■SPSSシンタックス・ファイル

```
***********************************************************
*        「都道府県議会議員の選挙戦略と得票率」        *
*            レヴァイアサン 51号 2012年秋            *
*        分析用　SPSS シンタックス・ファイル          *
*                                                         *
*              (c)2012 Yoshitaka Nishizawa                *
***********************************************************.


***********************************************************
***********************************************************
* 意識調査の分析
***********************************************************
***********************************************************.
GET
   FILE='SOLaR2010_release3_2012May10_v1.sav'.

***********************************************************
* データの修正
***********************************************************.
if (id eq 1394) Mcands=2.

***********************************************************
* 「本選挙で当選をした議員」の定義に該当しないケース（繰り
* 上げ・補選などでの当選）を分析から除外
***********************************************************.
select if (
 id ne 214 and
 id ne 217 and
 id ne 331 and
 id ne 708 and
 id ne 795 and
 id ne 939 and
 id ne 1323 and
 id ne 1374 and
 id ne 2129 and
 id ne 2424 and
 id ne 2582 and
 id ne 206 and
 id ne 223 and
 id ne 981 and
 id ne 1251 and
 id ne 775).
execute.

***********************************************************
* STATAへの出力のために、欠損値コードを1つ（-99）に統一
***********************************************************.
recode
 q1_1_1 to q1_1_16,
 q1_2_1 to q1_2_16,
 q2_1_1 to q2_1_15,
 q2_2_1 to q2_2_15,
 q3 to q3sq5,
 q4_1st to q4_5th,
 q5_1st to q5_3rd,
 q6a to q7f,
 q8a_1 to q8f_9,
 q9a_1 to q9f_9,
 q10a1st to q10d5th,
 q11a to q11f,
 q12a, q12b_1 to q12b_7,
 q13_1 to q13_2f,
 q14a to q14h,
 q15a1st to q15f3rd,
 q16a to q17_2f,
 q18a, q18b,
 q19a to q30
 (-88=-99)(else=copy).
execute.
```

```
***************************************************
* 欠損値の指定
***************************************************.
missing values
 q1_1_1 to q1_1_16,
 q1_2_1 to q1_2_16,
 q2_1_1 to q2_1_15,
 q2_2_1 to q2_2_15,
 q3 to q3sq5,
 q4_1st to q4_5th,
 q5_1st to q5_3rd,
 q6a to q7f,
 q8a_1 to q8f_9,
 q9a_1 to q9f_9,
 q10a1st to q10d5th,
 q11a to q11f,
 q12a, q12b_1 to q12b_7,
 q13_1 to q13_2f,
 q14a to q14h,
 q15a1st to q15f3rd,
 q16a to q17_2f,
 q18a, q18b,
 q19a to q30
 (-99).
*************.

***************************************************
*  表1  選挙区状況-選挙区定数と無投票（当該調査）
***************************************************.
fre Mdistsize.
compute excand=Mcands-Mdistsize.
crosstabs tables=excand by Mdistsize
 /cells count column.

***************************************************
*  表2  選挙区状況-定数超の候補者数
***************************************************.
fre excand.

***************************************************
*  表3  選挙区状況に関する記述統計（当該調査）
***************************************************.
des Mdistsize Mcands excand.

***************************************************
*  表4  得票に関する記述統計
***************************************************.
compute DVshare=Mvotes/(Mtotalvotes/(Mdistsize +1))*100.
des Mvotes DVshare.

***************************************************
*  表5  得票シェアの分布状況
***************************************************.
compute DVshare100=trunc(DVshare/10) * 10.
fre DVshare100.

***************************************************
*  表6  得票シェアを従属変数とする回帰モデル：ベースモデル
***************************************************.
****************
* 所属政党
****************.
recode pty (3 thru 3.9=3)(11 thru highest=11)(else=copy) into pty11.

compute dpj=0.
if (pty11 = 2) dpj=1.
compute ldp=0.
if (pty11 = 3) ldp=1.
compute cgp=0.
if (pty11 = 4) cgp=1.
compute sdp=0.
```

```
if (pty11 = 5) sdp=1.
compute jcp=0.
if (pty11 = 6) jcp=1.
compute loc=0.
if (pty11=7 or pty11=8 or pty11=11) loc=1.

temporary.
select if (Mvotes >= 1).
freq dpj ldp cgp sdp jcp.

****************
* 第一次産業就業者率
****************.
compute prim=ci12005/cemp2005*100.
compute dpj_prim=dpj*prim.
compute ldp_prim=ldp*prim.

****************
* 選挙区サイズ識別変数
****************.
compute Dist3catego=-9.
if (Mdistsize = 1 and Mvotes >=1) Dist3catego=1.
if ((Mdistsize = 2 or Mdistsize =3) and Mvotes >=1) Dist3catego=2.
if (Mdistsize >= 4 and Mvotes >=1) Dist3catego=4.
missing values  Dist3catego (-9).

****************
* 回帰分析
****************.
sort cases by Dist3catego.
split file by Dist3catego.
reg var DVshare age Mterms Mcands
 dpj ldp cgp sdp jcp prim
 dpj_prim ldp_prim
/dep DVshare
/enter.
split file off.

**********************************************************
*   表7   有効な政治活動スタイル：因子分析による整理
**********************************************************.
do repeat
  act=pt5 rec5 net5 tsu5 koh5 tel5 pos5 iss5 lev5 evn5 it5
 /n  =1 to 11.
compute act=0.
if (q4_1st =n or q4_2nd =n or q4_3rd =n or q4_4th =n or q4_5th =n) act=1.
end repeat.

temporary.
select if (Mvotes >= 1).
fre pt5 to it5.

temporary.
select if (Mvotes >= 1).
fac var= pt5 to it5
 /save reg (4, polact).

**********************************************************
*   表8   得票シェアを従属変数とする回帰モデル：有効な政治活動
**********************************************************.
****************
* 政治活動スコアーと年齢のインターアクション項
****************.
compute a_pol1=age * polact1.
compute a_pol2=age * polact2.
compute a_pol3=age * polact3.
compute a_pol4=age * polact4.

****************
* 回帰分析
****************.
sort cases by Dist3catego.
```

```
split file by Dist3catego.
reg var DVshare age Mterms Mcands
 dpj ldp cgp sdp jcp prim
 dpj_prim ldp_prim
 polact1 to polact4
 a_pol1 to a_pol4
/dep DVshare
/enter.
split file off.


****************************************************************
*  表9  有効な選挙運動：因子分析による整理
****************************************************************.
do repeat
  camp=car phone rally issue poster
 /n  =1 to 5.
compute camp=0.
if (q5_1st =n or q5_2nd =n or q5_3rd =n) camp=1.
end repeat.

temporary.
select if (Mvotes >= 1).
fre car to poster.

temporary.
select if (Mvotes >= 1).
fac var= car to poster
 /save reg (3, camact).


****************************************************************
*  表10  得票シェアを従属変数とする回帰モデル：有効な選挙運動
****************************************************************.
*****************
* 選挙運動スコアーと年齢のインターアクション項
*****************.
compute a_cam1=age * camact1.
compute a_cam2=age * camact2.
compute a_cam3=age * camact3.

*****************
* 回帰分析
*****************.
sort cases by Dist3catego.
split file by Dist3catego.
reg var DVshare age Mterms Mcands
 dpj ldp cgp sdp jcp prim
 dpj_prim ldp_prim
 camact1 to camact3
 a_cam1 to a_cam3
/dep DVshare
/enter.
split file off.


****************************************************************
*  表11  得票シェアを従属変数とする回帰モデル：受けた選挙支援
****************************************************************.
*****************
* 受けた支援の集計
*****************.
compute sup_shugi=sum(q8a_1 to q8a_7).
compute sup_sangi=sum(q8b_1 to q8b_7).
compute sup_govnr=sum(q8c_1 to q8c_7).
compute sup_mayor=sum(q8e_1 to q8e_7).
compute sup_cityr=sum(q8f_1 to q8f_7).

