```
-------------------------------------------------------------------------------
> ------------
      name:  <unnamed>
       log:  C:\Users\adema\Dropbox\Projects_own\ERROR_replication\log_31.log
  log type:  text
 opened on:   4 Jun 2024, 21:56:31
.
.
.
.     bys ep_id: gen N_act_ep = activity_1E+ activity_2E+ activity_3E +activity_4E +activi
> ty_5E+ activity_6E +activity_7E+ activity_8E +activity_9E +activity_10E+ activity_11E+ a
> ctivity_12E +activity_13E +activity_14E+ activity_15E+ activity_16E +activity_17E +activ
> ity_18E+ activity_19E +activity_20E +activity_21E +activity_22E +activity_23E+ activity_
> 24E+ activity_25E
.
.     eststo clear
.
```

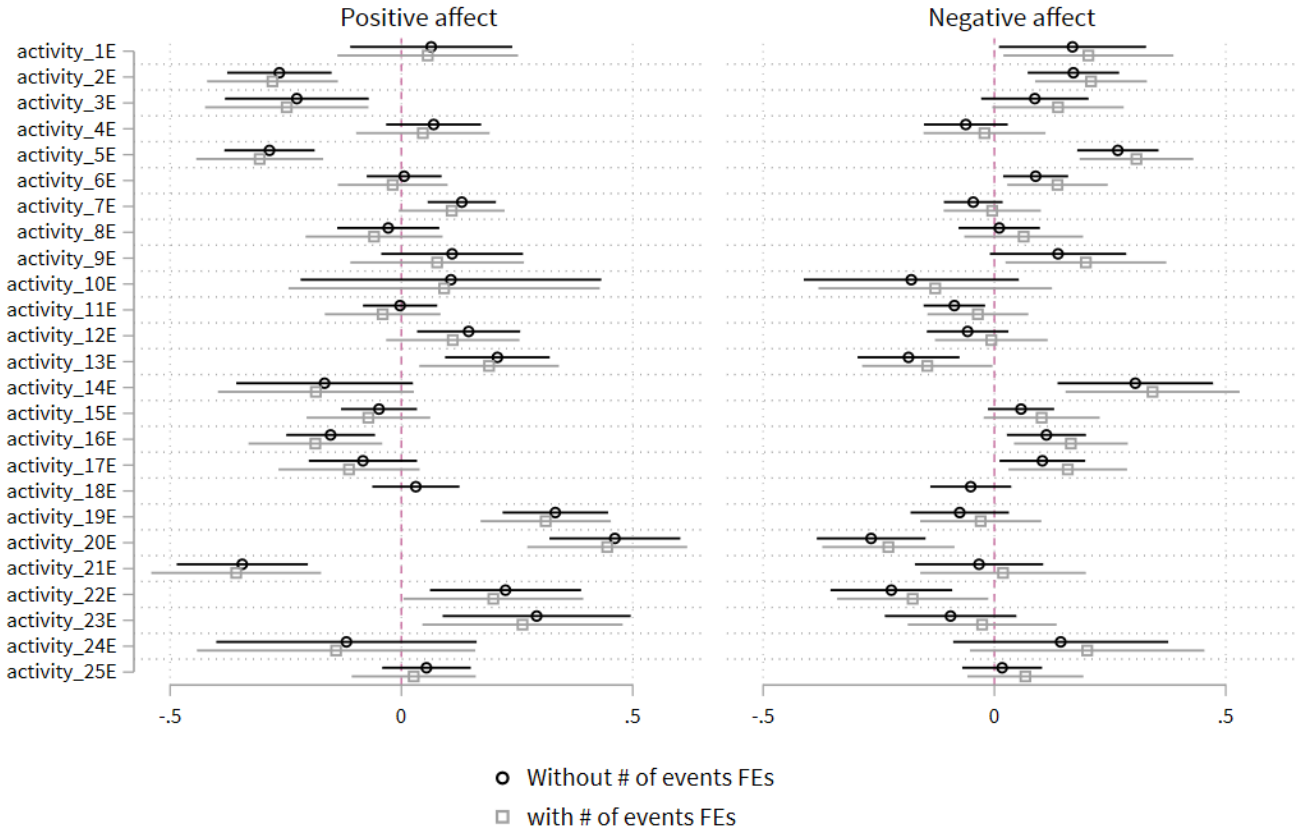
```
.     eststo: xtreg zposaff activity_1E activity_2E activity_3E activity_4E activity_5E ac
> tivity_6E activity_7E activity_8E activity_9E activity_10E activity_11E activity_12E act
> ivity_13E activity_14E activity_15E activity_16E activity_17E activity_18E activity_19E
> activity_20E activity_21E activity_22E activity_23E activity_24E activity_25E , fe vce(c
> luster id)
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.1392                                         min =          1
     Between = 0.0721                                         avg =        4.6
     Overall = 0.0938                                         max =          5
                                                F(25,603)         =      13.55
corr(u_i, Xb) = 0.0427                          Prob > F          =     0.0000
                                  (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     zposaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
 activity_1E |   .0644427   .0892007     0.72   0.470    -.1107391    .2396245
 activity_2E |  -.2636997   .0574432    -4.59   0.000    -.3765126   -.1508867
 activity_3E |  -.2260305   .0791084    -2.86   0.004     -.381392    -.070669
 activity_4E |   .0697021   .0522935     1.33   0.183    -.0329973    .1724016
 activity_5E |  -.2850966    .049701    -5.74   0.000    -.3827048   -.1874884
 activity_6E |   .0059284   .0412242     0.14   0.886     -.075032    .0868889
 activity_7E |    .130559   .0375584     3.48   0.001     .0567979    .2043201
 activity_8E |  -.0284077   .0561513    -0.51   0.613    -.1386836    .0818682
 activity_9E |   .1096412   .0780238     1.41   0.160    -.0435901    .2628726
activity_10E |    .107059   .1654796     0.65   0.518    -.2179274    .4320454
activity_11E |  -.0028682   .0408611    -0.07   0.944    -.0831156    .0773792
activity_12E |   .1453435   .0567575     2.56   0.011     .0338771      .25681
activity_13E |   .2075181   .0576087     3.60   0.000       .09438    .3206561
activity_14E |  -.1660266   .0972319    -1.71   0.088    -.3569809    .0249276
activity_15E |  -.0484102   .0417767    -1.16   0.247    -.1304556    .0336352
activity_16E |  -.1529218   .0488546    -3.13   0.002    -.2488676   -.0569759
activity_17E |  -.0831891   .0595831    -1.40   0.163    -.2002047    .0338265
activity_18E |   .0312307   .0479653     0.65   0.515    -.0629686      .12543
activity_19E |   .3326839   .0581064     5.73   0.000     .2185684    .4467993
activity_20E |   .4613417   .0720425     6.40   0.000      .319857    .6028264
activity_21E |  -.3438801   .0721986    -4.76   0.000    -.4856713   -.2020889
activity_22E |    .225055   .0831367     2.71   0.007     .0617823    .3883276
activity_23E |   .2923236   .1034707     2.83   0.005     .0891168    .4955305
activity_24E |   -.118815   .1432598    -0.83   0.407    -.4001637    .1625337
activity_25E |   .0541849   .0487641     1.11   0.267    -.0415832     .149953
