EViews

File Edit Object View Proc Quick Options Add-ins Window Help

Workfile: MOOD - (c:\work...

View Proc Object Save Freeze Details+/-

Range: 1 170 *

Sample: 1 170 -- 170 obs

- aaa_nega_affect
- aaa_posi_affect
- c
- legend
- nega
- posi
- rain_abs
- rain_rel
- resid
- subjective
- sun
- vote_choice

Untitled | New Page

Text: LEGEND Workfile: MOO...

View Proc Object Print Name Cut Copy P

```
VARIABLES
==========================================
nega                Negative affect
posi                Positive affect
rain_abs            Absolute Precipitation
rain_rel            Relative Precipitation
subjective          Subjective Weather
sun                 Objective Weather
vote_choice         Selected Choice by subject

TABLES*
==========================================
aaa_nega_affect     Results for negative affect
aaa_posi_affect     Results for positive affect
------------------------------------------

*See Table 5 in main text for a description of
 the tables' content.
```

Table: AAA_POSI_AFFECT Workfile: MO...

View Proc Object Print Name Edit+/- CellFmt Grid+/-

	A	B	C	D
1			Positive Affect	
2	Intercept		11.371	***
3			(0.360)	
4	Mood		-0.519	**
5			(0.241)	
6				
7				
8	==========		==========	
9				
10				
11	**Sobel**			
12	Objective Weather		-2.602	
13			[0.009]	
14	Relative Precipitation		-1.516	
15			[0.130]	
16	Absolute Precipitation		0.614	
17			[0.539]	
18	Subjective Weather		0.576	
19			[0.564]	
20				
21				

Table: AAA_NEGA_AFFECT Workfile: M...

View Proc Object Print Name Edit+/- CellFmt Grid+/

	A	B	C	D	E
1			Negative Affect		
2	Intercept		11.371	***	
3			(0.378)		
4	Mood		-0.071		
5			(0.446)		
6					
7					
8	==========		==========		
9					
10					
11	**Sobel**				
12	Objective Weather		-0.687		
13			[0.492]		
14	Relative Precipitation		-0.058		
15			[0.954]		
16	Absolute Precipitation		-0.019		
17			[0.985]		
18	Subjective Weather		-0.114		
19			[0.909]		
20					
21					

Program: MOOD_REGRESSIONS - (c:\working files\mypapers\dropbox (personal)\other\jeps\replication_files_for_journal\mood_regressions.prg)

Run Print Save SaveAs Cut Copy Paste InsertTxt Find Replace Wrap+/- LineNum+/- Encrypt

```
'Standadize variables
genr sun_std=(sun-@mean(sun))/@stdev(sun)
genr rain_rel_std=(rain_rel-@mean(rain_rel))/@stdev(rain_rel)
genr rain_abs_std=(rain_abs-@mean(rain_abs))/@stdev(rain_abs)
genr subjective_std=(subjective-@mean(subjective))/@stdev(subjective)
%var="nega"    ' Write "posi" for the positive affect, or "nega" for negative affect
' Standardize mood related variable
genr {%var}_std={%var}-@mean({%var}))/@stdev({%var})
'Negative affect system
system {%var}_aff_sys
system {%var}_aff_sys_sobel_1
system {%var}_aff_sys_sobel_2

{%var}_aff_sys.append vote_choice=c(1)+c(2)*{%var}_std @ c {%var}_std
{%var}_aff_sys.gmm(bw=10)
vector temp_coefs={%var}_aff_sys.@coefs
vector temp_stderrs={%var}_aff_sys.@stderrs

equation {%var}_aff_sys_comp.ls {%var}_std=c(3)*sun_std+c(4)*rain_rel_std+c(5)*rain_abs_std+c(6)*subjective_std

'Sobel
!counter=1
for %weather_var sun_std rain_rel_std rain_abs_std subjective_std
    {%var}_aff_sys_sobel_1.append {%var}_std=c(10)+c(11)*{%weather_var} @ c {%weather_var}
    {%var}_aff_sys_sobel_1.gmm(bw=10)
    vector temp_coefs_sobel_1={%var}_aff_sys_sobel_1.@coefs
    vector temp_stderrs_sobel_1={%var}_aff_sys_sobel_1.@stderrs

    {%var}_aff_sys_sobel_2.append vote_choice=c(7)+c(8)*{%var}_std+c(9)*{%weather_var} @ c {%var}_std {%weather_var}
    {%var}_aff_sys_sobel_2.gmm(bw=10)
    vector temp_coefs_sobel_2={%var}_aff_sys_sobel_2.@coefs
    vector temp_stderrs_sobel_2={%var}_aff_sys_sobel_2.@stderrs

    aaa_{%var}_affect(12+(!counter-1)*2,3) = temp_coefs_sobel_2(3)*temp_coefs_sobel_1(2)/sqr(temp_coefs_sobel_1(2)^2*temp_stderrs_sobel_2(3)^2+temp_coefs_sobel_2(3)^2*temp_stderrs_sobel_1(2)^2)
    aaa_{%var}_affect(13+(!counter-1)*2,3) = @cnorm(-abs(temp_coefs_sobel_2(3)*temp_coefs_sobel_1(2)/sqr(temp_coefs_sobel_1(2)^2*temp_stderrs_sobel_2(3)^2+temp_coefs_sobel_2(3)^2*temp_stderrs_sobel_1(2)^2)))*2
    'Update counter
    !counter = !counter+1
next

'Store results
' First store coefficients
for !tab_ind=1 to 2
    aaa_{%var}_affect(2+(!tab_ind-1)*2,3)=temp_coefs(!tab_ind)
    aaa_{%var}_affect(3+(!tab_ind-1)*2,3)=temp_stderrs(!tab_ind)
    ' Assign significance stars
    ' 10% significance
    if abs(temp_coefs(!tab_ind)/temp_stderrs(!tab_ind))<1.6449 then
        aaa_{%var}_affect(2+(!tab_ind-1)*2,3+1)=""
    else
    endif
    ' 10% significance
    if abs(temp_coefs(!tab_ind)/temp_stderrs(!tab_ind))>1.6449 then
        aaa_{%var}_affect(2+(!tab_ind-1)*2,3+1)="*"
    else
    endif
    ' 5% significance
    if abs(temp_coefs(!tab_ind)/temp_stderrs(!tab_ind))>1.96 then
        aaa_{%var}_affect(2+(!tab_ind-1)*2,3+1)="**"
    else
    endif
    ' 1% significance
    if abs(temp_coefs(!tab_ind)/temp_stderrs(!tab_ind))>2.5758 then
        aaa_{%var}_affect(2+(!tab_ind-1)*2,3+1)="***"
    else
    endif
next ' Ends loop on storing coefficients

'Housekeeping
d "temp* "_aff_sys" "_std
```