*****************
*  （論理矛盾のある回答者の除外）
*****************.
compute s_a1to8=sum(q8a_1 to q8a_8).
compute s_b1to8=sum(q8b_1 to q8b_8).
compute s_c1to8=sum(q8c_1 to q8c_8).
compute s_e1to8=sum(q8e_1 to q8e_8).
```

```
compute s_f1to8=sum(q8f_1 to q8f_8).

if ((s_a1to8 ge 1 and q8a_9 eq 1) or (s_a1to8 =0 and q8a_9=0)) sup_shugi=-9.
if ((s_b1to8 ge 1 and q8b_9 eq 1) or (s_b1to8 =0 and q8b_9=0)) sup_sangi=-9.
if ((s_c1to8 ge 1 and q8c_9 eq 1) or (s_c1to8 =0 and q8c_9=0)) sup_govnr=-9.
if ((s_e1to8 ge 1 and q8e_9 eq 1) or (s_e1to8 =0 and q8e_9=0)) sup_mayor=-9.
if ((s_f1to8 ge 1 and q8f_9 eq 1) or (s_f1to8 =0 and q8f_9=0)) sup_cityr=-9.

missing values sup_shugi sup_sangi sup_govnr sup_mayor sup_cityr (-9).

temporary.
select if (Mvotes >= 1).
des sup_shugi sup_sangi sup_govnr sup_mayor sup_cityr.

****************
* 受けた支援と年齢のインターアクション項
****************.
compute a_s_shugi=age * sup_shugi.
compute a_s_sangi=age * sup_sangi.
compute a_s_govnr=age * sup_govnr.
compute a_s_mayor=age * sup_mayor.
compute a_s_cityr   =age * sup_cityr.

****************
* 回帰分析
****************.
sort cases by Dist3catego.
split file by Dist3catego.
reg var DVshare age Mterms Mcands
 dpj ldp cgp sdp jcp prim
 dpj_prim ldp_prim
 sup_shugi sup_sangi sup_govnr sup_mayor sup_cityr
 a_s_shugi to a_s_cityr
/dep DVshare
/enter.
split file off.


************************************************************
*  表12  得票シェアを従属変数とする回帰モデル：行った選挙支援
************************************************************.
****************
* 行った支援の集計
****************.
compute hel_shugi=sum(q9a_1 to q9a_7).
compute hel_sangi=sum(q9b_1 to q9b_7).
compute hel_govnr=sum(q9c_1 to q9c_7).
compute hel_mayor=sum(q9e_1 to q9e_7).
compute hel_cityr=sum(q9f_1 to q9f_7).

****************
* （論理矛盾のある回答者の除外）
****************.
compute h_a1to8=sum(q9a_1 to q9a_8).
compute h_b1to8=sum(q9b_1 to q9b_8).
compute h_c1to8=sum(q9c_1 to q9c_8).
compute h_e1to8=sum(q9e_1 to q9e_8).
compute h_f1to8=sum(q9f_1 to q9f_8).

if ((h_a1to8 ge 1 and q9a_9 eq 1) or (h_a1to8 =0 and q9a_9=0)) hel_shugi=-9.
if ((h_b1to8 ge 1 and q9b_9 eq 1) or (h_b1to8 =0 and q9b_9=0)) hel_sangi=-9.
if ((h_c1to8 ge 1 and q9c_9 eq 1) or (h_c1to8 =0 and q9c_9=0)) hel_govnr=-9.
if ((h_e1to8 ge 1 and q9e_9 eq 1) or (h_e1to8 =0 and q9e_9=0)) hel_mayor=-9.
if ((h_f1to8 ge 1 and q9f_9 eq 1) or (h_f1to8 =0 and q9f_9=0)) hel_cityr=-9.

missing values hel_shugi hel_sangi hel_govnr hel_mayor hel_cityr (-9).

temporary.
select if (Mvotes >= 1).
des hel_shugi hel_sangi hel_govnr hel_mayor hel_cityr.

****************
```

```
* 行った支援と年齢のインターアクション項
****************.
compute a_h_shugi=age * hel_shugi.
compute a_h_sangi=age * hel_sangi.
compute a_h_govnr=age * hel_govnr.
compute a_h_mayor=age * hel_mayor.
compute a_h_cityr  =age * hel_cityr.

****************
* 回帰分析
****************.
sort cases by Dist3catego.
split file by Dist3catego.
reg var DVshare age Mterms Mcands
 dpj ldp cgp sdp jcp prim
 dpj_prim ldp_prim
 hel_shugi hel_sangi hel_govnr hel_mayor hel_cityr
 a_h_shugi to a_h_cityr
/dep DVshare
/enter.
split file off.

************************************************************
* 3節・注5  選挙区定数ごとの有権者数
************************************************************.
temporary.
select if (Mvotes >= 1).
means Mtotalvotes by Dist3catego.



************************************************************
* 8節・注15  選挙区定数ごとの定数超候補者数（平均値）
************************************************************.
temporary.
select if (Mvotes >= 1).
means excand by Mdistsize.
means excand by  Dist3catego.


************************************************************
* 8節  受けた支援・行った支援：形態ごとの言及率
************************************************************.
temporary.
select if (Mvotes >= 1).
fre q8f_1 to q8f_8 q9a_1 to q9a_7.





************************************************************
* STATA用のデータの出力
************************************************************.
save translate outfile='/Users/ynishiza/Desktop/SOLaR2010_release3_2012May10_v1-ynSTATA.dta'
 /type=stata
 /map
 /replace
 /fieldnames
 /keep=
 id
 Mcands  Mterms
 DVshare age dpj ldp cgp sdp jcp prim dpj_prim ldp_prim
 polact1 polact2 polact3 polact4
 a_pol1 a_pol2 a_pol3 a_pol4
 camact1 camact2 camact3
 a_cam1 a_cam2 a_cam3
 sup_shugi sup_sangi sup_govnr sup_mayor sup_cityr
 a_s_shugi a_s_sangi a_s_govnr a_s_mayor a_s_cityr
 hel_shugi hel_sangi hel_govnr hel_mayor hel_cityr
 a_h_shugi a_h_sangi a_h_govnr a_h_mayor a_h_cityr
 Dist3catego.
```

```
****************************************************
****************************************************
* 2007年統一地方選挙の選挙区別データの分析
****************************************************
****************************************************.

get file='Local2007-district-data_v77-yn3.sav'

****************
* 2007年統一選挙のみに限定（茨城・沖縄を省く）
****************.
select if (pref_id ne 13 and pref_id ne 47).

****************
* 無投票の選挙区（N_cand=-9）を集計に含めるため、
* 無投票選挙区ついては、sizeを代入
****************.
missing values n_cand ().
compute adjusted_n_cand=n_cand.
if (n_cand = -9) adjusted_n_cand = size.
compute adjusted_over=adjusted_n_cand - size.


****************************************************
*　表1　選挙区状況-選挙区定数と無投票（2007統一選）
****************************************************.
fre size.
crosstabs tables=adjusted_over by size
 /cells count column.

****************************************************
*　表3　選挙区状況に関する記述統計（2007統一選）
****************************************************.
des size adjusted_n_cand adjusted_over.




****************
* end of file
****************.
```

■STATA DO ファイル

```
/*******************************/
/*       STATA command file for        */
/* "Electoral Strategies of Prefectural */
/*      Assembly Members and their      */
/*              Vote Share"             */
/*      Leviathan 51, 2012 Fall         */
/*      (c)2012 Yoshitaka Nishizawa     */
/*******************************/


/******************************/
/* Inporting spss outfile here    */
/******************************/

/* The 'SOLaR2010_release3_2012May10_v1-ynSTATA.dta'         */
/* spss outfile was read into a new data file by File > Open. */

summarize
set more off

recode sup_shug sup_sang sup_govn sup_mayo sup_city    ///
       hel_shug hel_sang hel_govn hel_mayo hel_city    ///
       Dist3cat (-9=.)