       _cons |  -.0012622   .0298024    -0.04   0.966    -.0597914    .0572669
-------------+----------------------------------------------------------------
     sigma_u |  .77873264
     sigma_e |  .63318961
         rho |  .60199767   (fraction of variance due to u_i)
------------------------------------------------------------------------------
(est1 stored)
.
```

```
.     eststo: xtreg znegaff activity_1E activity_2E activity_3E activity_4E activity_5E ac
> tivity_6E activity_7E activity_8E activity_9E activity_10E activity_11E activity_12E act
> ivity_13E activity_14E activity_15E activity_16E activity_17E activity_18E activity_19E
> activity_20E activity_21E activity_22E activity_23E activity_24E activity_25E , fe vce(c
> luster id)
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.0930                                         min =          1
     Between = 0.0454                                         avg =        4.6
     Overall = 0.0544                                         max =          5
                                                F(25,603)         =       7.86
corr(u_i, Xb) = 0.0540                          Prob > F          =     0.0000
                                  (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     znegaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
 activity_1E |   .1688049   .0809762     2.08   0.038     .0097752    .3278345
 activity_2E |   .1707282   .0503445     3.39   0.001     .0718563       .2696
 activity_3E |    .087421   .0590866     1.48   0.140    -.0286196    .2034615
 activity_4E |  -.0617492   .0460879    -1.34   0.181    -.1522614     .028763
 activity_5E |   .2667954   .0447434     5.96   0.000     .1789235    .3546673
 activity_6E |   .0890939   .0357867     2.49   0.013     .0188121    .1593756
 activity_7E |  -.0457737   .0323515    -1.41   0.158     -.109309    .0177616
 activity_8E |   .0104349   .0447684     0.23   0.816    -.0774861    .0983559
 activity_9E |   .1375593   .0750497     1.83   0.067    -.0098312    .2849498
activity_10E |  -.1796539   .1183377    -1.52   0.130     -.412058    .0527501
activity_11E |  -.0865432   .0338525    -2.56   0.011    -.1530263   -.0200601
activity_12E |  -.0579201   .0448884    -1.29   0.197    -.1460766    .0302364
activity_13E |  -.1856281   .0560832    -3.31   0.001    -.2957703    -.075486
activity_14E |   .3045126   .0855604     3.56   0.000       .13648    .4725452
activity_15E |   .0575493   .0364472     1.58   0.115    -.0140295    .1291282
activity_16E |   .1124066   .0435166     2.58   0.010     .0269441     .197869
activity_17E |   .1036889   .0471348     2.20   0.028     .0111206    .1962571
activity_18E |  -.0511058   .0445634    -1.15   0.252     -.138624    .0364124
activity_19E |   -.074978   .0541455    -1.38   0.167    -.1813146    .0313587
activity_20E |  -.2664505   .0598587    -4.45   0.000    -.3840074   -.1488936
activity_21E |  -.0331984   .0705927    -0.47   0.638    -.1718358    .1054389
activity_22E |  -.2227758   .0669975    -3.33   0.001    -.3543525   -.0911991
activity_23E |  -.0947385    .072407    -1.31   0.191    -.2369392    .0474621
activity_24E |   .1432697   .1183283     1.21   0.226     -.089116    .3756553
activity_25E |   .0167383   .0439258     0.38   0.703    -.0695278    .1030044
       _cons |  -.0358451   .0246725    -1.45   0.147    -.0842996    .0126094
-------------+----------------------------------------------------------------
     sigma_u |  .86233271
     sigma_e |  .54166117
         rho |   .7170755   (fraction of variance due to u_i)
------------------------------------------------------------------------------
(est2 stored)
.
