Autocorrelation: panel-specific AR(1)      avg =    3
                                              max =    3

Estimated covariances      =    358      R-squared        =    0.7533
Estimated autocorrelations =    358      Wald chi2(4)     =    85.20
Estimated coefficients     =    5        Prob > chi2        =    0.0000

```

MiPTSD	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
magew	.0889706	.0190507	4.67	0.000	.0516319	.1263093
avgcumdosew	.4136033	.2505928	1.65	0.099	-.0775495	.9047562
ranown	-.0010331	.0058733	-0.18	0.860	-.0125446	.0104784
HavKm	-.0003153	.0000467	-6.76	0.000	-.0004068	-.0002239
_cons	50.39293	1.213166	41.54	0.000	48.01517	52.77069
rhos = .6308369 .663642 .5456668 .6067794 .5645619 ... .0660886						

Prais-Winsten regression, heteroskedastic panels corrected standard errors

```

Group variable:    id                      Number of obs      =      1074
Time variable:    wave                    Number of groups   =       358
Panels:           heteroskedastic (balanced)  Obs per group: min =         3
Autocorrelation: panel-specific AR(1)         avg =         3
                                                max =         3

Estimated covariances      =       358      R-squared          =      0.7749
Estimated autocorrelations =       358      Wald chi2(5)        =      122.71
Estimated coefficients      =         6      Prob > chi2         =      0.0000

```

MiPTSD	Het-corrected					
	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
wave	-1.955396	.3172097	-6.16	0.000	-2.577115	-1.333676
magew	.1977188	.0272144	7.27	0.000	.1443795	.2510581
avgcumdosew	.6819366	.2296758	2.97	0.003	.2317804	1.132093
ranown	-.0030677	.0061659	-0.50	0.619	-.0151525	.0090172
HavKm	-.0003118	.0000502	-6.21	0.000	-.0004102	-.0002134
_cons	50.43367	1.283125	39.31	0.000	47.91879	52.94855
rhos = .6463241 .6797384 .6184627 .6377968 .601455 ... .5570485						

47 .  
48 .