summarize sup_shug sup_sang sup_govn sup_mayo sup_city  ///
       hel_shug hel_sang hel_govn hel_mayo hel_city    ///
       Dist3cat
set more off




/******************************/
/*      Analysis begins here      */
/******************************/

gen sampling=runiform()


/******************************/
/*       fig 5 and figs 6       */
/******************************/

/* DVshare by age 40% by Dist3cat = all   */
twoway (scatter DVshare age if (sampling < .4), msymbol(Oh) mcolor (gs9) legend(cols(3) label(1
"all parties (40%)"))) ///
       (lfitci DVshare age, ciplot(rline) lcolor(gs9)),          ///
       graphregion(c(white) ls(none))                    /* <<< Table 5 >>> */
                                                          /* The width of fitted line,
manually thicked for the final report */

/* DVshare by age 20% by Dist3cat = 1   */
twoway (scatter DVshare age if (sampling < .2) & (Dist3cat == 2 | Dist3cat == 4), msymbol(Oh)
mcolor (gs9) legend(cols(3) label(1 "Dist Size: 2+"))) ///
       (lfitci DVshare age if (Dist3cat == 2 | Dist3cat == 4), ciplot(rline)
lcolor(gs9))                                        ///
       (scatter DVshare age if (sampling < .2) & (Dist3cat == 1), msymbol(.) mcolor (black)
legend(cols(3) label(4 "Dist Size: 1")))          ///
       (lfitci DVshare age if Dist3cat == 1, ciplot(rline)
lcolor(black)),                                            ///
       graphregion(c(white) ls(none))                    /* <<< Table 6a >>> */
/* DVshare by age 20% by Dist3cat = 2   */
twoway (scatter DVshare age if (sampling < .2) & (Dist3cat == 1 | Dist3cat == 4), msymbol(Oh)
mcolor (gs9) legend(cols(3) label(1 "Dist Size: 1 or 4+"))) ///
       (lfitci DVshare age if (Dist3cat == 1 | Dist3cat == 4), ciplot(rline)
lcolor(gs9))                                          ///
       (scatter DVshare age if (sampling < .2) & (Dist3cat == 2), msymbol(.) mcolor (black)
legend(cols(3) label(4 "Dist Size: 2")))          ///
       (lfitci DVshare age if Dist3cat == 2, ciplot(rline)
lcolor(black)),
///
```

```
        graphregion(c(white) ls(none))                              /* <<< Table 6b >>> */
/* DVshare by age 20% by Dist3cat = 4   */
twoway (scatter DVshare age if (sampling < .2) & (Dist3cat == 1 | Dist3cat == 2), msymbol(Oh)
mcolor (gs9) legend(cols(3) label(1 "Dist Size: 1 - 3"))) ///
        (lfitci DVshare age if (Dist3cat == 1 | Dist3cat == 2), ciplot(rline)
lcolor(gs9))                                                        ///
        (scatter DVshare age if (sampling < .2) & (Dist3cat == 4), msymbol(.) mcolor (black)
legend(cols(3) label(4 "Dist Size: 4+")))                   ///
        (lfitci DVshare age if Dist3cat == 4, ciplot(rline)
lcolor(black)),                                                           ///
        graphregion(c(white) ls(none))                              /* <<< Table 6c >>> */


/*******************************/
/*    reg and test linear com    */
/*******************************/

/*::::::::::::::::: Table 6 ::::::::::::::::::::*/
/* Dist3cat==1 */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim if Dist3cat==1

lincom prim + ldp_prim
/*
 ( 1)   prim + ldp_prim = 0

------------------------------------------------------------------------------
     DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .644593   .2399799     2.69   0.009     .167758    1.121428
------------------------------------------------------------------------------
*/

/* Dist3cat==2 */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim if Dist3cat==2

lincom jcp
/*
 ( 1)   jcp = 0

------------------------------------------------------------------------------
     DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -19.92284   7.588251    -2.63   0.009    -34.85809   -4.987598
------------------------------------------------------------------------------
*/

/* Dist3cat==4 */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim if Dist3cat==4

lincom dpj
lincom cgp
/*
 ( 1)   dpj = 0
------------------------------------------------------------------------------
     DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  10.97888   4.597032     2.39   0.017    1.939612    20.01815
------------------------------------------------------------------------------

 ( 1)   cgp = 0
------------------------------------------------------------------------------
     DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  13.08312   3.832941     3.41   0.001    5.546307    20.61994
------------------------------------------------------------------------------
*/

lincom prim + dpj_prim
/*
```

```
 ( 1)  prim + dpj_prim = 0

------------------------------------------------------------------------
    DVshare |     Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
------------+-----------------------------------------------------------
        (1) |  -1.227856   .5121688    -2.40   0.017    -2.234947   -.2207644
------------------------------------------------------------------------
*/




/*::::::::::::::::: Table 8 :::::::::::::::::::*/
/* Dist3cat==1 */
/*      polact1 */
regress DVshare age Mterms Mcands  ///
     dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
     polact1 polact2 polact3 polact4 ///
     a_pol1 a_pol2 a_pol3 a_pol4 if Dist3cat==1

lincom  polact1 + a_pol1*25
lincom  polact1 + a_pol1*30
lincom  polact1 + a_pol1*35
lincom  polact1 + a_pol1*40
lincom  polact1 + a_pol1*45
lincom  polact1 + a_pol1*50
lincom  polact1 + a_pol1*55
lincom  polact1 + a_pol1*60
lincom  polact1 + a_pol1*65
lincom  polact1 + a_pol1*70     /* none sig */

/* Dist3cat==1 */
/*      polact2 */
lincom  polact2 + a_pol2*25
lincom  polact2 + a_pol2*30
lincom  polact2 + a_pol2*35
lincom  polact2 + a_pol2*40
lincom  polact2 + a_pol2*45
lincom  polact2 + a_pol2*50
lincom  polact2 + a_pol2*55
lincom  polact2 + a_pol2*60
lincom  polact2 + a_pol2*65
lincom  polact2 + a_pol2*70     /* none sig */

/* Dist3cat==1 */
/*      polact3 */
lincom  polact3 + a_pol3*25
lincom  polact3 + a_pol3*30
lincom  polact3 + a_pol3*35
lincom  polact3 + a_pol3*40
lincom  polact3 + a_pol3*45
lincom  polact3 + a_pol3*50
lincom  polact3 + a_pol3*55
lincom  polact3 + a_pol3*60
lincom  polact3 + a_pol3*65
lincom  polact3 + a_pol3*70     /* none sig */

/* Dist3cat==1 */
/*      polact4 */
lincom  polact4 + a_pol4*25
lincom  polact4 + a_pol4*30
lincom  polact4 + a_pol4*35
lincom  polact4 + a_pol4*40
lincom  polact4 + a_pol4*45
lincom  polact4 + a_pol4*50
lincom  polact4 + a_pol4*55
lincom  polact4 + a_pol4*60
lincom  polact4 + a_pol4*65
lincom  polact4 + a_pol4*70     /* none sig */

/* Dist3cat==2 */
```

```