.     *Choosing resting/relaxing as the refcat:
.
```

```
.     eststo: xtreg   zposaff i.N_act_ep  activity_1E activity_2E activity_3E activity_4E
> activity_5E activity_6E activity_7E activity_8E activity_9E activity_10E activity_11E ac
> tivity_12E activity_13E activity_14E activity_15E activity_16E activity_17E  activity_19
> E activity_20E activity_21E activity_22E activity_23E activity_24E activity_25E , fe vce
> (cluster id)
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.1435                                         min =          1
     Between = 0.0718                                         avg =        4.6
     Overall = 0.0951                                         max =          5
                                                F(35,603)         =          .
corr(u_i, Xb) = 0.0432                          Prob > F          =          .
                                  (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     zposaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
    N_act_ep |
           2 |  -.0022965   .0590939    -0.04   0.969    -.1183515    .1137584
           3 |    .007227   .1052291     0.07   0.945     -.199433     .213887
           4 |   .1050347   .1552053     0.68   0.499    -.1997739    .4098433
           5 |   .1819549   .1958812     0.93   0.353    -.2027372    .5666471
           6 |   .2119111    .253282     0.84   0.403    -.2855109    .7093331
           7 |   .1228677   .2939771     0.42   0.676    -.4544756     .700211
           8 |   .2486554   .3567649     0.70   0.486    -.4519974    .9493081
           9 |   .1977854    .403678     0.49   0.624    -.5950002     .990571
          10 |   .3299775   .4666845     0.71   0.480     -.586547    1.246502
          11 |   .0493287   .6781069     0.07   0.942    -1.282409    1.381067
          12 |  -.0019685   .5753701    -0.00   0.997    -1.131941    1.128004
          14 |  -1.350022   .6606535    -2.04   0.041    -2.647484    -.052561
             |
 activity_1E |    .056956   .0994121     0.57   0.567    -.1382799     .252192
 activity_2E |  -.2786079   .0719539    -3.87   0.000    -.4199185   -.1372972
 activity_3E |   -.247846   .0898733    -2.76   0.006    -.4243487   -.0713432
 activity_4E |   .0463896    .073442     0.63   0.528    -.0978435    .1906227
 activity_5E |  -.3062761   .0698179    -4.39   0.000     -.443392   -.1691602
 activity_6E |  -.0187851   .0604231    -0.31   0.756    -.1374503      .09988
 activity_7E |   .1086843   .0582643     1.87   0.063    -.0057413    .2231099
 activity_8E |  -.0590804   .0753938    -0.78   0.434    -.2071467     .088986
 activity_9E |   .0772565   .0955454     0.81   0.419    -.1103856    .2648987
activity_10E |   .0923726    .171285     0.54   0.590     -.244015    .4287601
activity_11E |  -.0405163   .0636712    -0.64   0.525    -.1655607     .084528
activity_12E |   .1110625   .0734209     1.51   0.131    -.0331292    .2552542
activity_13E |   .1894953   .0768383     2.47   0.014     .0385921    .3403984
activity_14E |  -.1847647   .1078396    -1.71   0.087    -.3965516    .0270222
activity_15E |   -.071324   .0680952    -1.05   0.295    -.2050566    .0624085
activity_16E |  -.1859534    .073555    -2.53   0.012    -.3304085   -.0414984
activity_17E |  -.1131963   .0776509    -1.46   0.145    -.2656953    .0393026
activity_19E |   .3119495    .071691     4.35   0.000     .1711552    .4527438
activity_20E |   .4449352   .0879882     5.06   0.000     .2721346    .6177359
activity_21E |  -.3570428   .0934541    -3.82   0.000    -.5405779   -.1735077
activity_22E |    .198786   .0989513     2.01   0.045     .0044549    .3931171
activity_23E |   .2618129   .1102194     2.38   0.018     .0453523    .4782735
activity_24E |  -.1411332   .1531638    -0.92   0.357    -.4419325     .159666
activity_25E |   .0265802   .0682742     0.39   0.697     -.107504    .1606644
       _cons |   .0269018    .054764     0.49   0.623    -.0806495    .1344531
-------------+----------------------------------------------------------------
     sigma_u |  .77897402
```

```
.     eststo: xtreg   znegaff i.N_act_ep activity_1E activity_2E activity_3E activity_4E a
> ctivity_5E activity_6E activity_7E activity_8E activity_9E activity_10E activity_11E act
> ivity_12E activity_13E activity_14E activity_15E activity_16E activity_17E  activity_19E
> activity_20E activity_21E activity_22E activity_23E activity_24E activity_25E, fe vce(cl
> uster id)
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.1002                                         min =          1
     Between = 0.0425                                         avg =        4.6
     Overall = 0.0544                                         max =          5
                                                F(35,603)         =          .
corr(u_i, Xb) = 0.0479                          Prob > F          =          .