/*      polact1 */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
    polact1 polact2 polact3 polact4 ///
    a_pol1 a_pol2 a_pol3 a_pol4 if Dist3cat==2

lincom  polact1 + a_pol1*25
lincom  polact1 + a_pol1*30
lincom  polact1 + a_pol1*35
lincom  polact1 + a_pol1*40
lincom  polact1 + a_pol1*45
lincom  polact1 + a_pol1*50
lincom  polact1 + a_pol1*55
lincom  polact1 + a_pol1*60
lincom  polact1 + a_pol1*65
lincom  polact1 + a_pol1*70

lincom  polact1 + a_pol1*36
lincom  polact1 + a_pol1*37
lincom  polact1 + a_pol1*38
lincom  polact1 + a_pol1*39
/*
 ( 1)   polact1 + 39*a_pol1 = 0
```

DVshare	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	3.918471	2.000202	1.96	0.051	-.0188099	7.855753

```
 ( 1)   polact1 + 40*a_pol1 = 0
```

DVshare	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	3.805976	1.914996	1.99	0.048	.0364174	7.575535

```
*/

lincom  polact1 + a_pol1*51
lincom  polact1 + a_pol1*52
lincom  polact1 + a_pol1*53
lincom  polact1 + a_pol1*54

/*
 ( 1)   polact1 + 53*a_pol1 = 0
```

DVshare	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	2.343535	1.148833	2.04	0.042	.0821243	4.604945

```
 ( 1)   polact1 + 54*a_pol1 = 0
```

DVshare	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	2.231039	1.136783	1.96	0.051	-.0066531	4.468731

```
            <<<<< only 40-53 some effects */


/* Dist3cat==2 */
/*      polact2 */
lincom  polact2 + a_pol2*25
lincom  polact2 + a_pol2*30
lincom  polact2 + a_pol2*35
lincom  polact2 + a_pol2*40
lincom  polact2 + a_pol2*45
lincom  polact2 + a_pol2*50
lincom  polact2 + a_pol2*55
lincom  polact2 + a_pol2*60
lincom  polact2 + a_pol2*65
lincom  polact2 + a_pol2*70
```

```
lincom  polact2 + a_pol2*41
lincom  polact2 + a_pol2*42
lincom  polact2 + a_pol2*43
lincom  polact2 + a_pol2*44

/*
 ( 1)   polact2 + 35*a_pol2 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   4.850818   2.322894     2.09   0.038     .2783356    9.423301
------------------------------------------------------------------------------

 ( 1)   polact2 + 40*a_pol2 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   3.781878   1.875154     2.02   0.045     .090747     7.47301
------------------------------------------------------------------------------

 ( 1)   polact2 + 41*a_pol2 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   3.56809    1.791693     1.99   0.047     .0412465    7.094934
------------------------------------------------------------------------------

 ( 1)   polact2 + 42*a_pol2 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   3.354302   1.710971     1.96   0.051    -.0136456    6.72225
------------------------------------------------------------------------------
                 <<<<<  up to 41 effective */

/* Dist3cat==2 */
/*      polact3 */
lincom  polact3 + a_pol3*25
lincom  polact3 + a_pol3*30
lincom  polact3 + a_pol3*35
lincom  polact3 + a_pol3*40
lincom  polact3 + a_pol3*45
lincom  polact3 + a_pol3*50
lincom  polact3 + a_pol3*55
lincom  polact3 + a_pol3*60
lincom  polact3 + a_pol3*65
lincom  polact3 + a_pol3*70      /* none sig */

/* Dist3cat==2 */
/*      polact4 */
lincom  polact4 + a_pol4*25
lincom  polact4 + a_pol4*30
lincom  polact4 + a_pol4*35
lincom  polact4 + a_pol4*40
lincom  polact4 + a_pol4*45
lincom  polact4 + a_pol4*50
lincom  polact4 + a_pol4*55
lincom  polact4 + a_pol4*60
lincom  polact4 + a_pol4*65
lincom  polact4 + a_pol4*70      /* none sig */

/* Dist3cat==4 */
/*      polact1 */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
    polact1 polact2 polact3 polact4 ///
    a_pol1 a_pol2 a_pol3 a_pol4 if Dist3cat==4

lincom  polact1 + a_pol1*25
lincom  polact1 + a_pol1*30
lincom  polact1 + a_pol1*35
lincom  polact1 + a_pol1*40
```

```
lincom  polact1 + a_pol1*45
lincom  polact1 + a_pol1*50
lincom  polact1 + a_pol1*55
lincom  polact1 + a_pol1*60
lincom  polact1 + a_pol1*65
lincom  polact1 + a_pol1*70

lincom  polact1 + a_pol1*51
lincom  polact1 + a_pol1*52
lincom  polact1 + a_pol1*53
lincom  polact1 + a_pol1*54
/*
 ( 1)   polact1 + 51*a_pol1 = 0
```

```
------------------------------------------------------------------------------
     DVshare |     Coef.   Std. Err.      t    P>|t|    [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   2.609225   1.231264     2.12   0.035     .1879857    5.030465
------------------------------------------------------------------------------
```

```
. lincom  polact1 + a_pol1*52

 ( 1)   polact1 + 52*a_pol1 = 0
```

```
------------------------------------------------------------------------------
     DVshare |     Coef.   Std. Err.      t    P>|t|    [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   2.342087   1.217128     1.92   0.055    -.0513551    4.735529
------------------------------------------------------------------------------*/
/*            <<<<<  up to 51 effective */
```

```
/* Dist3cat==4 */
/*      polact2 */
lincom  polact2 + a_pol2*25
lincom  polact2 + a_pol2*30
lincom  polact2 + a_pol2*35
lincom  polact2 + a_pol2*40
lincom  polact2 + a_pol2*45
lincom  polact2 + a_pol2*50
lincom  polact2 + a_pol2*55
lincom  polact2 + a_pol2*60
lincom  polact2 + a_pol2*65
lincom  polact2 + a_pol2*70     /* none sig */

/* Dist3cat==4 */
/*      polact3 */
lincom  polact3 + a_pol3*25
lincom  polact3 + a_pol3*30
lincom  polact3 + a_pol3*35
lincom  polact3 + a_pol3*40
lincom  polact3 + a_pol3*45
lincom  polact3 + a_pol3*50
lincom  polact3 + a_pol3*55
lincom  polact3 + a_pol3*60
lincom  polact3 + a_pol3*65
lincom  polact3 + a_pol3*70     /* none sig */

/* Dist3cat==4 */
/*      polact4 */
lincom  polact4 + a_pol4*25
lincom  polact4 + a_pol4*30
lincom  polact4 + a_pol4*35
lincom  polact4 + a_pol4*40
lincom  polact4 + a_pol4*45
lincom  polact4 + a_pol4*50
lincom  polact4 + a_pol4*55
lincom  polact4 + a_pol4*60
lincom  polact4 + a_pol4*65
lincom  polact4 + a_pol4*70     /* none sig */
```

```
/*::::::::::::::::: Table 10 ::::::::::::::::::*/
/* Dist3cat==1 */
/*      camact1 */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
    camact1 camact2 camact3  ///
    a_cam1 a_cam2 a_cam3 if Dist3cat==1

lincom  camact1 + a_cam1*25
lincom  camact1 + a_cam1*30
lincom  camact1 + a_cam1*35
lincom  camact1 + a_cam1*40
lincom  camact1 + a_cam1*45
lincom  camact1 + a_cam1*50
lincom  camact1 + a_cam1*55
lincom  camact1 + a_cam1*60
lincom  camact1 + a_cam1*65
lincom  camact1 + a_cam1*70     /* none sig */

/* Dist3cat==1 */
/*      camact2 */
lincom  camact2 + a_cam2*25
lincom  camact2 + a_cam2*30
lincom  camact2 + a_cam2*35
lincom  camact2 + a_cam2*40
lincom  camact2 + a_cam2*45
lincom  camact2 + a_cam2*50
lincom  camact2 + a_cam2*55
lincom  camact2 + a_cam2*60
lincom  camact2 + a_cam2*65
lincom  camact2 + a_cam2*70