                                  (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     znegaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
    N_act_ep |
           2 |  -.0058666   .0581632    -0.10   0.920    -.1200936    .1083604
           3 |  -.0324821   .0969393    -0.34   0.738    -.2228616    .1578975
           4 |  -.1959567   .1348803    -1.45   0.147    -.4608489    .0689355
           5 |  -.2093892   .1870643    -1.12   0.263    -.5767659    .1579875
           6 |  -.1810644   .2324786    -0.78   0.436    -.6376305    .2755017
           7 |  -.2394858   .2747668    -0.87   0.384    -.7791019    .3001304
           8 |  -.4371123   .3343113    -1.31   0.192    -1.093668    .2194437
           9 |  -.3335546   .3647114    -0.91   0.361    -1.049814    .3827043
          10 |  -.4437201   .4331196    -1.02   0.306    -1.294326    .4068861
          11 |  -.8496031   .4726128    -1.80   0.073     -1.77777    .0785639
          12 |  -.3086529   .5158042    -0.60   0.550    -1.321644    .7043379
          14 |   1.064838   .5986503     1.78   0.076    -.1108547    2.240531
             |
 activity_1E |   .2030977   .0935717     2.17   0.030     .0193316    .3868637
 activity_2E |   .2087761   .0615142     3.39   0.001     .0879679    .3295843
 activity_3E |   .1374286   .0722988     1.90   0.058    -.0045594    .2794167
 activity_4E |  -.0214407   .0670996    -0.32   0.749    -.1532181    .1103367
 activity_5E |   .3070418   .0625772     4.91   0.000      .184146    .4299376
 activity_6E |   .1363432   .0552848     2.47   0.014     .0277691    .2449172
 activity_7E |   -.004715   .0535282    -0.09   0.930    -.1098393    .1004093
 activity_8E |   .0632013   .0653644     0.97   0.334    -.0651682    .1915708
 activity_9E |   .1976837   .0884828     2.23   0.026     .0239117    .3714556
activity_10E |  -.1279179   .1285339    -1.00   0.320    -.3803463    .1245106
activity_11E |  -.0356658    .055511    -0.64   0.521    -.1446841    .0733526
activity_12E |  -.0066888   .0620546    -0.11   0.914    -.1285583    .1151806
activity_13E |  -.1450611   .0717118    -2.02   0.044    -.2858964   -.0042258
activity_14E |   .3418234   .0958104     3.57   0.000     .1536607    .5299861
activity_15E |   .1021503   .0638481     1.60   0.110    -.0232414    .2275419
activity_16E |   .1652431   .0626014     2.64   0.009     .0422998    .2881865
activity_17E |    .158567   .0652482     2.43   0.015     .0304256    .2867083
activity_19E |  -.0296288   .0666804    -0.44   0.657    -.1605828    .1013252
activity_20E |  -.2291246   .0727511    -3.15   0.002    -.3720009   -.0862484
activity_21E |   .0186812   .0911748     0.20   0.838    -.1603776      .19774
activity_22E |  -.1766196   .0831859    -2.12   0.034    -.3399888   -.0132503
activity_23E |  -.0264889   .0819109    -0.32   0.747    -.1873543    .1343764
activity_24E |   .2005466     .12903     1.55   0.121    -.0528562    .4539493
activity_25E |   .0669567   .0638547     1.05   0.295     -.058448    .1923614
       _cons |  -.0933938   .0490207    -1.91   0.057    -.1896658    .0028783
-------------+----------------------------------------------------------------
     sigma_u |  .86306278
```

```
.
.     coefplot est1 est3,  bylabel("Positive affect")  || est2 est4, bylabel("Negative aff
> ect") keep(*N_act_ep*) xline(0)
(est1: no coefficients found, all dropped, or none kept)
(est2: no coefficients found, all dropped, or none kept)
.
.     coefplot est1 est3,  bylabel("Positive affect")  ||     est2 est4, bylabel("Negative
> affect") keep(activity*) xline(0) p1(label(Without # of events FEs)) p2(label(with # of
> events FEs))
.