lincom  camact2 + a_cam2*56
lincom  camact2 + a_cam2*57
lincom  camact2 + a_cam2*58
lincom  camact2 + a_cam2*59

lincom  camact2 + a_cam2*66
lincom  camact2 + a_cam2*67
lincom  camact2 + a_cam2*68
lincom  camact2 + a_cam2*69
/*
 ( 1)   camact2 + 56*a_cam2 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -3.526051    1.81444    -1.94   0.055    -7.1349     .082798
------------------------------------------------------------------------------

 ( 1)   camact2 + 57*a_cam2 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -3.651691    1.80526    -2.02   0.046    -7.24228   -.0611017
------------------------------------------------------------------------------

 ( 1)   camact2 + 68*a_cam2 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -5.033733   2.502441    -2.01   0.048    -10.01099   -.0564786
------------------------------------------------------------------------------

 ( 1)   camact2 + 69*a_cam2 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
```

```
------------+---------------------------------------------------------------
        (1) |  -5.159373    2.615624    -1.97   0.052    -10.36174    .0429967
------------+---------------------------------------------------------------
            <<<<<  57-68 some negative effects  */

/* Dist3cat==1 */
/*      camact3 */
lincom   camact3 + a_cam3*25
lincom   camact3 + a_cam3*30
lincom   camact3 + a_cam3*35
lincom   camact3 + a_cam3*40
lincom   camact3 + a_cam3*45
lincom   camact3 + a_cam3*50
lincom   camact3 + a_cam3*55
lincom   camact3 + a_cam3*60
lincom   camact3 + a_cam3*65
lincom   camact3 + a_cam3*70

lincom   camact3 + a_cam3*46
lincom   camact3 + a_cam3*47
lincom   camact3 + a_cam3*48
lincom   camact3 + a_cam3*49

lincom   camact3 + a_cam3*61
lincom   camact3 + a_cam3*62
lincom   camact3 + a_cam3*63
lincom   camact3 + a_cam3*64
/*
 ( 1)   camact3 + 46*a_cam3 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.    Std. Err.      t     P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   5.099067    2.578237    1.98   0.051    -.0289412    10.22708
------------------------------------------------------------------------------

 ( 1)   camact3 + 47*a_cam3 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.    Std. Err.      t     P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   5.089526    2.420926    2.10   0.039     .2744007    9.904651
------------------------------------------------------------------------------

 ( 1)   camact3 + 64*a_cam3 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.    Std. Err.      t     P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   4.927314    2.418053    2.04   0.045     .1179045    9.736724
------------------------------------------------------------------------------

 ( 1)   camact3 + 65*a_cam3 = 0
------------------------------------------------------------------------------
     DVshare |     Coef.    Std. Err.      t     P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   4.917772    2.575221    1.91   0.060    -.2042385    10.03978
------------------------------------------------------------------------------
            <<<<<  47-64 some effects */


/* Dist3cat==2 */
/*      camact1 */
regress DVshare age Mterms Mcands   ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
    camact1 camact2 camact3   ///
    a_cam1 a_cam2 a_cam3 if Dist3cat==2

lincom   camact1 + a_cam1*25
lincom   camact1 + a_cam1*30
lincom   camact1 + a_cam1*35
lincom   camact1 + a_cam1*40
lincom   camact1 + a_cam1*45
lincom   camact1 + a_cam1*50
```

```
lincom  camact1 + a_cam1*55
lincom  camact1 + a_cam1*60
lincom  camact1 + a_cam1*65
lincom  camact1 + a_cam1*70      /* none sig */

/* Dist3cat==2 */
/*      camact2 */
lincom  camact2 + a_cam2*25
lincom  camact2 + a_cam2*30
lincom  camact2 + a_cam2*35
lincom  camact2 + a_cam2*40
lincom  camact2 + a_cam2*45
lincom  camact2 + a_cam2*50
lincom  camact2 + a_cam2*55
lincom  camact2 + a_cam2*60
lincom  camact2 + a_cam2*65
lincom  camact2 + a_cam2*70      /* none sig */

/* Dist3cat==2 */
/*      camact3 */
lincom  camact3 + a_cam3*25
lincom  camact3 + a_cam3*30
lincom  camact3 + a_cam3*35
lincom  camact3 + a_cam3*40
lincom  camact3 + a_cam3*45
lincom  camact3 + a_cam3*50
lincom  camact3 + a_cam3*55
lincom  camact3 + a_cam3*60
lincom  camact3 + a_cam3*65
lincom  camact3 + a_cam3*70      /* none sig */


/* Dist3cat==4 */
/*      camact1 */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
    camact1 camact2 camact3  ///
    a_cam1 a_cam2 a_cam3 if Dist3cat==4

lincom  camact1 + a_cam1*25
lincom  camact1 + a_cam1*30
lincom  camact1 + a_cam1*35
lincom  camact1 + a_cam1*40
lincom  camact1 + a_cam1*45
lincom  camact1 + a_cam1*50
lincom  camact1 + a_cam1*55
lincom  camact1 + a_cam1*60
lincom  camact1 + a_cam1*65
lincom  camact1 + a_cam1*70      /* none sig */

/* Dist3cat==4 */
/*      camact2 */
lincom  camact2 + a_cam2*25
lincom  camact2 + a_cam2*30
lincom  camact2 + a_cam2*35
lincom  camact2 + a_cam2*40
lincom  camact2 + a_cam2*45
lincom  camact2 + a_cam2*50
lincom  camact2 + a_cam2*55
lincom  camact2 + a_cam2*60
lincom  camact2 + a_cam2*65
lincom  camact2 + a_cam2*70      /* none sig */

/* Dist3cat==4 */
/*      camact3 */
lincom  camact3 + a_cam3*25
lincom  camact3 + a_cam3*30
lincom  camact3 + a_cam3*35
lincom  camact3 + a_cam3*40
lincom  camact3 + a_cam3*45
lincom  camact3 + a_cam3*50
lincom  camact3 + a_cam3*55
```

```
lincom  camact3 + a_cam3*60
lincom  camact3 + a_cam3*65
lincom  camact3 + a_cam3*70     /* none sig */




/*:::::::::::::::: Table 11 ::::::::::::::::::*/
/* Dist3cat==1 */
/*      sup_shug */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
    sup_shug sup_sang sup_govn sup_mayo sup_city  ///
    a_s_shug a_s_sang a_s_govn a_s_mayo a_s_city if Dist3cat==1

lincom  sup_shug + a_s_shug*25
lincom  sup_shug + a_s_shug*30
lincom  sup_shug + a_s_shug*35
lincom  sup_shug + a_s_shug*40
lincom  sup_shug + a_s_shug*45
lincom  sup_shug + a_s_shug*50
lincom  sup_shug + a_s_shug*55
lincom  sup_shug + a_s_shug*60
lincom  sup_shug + a_s_shug*65
lincom  sup_shug + a_s_shug*70      /* none sig */

/* Dist3cat==1 */
/*      sup_sang */
lincom  sup_sang + a_s_sang*25
lincom  sup_sang + a_s_sang*30
lincom  sup_sang + a_s_sang*35
lincom  sup_sang + a_s_sang*40
lincom  sup_sang + a_s_sang*45
lincom  sup_sang + a_s_sang*50
lincom  sup_sang + a_s_sang*55
lincom  sup_sang + a_s_sang*60
lincom  sup_sang + a_s_sang*65
lincom  sup_sang + a_s_sang*70      /* none sig */

/* Dist3cat==1 */
/*      sup_govn */
lincom  sup_govn + a_s_govn*25
lincom  sup_govn + a_s_govn*30
lincom  sup_govn + a_s_govn*35
lincom  sup_govn + a_s_govn*40
lincom  sup_govn + a_s_govn*45