.     graph export reference_change_1A.png, replace
file reference_change_1A.png saved as PNG format
```



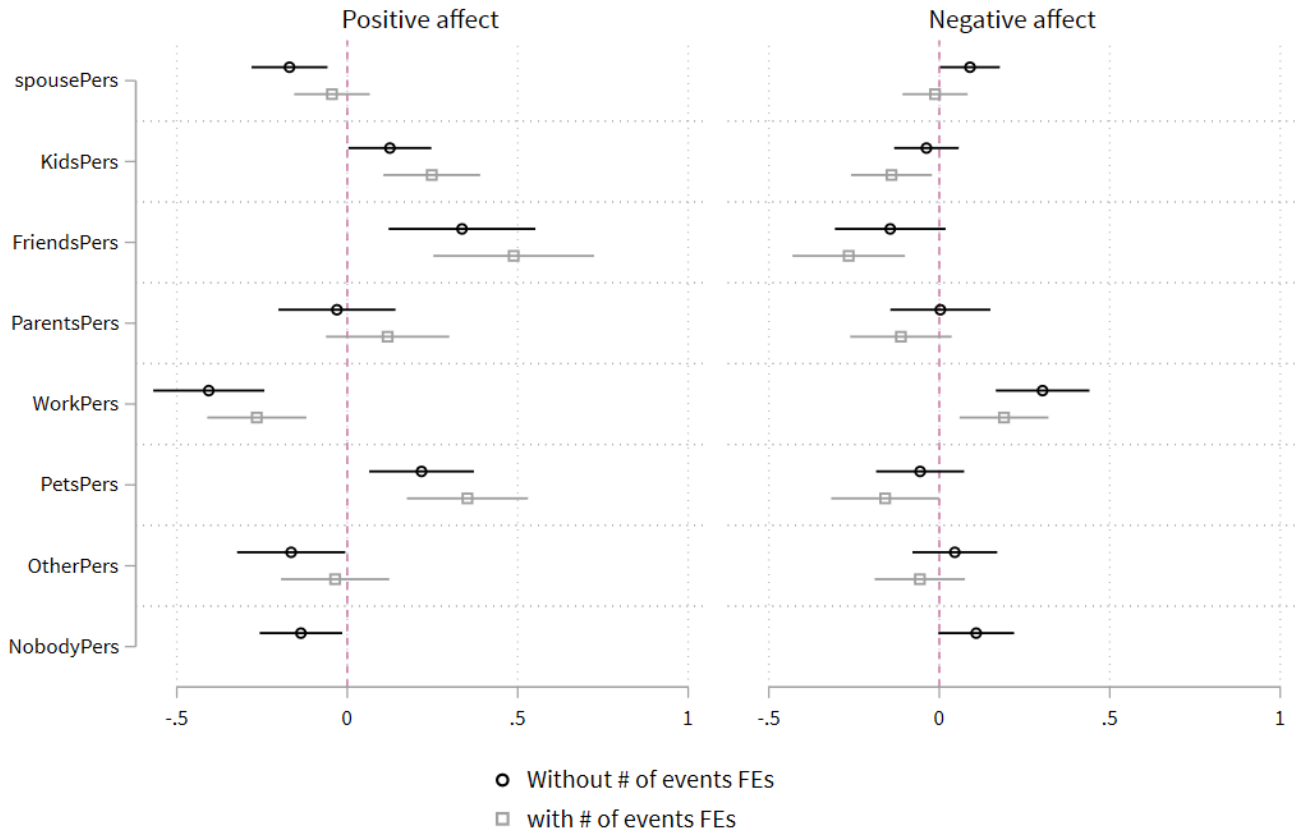

```
.
.     *bys ep_id: gen N_pers_ep = spousePers +KidsPers +FriendsPers+ ParentsPers +WorkPers
> + PetsPers +OtherPers+ NobodyPers
.
.
.
.     eststo clear
.
```

```
.     eststo: xtreg zposaff  spousePers KidsPers FriendsPers ParentsPers WorkPers PetsPers
> OtherPers NobodyPers , fe vce(cluster id)
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.0334                                         min =          1
     Between = 0.0026                                         avg =        4.6
     Overall = 0.0097                                         max =          5
                                                F(8,603)          =       7.41
corr(u_i, Xb) = -0.0880                         Prob > F          =     0.0000
                                  (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     zposaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
  spousePers |  -.1693775   .0566762    -2.99   0.003    -.2806841   -.0580708
    KidsPers |   .1250375   .0618989     2.02   0.044     .0034739     .246601
 FriendsPers |   .3366915   .1095846     3.07   0.002     .1214776    .5519054
 ParentsPers |  -.0302574    .087403    -0.35   0.729    -.2019085    .1413938
    WorkPers |  -.4061625   .0830095    -4.89   0.000    -.5691854   -.2431395
    PetsPers |   .2179296   .0782191     2.79   0.006     .0643146    .3715445
   OtherPers |  -.1644595   .0807958    -2.04   0.042    -.3231347   -.0057842
  NobodyPers |  -.1357955   .0616478    -2.20   0.028     -.256866    -.014725
       _cons |   .0850982   .0518766     1.64   0.101    -.0167826     .186979
-------------+----------------------------------------------------------------
     sigma_u |  .81031835
     sigma_e |  .66833556
         rho |   .5951444   (fraction of variance due to u_i)
------------------------------------------------------------------------------
(est1 stored)
.
```

```
.     eststo: xtreg zposaff  i.N_pers_ep spousePers KidsPers FriendsPers ParentsPers WorkP
> ers PetsPers OtherPers NobodyPers , fe vce(cluster id)
note: NobodyPers omitted because of collinearity.
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.0345                                         min =          1
     Between = 0.0027                                         avg =        4.6
     Overall = 0.0102                                         max =          5
                                                F(10,603)         =          .
corr(u_i, Xb) = -0.0870                         Prob > F          =          .
                                  (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     zposaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
   N_pers_ep |
           2 |  -.0987902   .0718733    -1.37   0.170    -.2399427    .0423622
           3 |  -.2936474   .1506172    -1.95   0.052    -.5894455    .0021506
           4 |  -.3729509   .2429631    -1.54   0.125    -.8501076    .1042057
           5 |   -1.34581   .2271039    -5.93   0.000     -1.79182   -.8997989
             |
  spousePers |  -.0448263   .0564273    -0.79   0.427    -.1556443    .0659917
    KidsPers |   .2479327   .0722666     3.43   0.001      .106008    .3898574
 FriendsPers |   .4881293   .1199557     4.07   0.000      .2525475   .7237111
 ParentsPers |    .118457   .0920664     1.29   0.199    -.0623528    .2992668
    WorkPers |   -.265291   .0740438    -3.58   0.000    -.4107059    -.119876
    PetsPers |   .3524867   .0904702     3.90   0.000     .1748117    .5301617
   OtherPers |  -.0355022   .0807925    -0.44   0.661    -.1941712    .1231667
  NobodyPers |          0  (omitted)
       _cons |  -.0502208   .0320337    -1.57   0.117    -.1131319    .0126903
-------------+----------------------------------------------------------------
     sigma_u |  .81022569
     sigma_e |  .66842121
         rho |  .59502754   (fraction of variance due to u_i)
------------------------------------------------------------------------------
(est2 stored)
.