lincom  sup_govn + a_s_govn*50
lincom  sup_govn + a_s_govn*55
lincom  sup_govn + a_s_govn*60
lincom  sup_govn + a_s_govn*65
lincom  sup_govn + a_s_govn*70      /* none sig */

/* Dist3cat==1 */
/*      sup_mayo */
lincom  sup_mayo + a_s_mayo*25
lincom  sup_mayo + a_s_mayo*30
lincom  sup_mayo + a_s_mayo*35
lincom  sup_mayo + a_s_mayo*40
lincom  sup_mayo + a_s_mayo*45
lincom  sup_mayo + a_s_mayo*50
lincom  sup_mayo + a_s_mayo*55
lincom  sup_mayo + a_s_mayo*60
lincom  sup_mayo + a_s_mayo*65
lincom  sup_mayo + a_s_mayo*70      /* none sig */

/* Dist3cat==1 */
/*      sup_city */
lincom  sup_city + a_s_city*25
lincom  sup_city + a_s_city*30
lincom  sup_city + a_s_city*35
lincom  sup_city + a_s_city*40
```

```
lincom  sup_city + a_s_city*45
lincom  sup_city + a_s_city*50
lincom  sup_city + a_s_city*55
lincom  sup_city + a_s_city*60
lincom  sup_city + a_s_city*65
lincom  sup_city + a_s_city*70      /* none sig */


/* Dist3cat==2 */
/*      sup_shug */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
    sup_shug sup_sang sup_govn sup_mayo sup_city  ///
    a_s_shug a_s_sang a_s_govn a_s_mayo a_s_city if Dist3cat==2

lincom prim + dpj_prim
lincom prim + ldp_prim          /* none sig */

lincom  sup_shug + a_s_shug*25
lincom  sup_shug + a_s_shug*30
lincom  sup_shug + a_s_shug*35
lincom  sup_shug + a_s_shug*40
lincom  sup_shug + a_s_shug*45
lincom  sup_shug + a_s_shug*50
lincom  sup_shug + a_s_shug*55
lincom  sup_shug + a_s_shug*60
lincom  sup_shug + a_s_shug*65
lincom  sup_shug + a_s_shug*70      /* none sig */

/* Dist3cat==2 */
/*      sup_sang */
lincom  sup_sang + a_s_sang*25
lincom  sup_sang + a_s_sang*30
lincom  sup_sang + a_s_sang*35
lincom  sup_sang + a_s_sang*40
lincom  sup_sang + a_s_sang*45
lincom  sup_sang + a_s_sang*50
lincom  sup_sang + a_s_sang*55
lincom  sup_sang + a_s_sang*60
lincom  sup_sang + a_s_sang*65
lincom  sup_sang + a_s_sang*70      /* none sig */

/* Dist3cat==2 */
/*      sup_govn */
lincom  sup_govn + a_s_govn*25
lincom  sup_govn + a_s_govn*30
lincom  sup_govn + a_s_govn*35
lincom  sup_govn + a_s_govn*40
lincom  sup_govn + a_s_govn*45
lincom  sup_govn + a_s_govn*50
lincom  sup_govn + a_s_govn*55
lincom  sup_govn + a_s_govn*60
lincom  sup_govn + a_s_govn*65
lincom  sup_govn + a_s_govn*70      /* none sig */

/* Dist3cat==2 */
/*      sup_mayo */
lincom  sup_mayo + a_s_mayo*25
lincom  sup_mayo + a_s_mayo*30
lincom  sup_mayo + a_s_mayo*35
lincom  sup_mayo + a_s_mayo*40
lincom  sup_mayo + a_s_mayo*45
lincom  sup_mayo + a_s_mayo*50
lincom  sup_mayo + a_s_mayo*55
lincom  sup_mayo + a_s_mayo*60
lincom  sup_mayo + a_s_mayo*65
lincom  sup_mayo + a_s_mayo*70      /* none sig */

/* Dist3cat==2 */
/*      sup_city */
lincom  sup_city + a_s_city*25
lincom  sup_city + a_s_city*30
```

```
lincom  sup_city + a_s_city*35
lincom  sup_city + a_s_city*40
lincom  sup_city + a_s_city*45
lincom  sup_city + a_s_city*50
lincom  sup_city + a_s_city*55
lincom  sup_city + a_s_city*60
lincom  sup_city + a_s_city*65
lincom  sup_city + a_s_city*70       /* none sig */

/* Dist3cat==4 */
/*      sup_shug */
regress DVshare age Mterms Mcands   ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
    sup_shug sup_sang sup_govn sup_mayo sup_city  ///
    a_s_shug a_s_sang a_s_govn a_s_mayo a_s_city if Dist3cat==4

lincom  sup_shug + a_s_shug*25
lincom  sup_shug + a_s_shug*30
lincom  sup_shug + a_s_shug*35
lincom  sup_shug + a_s_shug*40
lincom  sup_shug + a_s_shug*45
lincom  sup_shug + a_s_shug*50
lincom  sup_shug + a_s_shug*55
lincom  sup_shug + a_s_shug*60
lincom  sup_shug + a_s_shug*65
lincom  sup_shug + a_s_shug*70

lincom  sup_shug + a_s_shug*46
lincom  sup_shug + a_s_shug*47
lincom  sup_shug + a_s_shug*48
lincom  sup_shug + a_s_shug*49
/*
 ( 1)   sup_shug + 48*a_s_shug = 0
```

```
------------------------------------------------------------------------------
     DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -2.28578   1.151204    -1.99   0.048    -4.551755   -.0198049
------------------------------------------------------------------------------
```

```
. lincom  sup_shug + a_s_shug*49

 ( 1)   sup_shug + 49*a_s_shug = 0
```

```
------------------------------------------------------------------------------
     DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) | -2.103552   1.132762    -1.86   0.064    -4.333226    .1261215
------------------------------------------------------------------------------
        <<<<<  up to 48 negative effects  */
```

```
/* Dist3cat==4 */
/*      sup_sang */
lincom  sup_sang + a_s_sang*25
lincom  sup_sang + a_s_sang*30
lincom  sup_sang + a_s_sang*35
lincom  sup_sang + a_s_sang*40
lincom  sup_sang + a_s_sang*45
lincom  sup_sang + a_s_sang*50
lincom  sup_sang + a_s_sang*55
lincom  sup_sang + a_s_sang*60
lincom  sup_sang + a_s_sang*65
lincom  sup_sang + a_s_sang*70       /* none sig */

/* Dist3cat==4 */
/*      sup_govn */
lincom  sup_govn + a_s_govn*25
lincom  sup_govn + a_s_govn*30
lincom  sup_govn + a_s_govn*35
lincom  sup_govn + a_s_govn*40
lincom  sup_govn + a_s_govn*45
```

```
lincom  sup_govn + a_s_govn*50
lincom  sup_govn + a_s_govn*55
lincom  sup_govn + a_s_govn*60
lincom  sup_govn + a_s_govn*65
lincom  sup_govn + a_s_govn*70      /* none sig */

/* Dist3cat==4 */
/*      sup_mayo */
lincom  sup_mayo + a_s_mayo*25
lincom  sup_mayo + a_s_mayo*30
lincom  sup_mayo + a_s_mayo*35
lincom  sup_mayo + a_s_mayo*40
lincom  sup_mayo + a_s_mayo*45
lincom  sup_mayo + a_s_mayo*50
lincom  sup_mayo + a_s_mayo*55
lincom  sup_mayo + a_s_mayo*60
lincom  sup_mayo + a_s_mayo*65
lincom  sup_mayo + a_s_mayo*70      /* none sig */

/* Dist3cat==4 */
/*      sup_city */
lincom  sup_city + a_s_city*25
lincom  sup_city + a_s_city*30
lincom  sup_city + a_s_city*35
lincom  sup_city + a_s_city*40
lincom  sup_city + a_s_city*45
lincom  sup_city + a_s_city*50
lincom  sup_city + a_s_city*55
lincom  sup_city + a_s_city*60
lincom  sup_city + a_s_city*65
lincom  sup_city + a_s_city*70      /* none sig */



/*:::::::::::::::: Table 12 :::::::::::::::::::*/
/* Dist3cat==1 */
/*      hel_shug */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
    hel_shug hel_sang hel_govn hel_mayo hel_city  ///
    a_h_shug a_h_sang a_h_govn a_h_mayo a_h_city if Dist3cat==1

lincom  hel_shug + a_h_shug*25
lincom  hel_shug + a_h_shug*30
lincom  hel_shug + a_h_shug*35
lincom  hel_shug + a_h_shug*40
lincom  hel_shug + a_h_shug*45
lincom  hel_shug + a_h_shug*50
lincom  hel_shug + a_h_shug*55
lincom  hel_shug + a_h_shug*60
lincom  hel_shug + a_h_shug*65
lincom  hel_shug + a_h_shug*70      /* none sig */

/* Dist3cat==1 */
/*      hel_sang */
lincom  hel_sang + a_h_sang*25
lincom  hel_sang + a_h_sang*30
lincom  hel_sang + a_h_sang*35