```

```
.     eststo: xtreg znegaff  spousePers KidsPers FriendsPers ParentsPers WorkPers PetsPers
> OtherPers NobodyPers , fe vce(cluster id)
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.0159                                         min =          1
     Between = 0.0012                                         avg =        4.6
     Overall = 0.0006                                         max =          5
                                                F(8,603)          =       3.44
corr(u_i, Xb) = -0.0810                         Prob > F          =     0.0007
                                  (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     znegaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
  spousePers |   .0900283   .0445035     2.02   0.044     .0026277     .177429
    KidsPers |  -.0378001   .0481978    -0.78   0.433    -.1324561    .0568559
 FriendsPers |  -.1438895   .0826187    -1.74   0.082    -.3061448    .0183659
 ParentsPers |   .0030989   .0747194     0.04   0.967     -.143643    .1498409
    WorkPers |   .3029868   .0699041     4.33   0.000     .1657017    .4402718
    PetsPers |  -.0562273   .0657265    -0.86   0.393    -.1853079    .0728534
   OtherPers |   .0455011   .0633423     0.72   0.473    -.0788972    .1698995
  NobodyPers |   .1082538   .0565952     1.91   0.056    -.0028939    .2194015
       _cons |    -.07351   .0440444    -1.67   0.096    -.1600091     .012989
-------------+----------------------------------------------------------------
     sigma_u |  .88478192
     sigma_e |  .56201533
         rho |  .71251374   (fraction of variance due to u_i)
------------------------------------------------------------------------------
(est3 stored)
.
```

```
.     eststo: xtreg znegaff  i.N_pers_ep spousePers KidsPers FriendsPers ParentsPers WorkP
> ers PetsPers OtherPers NobodyPers , fe vce(cluster id)
note: NobodyPers omitted because of collinearity.
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.0172                                         min =          1
     Between = 0.0016                                         avg =        4.6
     Overall = 0.0006                                         max =          5
                                                F(10,603)         =          .
corr(u_i, Xb) = -0.0856                         Prob > F          =          .
                                  (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     znegaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
   N_pers_ep |
           2 |   .0931826    .065265     1.43   0.154    -.0349916    .2213569
           3 |   .2190333   .1246601     1.76   0.079    -.0257874    .4638541
           4 |   .2520654   .2334253     1.08   0.281    -.2063599    .7104908
           5 |   1.265467     .19205     6.59   0.000     .8882984    1.642635
             |
  spousePers |  -.0125123   .0486036    -0.26   0.797    -.1079651    .0829405
    KidsPers |  -.1402765     .06043    -2.32   0.021    -.2589554   -.0215975
 FriendsPers |  -.2657307   .0839191    -3.17   0.002      -.43054   -.1009215
 ParentsPers |   -.112635   .0757918    -1.49   0.138     -.261483    .0362131
    WorkPers |   .1897207   .0663116     2.86   0.004     .0594909    .3199505
    PetsPers |  -.1588086   .0805543    -1.97   0.049    -.3170098   -.0006075
   OtherPers |   -.057134   .0674305    -0.85   0.397    -.1895611    .0752931
  NobodyPers |          0  (omitted)
       _cons |    .034168    .028145     1.21   0.225    -.0211063    .0894422
-------------+----------------------------------------------------------------
     sigma_u |  .88528757
     sigma_e |  .56202896
         rho |  .71273781   (fraction of variance due to u_i)
------------------------------------------------------------------------------
(est4 stored)
.
.     coefplot est1 est2,  bylabel("Positive affect")  || est3 est4, bylabel("Negative aff
> ect") keep(*Pers) xline(0)  p1(label(Without # of events FEs)) p2(label(with # of events
> FEs))
.