lincom  hel_sang + a_h_sang*40
lincom  hel_sang + a_h_sang*45
lincom  hel_sang + a_h_sang*50
lincom  hel_sang + a_h_sang*55
lincom  hel_sang + a_h_sang*60
lincom  hel_sang + a_h_sang*65
lincom  hel_sang + a_h_sang*70      /* none sig */

/* Dist3cat==1 */
/*      hel_govn */
lincom  hel_govn + a_h_govn*25
lincom  hel_govn + a_h_govn*30
lincom  hel_govn + a_h_govn*35
lincom  hel_govn + a_h_govn*40
```

```
lincom  hel_govn + a_h_govn*45
lincom  hel_govn + a_h_govn*50
lincom  hel_govn + a_h_govn*55
lincom  hel_govn + a_h_govn*60
lincom  hel_govn + a_h_govn*65
lincom  hel_govn + a_h_govn*70      /* none sig */

/* Dist3cat==1 */
/*      hel_mayo */
lincom  hel_mayo + a_h_mayo*25
lincom  hel_mayo + a_h_mayo*30
lincom  hel_mayo + a_h_mayo*35
lincom  hel_mayo + a_h_mayo*40
lincom  hel_mayo + a_h_mayo*45
lincom  hel_mayo + a_h_mayo*50
lincom  hel_mayo + a_h_mayo*55
lincom  hel_mayo + a_h_mayo*60
lincom  hel_mayo + a_h_mayo*65
lincom  hel_mayo + a_h_mayo*70      /* none sig */

/* Dist3cat==1 */
/*      hel_city */
lincom  hel_city + a_h_city*25
lincom  hel_city + a_h_city*30
lincom  hel_city + a_h_city*35
lincom  hel_city + a_h_city*40
lincom  hel_city + a_h_city*45
lincom  hel_city + a_h_city*50
lincom  hel_city + a_h_city*55
lincom  hel_city + a_h_city*60
lincom  hel_city + a_h_city*65
lincom  hel_city + a_h_city*70      /* none sig */


/* Dist3cat==2 */
/*      hel_shug */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
    hel_shug hel_sang hel_govn hel_mayo hel_city  ///
    a_h_shug a_h_sang a_h_govn a_h_mayo a_h_city if Dist3cat==2

lincom  hel_shug + a_h_shug*25
lincom  hel_shug + a_h_shug*30
lincom  hel_shug + a_h_shug*35
lincom  hel_shug + a_h_shug*40
lincom  hel_shug + a_h_shug*45
lincom  hel_shug + a_h_shug*50
lincom  hel_shug + a_h_shug*55
lincom  hel_shug + a_h_shug*60
lincom  hel_shug + a_h_shug*65
lincom  hel_shug + a_h_shug*70

lincom  hel_shug + a_h_shug*51
lincom  hel_shug + a_h_shug*52
lincom  hel_shug + a_h_shug*53
lincom  hel_shug + a_h_shug*54

lincom  hel_shug + a_h_shug*61
lincom  hel_shug + a_h_shug*62
lincom  hel_shug + a_h_shug*63
lincom  hel_shug + a_h_shug*64

/*
 ( 1)  hel_shug + 50*a_h_shug = 0
```

DVshare	Coef.	Std. Err.	t	P>|t|	[95% Conf. Interval]	
(1)	2.246022	1.146223	1.96	0.051	-.0131923	4.505235

```
 ( 1)  hel_shug + 51*a_h_shug = 0
```

```
      DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+----------------------------------------------------------------
          (1) |   2.277941   1.124802     2.03   0.044     .0609471    4.494935
------------------------------------------------------------------------------

 ( 1)   hel_shug + 52*a_h_shug = 0
------------------------------------------------------------------------------
      DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+----------------------------------------------------------------
          (1) |    2.30986    1.11147     2.08   0.039     .1191442    4.500577
------------------------------------------------------------------------------

 ( 1)   hel_shug + 60*a_h_shug = 0
------------------------------------------------------------------------------
      DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+----------------------------------------------------------------
          (1) |   2.565216   1.294146     1.98   0.049     .0144437    5.115988
------------------------------------------------------------------------------

 ( 1)   hel_shug + 61*a_h_shug = 0
------------------------------------------------------------------------------
      DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+----------------------------------------------------------------
          (1) |   2.597136   1.347031     1.93   0.055    -.0578718    5.252143
------------------------------------------------------------------------------

 ( 1)   hel_shug + 62*a_h_shug = 0
------------------------------------------------------------------------------
      DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+----------------------------------------------------------------
          (1) |   2.629055   1.404635     1.87   0.063    -.1394915    5.397601
------------------------------------------------------------------------------
              <<<<<  only 51-60 effective   */


/* Dist3cat==2 */
/*      hel_sang */
lincom  hel_sang + a_h_sang*25
lincom  hel_sang + a_h_sang*30
lincom  hel_sang + a_h_sang*35
lincom  hel_sang + a_h_sang*40
lincom  hel_sang + a_h_sang*45
lincom  hel_sang + a_h_sang*50
lincom  hel_sang + a_h_sang*55
lincom  hel_sang + a_h_sang*60
lincom  hel_sang + a_h_sang*65
lincom  hel_sang + a_h_sang*70      /* none sig */

/* Dist3cat==2 */
/*      hel_govn */
lincom  hel_govn + a_h_govn*25
lincom  hel_govn + a_h_govn*30
lincom  hel_govn + a_h_govn*35
lincom  hel_govn + a_h_govn*40
lincom  hel_govn + a_h_govn*45
lincom  hel_govn + a_h_govn*50
lincom  hel_govn + a_h_govn*55
lincom  hel_govn + a_h_govn*60
lincom  hel_govn + a_h_govn*65
lincom  hel_govn + a_h_govn*70

lincom  hel_govn + a_h_govn*51
lincom  hel_govn + a_h_govn*52
lincom  hel_govn + a_h_govn*53
lincom  hel_govn + a_h_govn*54

/*
 ( 1)   hel_govn + 52*a_h_govn = 0
------------------------------------------------------------------------------
      DVshare |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
--------------+----------------------------------------------------------------
          (1) |  -1.590285   .8327918    -1.91   0.058    -3.231724    .0511538
```

```
--------------------------------------------------------------------------
 ( 1)   hel_govn + 53*a_h_govn = 0
--------------------------------------------------------------------------
     DVshare |     Coef.    Std. Err.      t    P>|t|    [95% Conf. Interval]
-------------+------------------------------------------------------------
         (1) |  -1.690797   .8256183    -2.05   0.042    -3.318097   -.0634971
--------------------------------------------------------------------------

 ( 1)   hel_govn + 54*a_h_govn = 0
--------------------------------------------------------------------------
     DVshare |     Coef.    Std. Err.      t    P>|t|    [95% Conf. Interval]
-------------+------------------------------------------------------------
         (1) |  -1.791309   .8254657    -2.17   0.031    -3.418308   -.1643096
--------------------------------------------------------------------------
              <<<<<  starting 53, some negative effects  */


/* Dist3cat==2 */
/*      hel_mayo */
lincom  hel_mayo + a_h_mayo*25
lincom  hel_mayo + a_h_mayo*30
lincom  hel_mayo + a_h_mayo*35
lincom  hel_mayo + a_h_mayo*40
lincom  hel_mayo + a_h_mayo*45
lincom  hel_mayo + a_h_mayo*50
lincom  hel_mayo + a_h_mayo*55
lincom  hel_mayo + a_h_mayo*60
lincom  hel_mayo + a_h_mayo*65
lincom  hel_mayo + a_h_mayo*70     /* none sig */

/* Dist3cat==2 */
/*      hel_city */
lincom  hel_city + a_h_city*25
lincom  hel_city + a_h_city*30
lincom  hel_city + a_h_city*35
lincom  hel_city + a_h_city*40
lincom  hel_city + a_h_city*45
lincom  hel_city + a_h_city*50
lincom  hel_city + a_h_city*55
lincom  hel_city + a_h_city*60
lincom  hel_city + a_h_city*65
lincom  hel_city + a_h_city*70     /* none sig */


/* Dist3cat==4 */
/*      hel_shug */
regress DVshare age Mterms Mcands  ///
    dpj ldp cgp sdp jcp prim dpj_prim ldp_prim ///
    hel_shug hel_sang hel_govn hel_mayo hel_city  ///
    a_h_shug a_h_sang a_h_govn a_h_mayo a_h_city if Dist3cat==4

lincom  hel_shug + a_h_shug*25
lincom  hel_shug + a_h_shug*30
lincom  hel_shug + a_h_shug*35
lincom  hel_shug + a_h_shug*40
lincom  hel_shug + a_h_shug*45
lincom  hel_shug + a_h_shug*50
lincom  hel_shug + a_h_shug*55
lincom  hel_shug + a_h_shug*60
lincom  hel_shug + a_h_shug*65
lincom  hel_shug + a_h_shug*70     /* none sig */

/* Dist3cat==4 */
/*      hel_sang */
lincom  hel_sang + a_h_sang*25
lincom  hel_sang + a_h_sang*30
lincom  hel_sang + a_h_sang*35
lincom  hel_sang + a_h_sang*40
lincom  hel_sang + a_h_sang*45
lincom  hel_sang + a_h_sang*50
lincom  hel_sang + a_h_sang*55
```

```
lincom  hel_sang + a_h_sang*60
lincom  hel_sang + a_h_sang*65
lincom  hel_sang + a_h_sang*70     /* none sig */

/* Dist3cat==4 */
/*      hel_govn */
lincom  hel_govn + a_h_govn*25
lincom  hel_govn + a_h_govn*30
lincom  hel_govn + a_h_govn*35
lincom  hel_govn + a_h_govn*40
lincom  hel_govn + a_h_govn*45
lincom  hel_govn + a_h_govn*50
lincom  hel_govn + a_h_govn*55
lincom  hel_govn + a_h_govn*60
lincom  hel_govn + a_h_govn*65
lincom  hel_govn + a_h_govn*70     /* none sig */

/* Dist3cat==4 */
/*      hel_mayo */
lincom  hel_mayo + a_h_mayo*25
lincom  hel_mayo + a_h_mayo*30
lincom  hel_mayo + a_h_mayo*35
lincom  hel_mayo + a_h_mayo*40
lincom  hel_mayo + a_h_mayo*45
lincom  hel_mayo + a_h_mayo*50
lincom  hel_mayo + a_h_mayo*55
lincom  hel_mayo + a_h_mayo*60
lincom  hel_mayo + a_h_mayo*65
lincom  hel_mayo + a_h_mayo*70     /* none sig */

/* Dist3cat==4 */
/*      hel_city */
lincom  hel_city + a_h_city*25
lincom  hel_city + a_h_city*30
lincom  hel_city + a_h_city*35
lincom  hel_city + a_h_city*40
lincom  hel_city + a_h_city*45
lincom  hel_city + a_h_city*50
lincom  hel_city + a_h_city*55
lincom  hel_city + a_h_city*60
lincom  hel_city + a_h_city*65
lincom  hel_city + a_h_city*70


/*::::::::::::::::: Table 11*   with LDP sample only ::::::::::::::::::*/
/* ldp==1 */
/*      sup_shug */
regress DVshare age Mterms Mcands  ///
                  prim          ///
    sup_shug sup_sang sup_govn sup_mayo sup_city  ///
    a_s_shug a_s_sang a_s_govn a_s_mayo a_s_city if ldp==1     /* none sig */

lincom  sup_shug + a_s_shug*25
lincom  sup_shug + a_s_shug*30
lincom  sup_shug + a_s_shug*35
lincom  sup_shug + a_s_shug*40
lincom  sup_shug + a_s_shug*45
lincom  sup_shug + a_s_shug*50
lincom  sup_shug + a_s_shug*55
lincom  sup_shug + a_s_shug*60
lincom  sup_shug + a_s_shug*65
lincom  sup_shug + a_s_shug*70     /* none sig */

/*      sup_sang */
lincom  sup_sang + a_s_sang*25
lincom  sup_sang + a_s_sang*30
lincom  sup_sang + a_s_sang*35
lincom  sup_sang + a_s_sang*40
lincom  sup_sang + a_s_sang*45
lincom  sup_sang + a_s_sang*50
lincom  sup_sang + a_s_sang*55
```

```
lincom   sup_sang + a_s_sang*60
lincom   sup_sang + a_s_sang*65
lincom   sup_sang + a_s_sang*70     /* none sig */

/*      sup_govn */
lincom   sup_govn + a_s_govn*25
lincom   sup_govn + a_s_govn*30
lincom   sup_govn + a_s_govn*35
lincom   sup_govn + a_s_govn*40
lincom   sup_govn + a_s_govn*45
lincom   sup_govn + a_s_govn*50
lincom   sup_govn + a_s_govn*55
lincom   sup_govn + a_s_govn*60
lincom   sup_govn + a_s_govn*65
lincom   sup_govn + a_s_govn*70     /* none sig */

/*      sup_mayo */
lincom   sup_mayo + a_s_mayo*25
lincom   sup_mayo + a_s_mayo*30
lincom   sup_mayo + a_s_mayo*35
lincom   sup_mayo + a_s_mayo*40
lincom   sup_mayo + a_s_mayo*45
lincom   sup_mayo + a_s_mayo*50
lincom   sup_mayo + a_s_mayo*55
lincom   sup_mayo + a_s_mayo*60
lincom   sup_mayo + a_s_mayo*65
lincom   sup_mayo + a_s_mayo*70     /* 50-60 sig */

/*      sup_city */
lincom   sup_city + a_s_city*25
lincom   sup_city + a_s_city*30
lincom   sup_city + a_s_city*35
lincom   sup_city + a_s_city*40
lincom   sup_city + a_s_city*45
lincom   sup_city + a_s_city*50
lincom   sup_city + a_s_city*55
lincom   sup_city + a_s_city*60
lincom   sup_city + a_s_city*65
lincom   sup_city + a_s_city*70     /* none sig */


/*::::::::::::::::: Table 12*   with LDP sample only :::::::::::::::::::*/
/* ldp==1 */
/*      hel_shug */
regress DVshare age Mterms Mcands  ///
          prim      ///
    hel_shug hel_sang hel_govn hel_mayo hel_city  ///
    a_h_shug a_h_sang a_h_govn a_h_mayo a_h_city if ldp==1

lincom  hel_shug + a_h_shug*25
lincom  hel_shug + a_h_shug*30
lincom  hel_shug + a_h_shug*35
lincom  hel_shug + a_h_shug*40
lincom  hel_shug + a_h_shug*45
lincom  hel_shug + a_h_shug*50
lincom  hel_shug + a_h_shug*55
lincom  hel_shug + a_h_shug*60
lincom  hel_shug + a_h_shug*65
lincom  hel_shug + a_h_shug*70      /* none sig */

/*      hel_sang */
lincom  hel_sang + a_h_sang*25
lincom  hel_sang + a_h_sang*30
lincom  hel_sang + a_h_sang*35
lincom  hel_sang + a_h_sang*40
lincom  hel_sang + a_h_sang*45
lincom  hel_sang + a_h_sang*50
lincom  hel_sang + a_h_sang*55
lincom  hel_sang + a_h_sang*60
lincom  hel_sang + a_h_sang*65
lincom  hel_sang + a_h_sang*70      /* none sig */
```

```
/*      hel_govn */
lincom  hel_govn + a_h_govn*25
lincom  hel_govn + a_h_govn*30
lincom  hel_govn + a_h_govn*35
lincom  hel_govn + a_h_govn*40
lincom  hel_govn + a_h_govn*45
lincom  hel_govn + a_h_govn*50
lincom  hel_govn + a_h_govn*55
lincom  hel_govn + a_h_govn*60
lincom  hel_govn + a_h_govn*65
lincom  hel_govn + a_h_govn*70      /* 40-45 sig */

/*      hel_mayo */
lincom  hel_mayo + a_h_mayo*25
lincom  hel_mayo + a_h_mayo*30
lincom  hel_mayo + a_h_mayo*35
lincom  hel_mayo + a_h_mayo*40
lincom  hel_mayo + a_h_mayo*45
lincom  hel_mayo + a_h_mayo*50
lincom  hel_mayo + a_h_mayo*55
lincom  hel_mayo + a_h_mayo*60
lincom  hel_mayo + a_h_mayo*65
lincom  hel_mayo + a_h_mayo*70      /* none sig */

/*      hel_city */
lincom  hel_city + a_h_city*25
lincom  hel_city + a_h_city*30
lincom  hel_city + a_h_city*35
lincom  hel_city + a_h_city*40
lincom  hel_city + a_h_city*45
lincom  hel_city + a_h_city*50
lincom  hel_city + a_h_city*55
lincom  hel_city + a_h_city*60
lincom  hel_city + a_h_city*65
lincom  hel_city + a_h_city*70      /* none sig */


/* end of file */
```