.     graph export reference_change_1C.png, replace
file reference_change_1C.png saved as PNG format
```



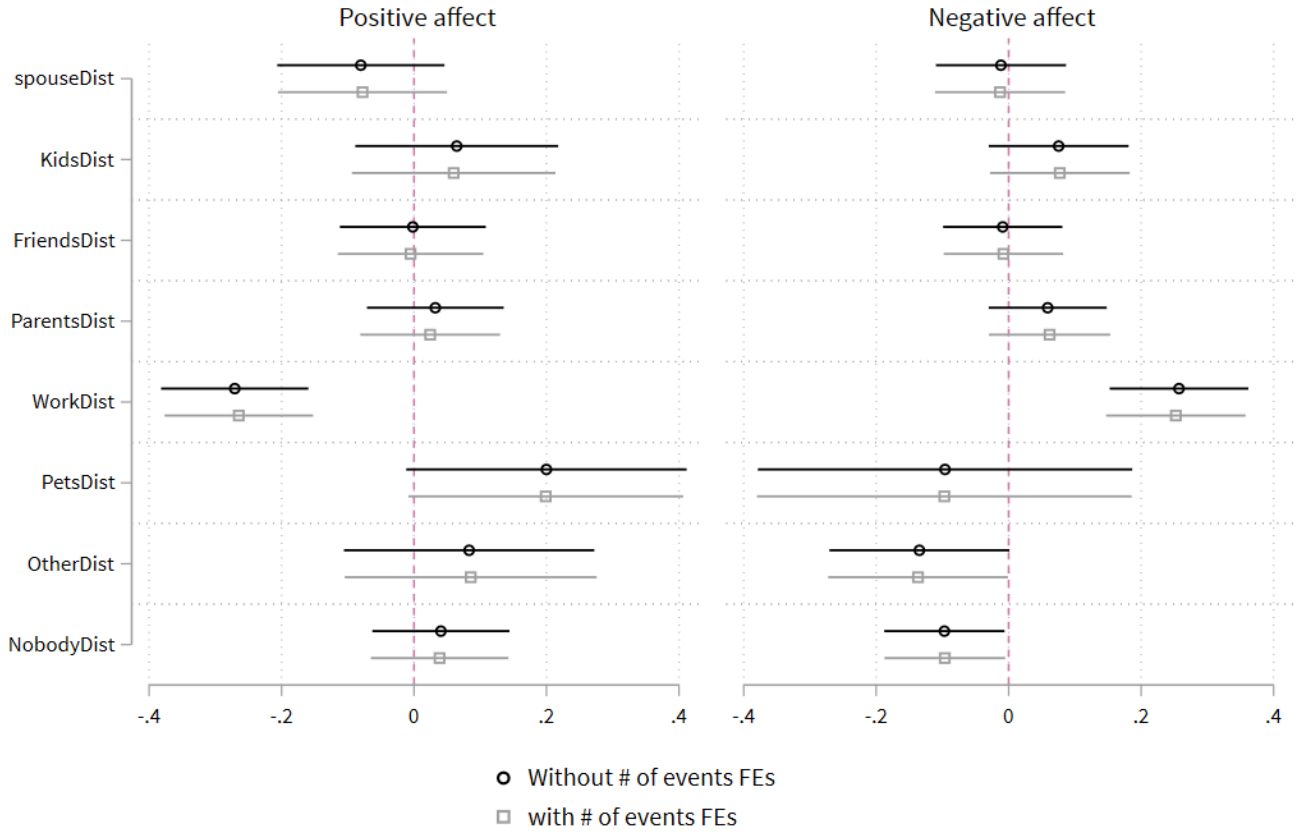

```
.
.       eststo clear
.
```

```
.     eststo: xtreg zposaff  spouseDist KidsDist FriendsDist ParentsDist WorkDist PetsDist
> OtherDist NobodyDist , fe vce(cluster id)
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.0185                                         min =          1
     Between = 0.0044                                         avg =        4.6
     Overall = 0.0109                                         max =          5
                                                F(8,603)          =       5.35
corr(u_i, Xb) = -0.0073                         Prob > F          =     0.0000
                                  (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     zposaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
  spouseDist |  -.0803228   .0642938    -1.25   0.212    -.2065897    .0459442
    KidsDist |   .0645067   .0779885     0.83   0.408    -.0886554    .2176687
 FriendsDist |  -.0018067    .056064    -0.03   0.974     -.111911    .1082977
 ParentsDist |   .0321421   .0525619     0.61   0.541    -.0710844    .1353687
    WorkDist |  -.2706503   .0566383    -4.78   0.000    -.3818827   -.1594179
    PetsDist |   .1998754   .1077837     1.85   0.064    -.0118017    .4115525
   OtherDist |   .0832014   .0962368     0.86   0.388    -.1057986    .2722015
  NobodyDist |   .0405801   .0527218     0.77   0.442    -.0629605    .1441207
       _cons |   .0074408   .0460664     0.16   0.872    -.0830292    .0979109
-------------+----------------------------------------------------------------
     sigma_u |  .80485678
     sigma_e |  .67348043
         rho |  .58817132   (fraction of variance due to u_i)
------------------------------------------------------------------------------
(est1 stored)
.
```

```
.     eststo: xtreg zposaff  i.N_pers_ep spouseDist KidsDist FriendsDist ParentsDist WorkD
> ist PetsDist OtherDist NobodyDist , fe vce(cluster id)
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.0200                                         min =          1
     Between = 0.0077                                         avg =        4.6
     Overall = 0.0133                                         max =          5
                                                F(11,603)         =          .
corr(u_i, Xb) = 0.0019                          Prob > F          =          .
                                  (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     zposaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
   N_pers_ep |
           2 |   .0681785   .0486168     1.40   0.161    -.0273003    .1636573
           3 |   .0468908   .1112389     0.42   0.674    -.1715719    .2653535
           4 |   .1441083     .18899     0.76   0.446    -.2270502    .5152669
           5 |  -.4099669   .0884551    -4.63   0.000    -.5836844   -.2362493
             |
  spouseDist |  -.0777079   .0649648    -1.20   0.232    -.2052927    .0498769
    KidsDist |   .0599091   .0782449     0.77   0.444    -.0937565    .2135746
 FriendsDist |  -.0051884   .0559354    -0.09   0.926    -.1150403    .1046634
 ParentsDist |   .0244072   .0536831     0.45   0.650    -.0810214    .1298357
    WorkDist |   -.264502   .0571519    -4.63   0.000    -.3767429   -.1522612
    PetsDist |    .198903   .1055788     1.88   0.060    -.0084438    .4062498
   OtherDist |   .0856315   .0968106     0.88   0.377    -.1044954    .2757584
  NobodyDist |   .0386028   .0528875     0.73   0.466    -.0652634    .1424689
       _cons |  -.0071209   .0474027    -0.15   0.881    -.1002154    .0859736
-------------+----------------------------------------------------------------
     sigma_u |  .80329101
     sigma_e |  .67357681
         rho |  .58715825   (fraction of variance due to u_i)
------------------------------------------------------------------------------
(est2 stored)
.
```

```
.     eststo: xtreg znegaff  spouseDist KidsDist FriendsDist ParentsDist WorkDist PetsDist
> OtherDist NobodyDist , fe vce(cluster id)
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.0365                                         min =          1
     Between = 0.0114                                         avg =        4.6
     Overall = 0.0174                                         max =          5
                                                F(8,603)          =       9.69
corr(u_i, Xb) = 0.0068                          Prob > F          =     0.0000
                                    (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     znegaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
  spouseDist |  -.0116321   .0500143    -0.23   0.816    -.1098555    .0865914
    KidsDist |   .0755601   .0537388     1.41   0.160    -.0299778     .181098
 FriendsDist |   -.008905   .0458189    -0.19   0.846     -.098889    .0810791
 ParentsDist |    .058954   .0453683     1.30   0.194     -.030145    .1480531
    WorkDist |   .2572323   .0533281     4.82   0.000     .1525009    .3619637
    PetsDist |  -.0960126   .1439006    -0.67   0.505    -.3786199    .1865947
   OtherDist |  -.1347164   .0691978    -1.95   0.052    -.2706143    .0011815
  NobodyDist |  -.0970003   .0462613    -2.10   0.036     -.187853   -.0061475
       _cons |   .0124259   .0396954     0.31   0.754    -.0655323     .090384
-------------+----------------------------------------------------------------
     sigma_u |  .87411899
     sigma_e |  .55610442
         rho |  .71187765   (fraction of variance due to u_i)
------------------------------------------------------------------------------
(est3 stored)
.
```

```
.     eststo: xtreg znegaff  i.N_pers_ep spouseDist KidsDist FriendsDist ParentsDist WorkD
> ist PetsDist OtherDist NobodyDist , fe vce(cluster id)
Fixed-effects (within) regression               Number of obs     =      2,795
Group variable: id                              Number of groups  =        604
R-squared:                                      Obs per group:
     Within  = 0.0374                                         min =          1
     Between = 0.0115                                         avg =        4.6
     Overall = 0.0175                                         max =          5
                                                F(11,603)         =          .
corr(u_i, Xb) = 0.0064                          Prob > F          =          .
                                  (Std. err. adjusted for 604 clusters in id)
------------------------------------------------------------------------------
             |               Robust
     znegaff | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
   N_pers_ep |
           2 |  -.0348165   .0367108    -0.95   0.343    -.1069131    .0372801
           3 |  -.0155417   .0825421    -0.19   0.851    -.1776466    .1465631
           4 |  -.1200561   .1870189    -0.64   0.521    -.4873437    .2472315
           5 |   .4433303   .0797513     5.56   0.000     .2867062    .5999544
             |
  spouseDist |  -.0129651   .0500059    -0.26   0.796    -.1111719    .0852417
    KidsDist |   .0772595   .0536895     1.44   0.151    -.0281817    .1827007
 FriendsDist |  -.0078146   .0459708    -0.17   0.865    -.0980969    .0824678
 ParentsDist |   .0618174   .0465997     1.33   0.185       -.0297    .1533347
    WorkDist |   .2524902   .0535633     4.71   0.000     .1472969    .3576835
    PetsDist |    -.09706   .1440245    -0.67   0.501    -.3799106    .1857906
   OtherDist |  -.1367954   .0690984    -1.98   0.048    -.2724982   -.0010927
  NobodyDist |  -.0963264   .0463827    -2.08   0.038    -.1874177   -.0052352
       _cons |   .0204254   .0397966     0.51   0.608    -.0577313    .0985821
-------------+----------------------------------------------------------------
     sigma_u |  .87409503
     sigma_e |  .55633348
         rho |  .71169744   (fraction of variance due to u_i)
------------------------------------------------------------------------------
(est4 stored)
.
.     coefplot est1 est2,  bylabel("Positive affect")  || est3 est4, bylabel("Negative aff
> ect") keep(*Dist) xline(0)  p1(label(Without # of events FEs)) p2(label(with # of events
> FEs))
.
.     graph export reference_change_1D.png, replace
file reference_change_1D.png saved as PNG format
```




```
.
.      log close
       name:  <unnamed>
        log:  C:\Users\adema\Dropbox\Projects_own\ERROR_replication\log_31.log
  log type:  text
 closed on:   4 Jun 2024, 21:56:39
-------------------------------------------------------------------------------------------
> ------------
```