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Preliminary Estimate of the Integrated Cross-sectional Weighting (Sub-samples A - G) for 2003

Note

- All processes are only applicable for private households (POP=1 or POP=2); in the case of institutional households, only their dropout behaviour is taken into consideration, i.e. it is not aligned to external structure information.
- Weighting is always carried out separately for new and old federal states.
- In principle, the standard weighting for the sub-samples A-F is always carried out in the first step. High income sub-sample G is then integrated, with respect to its proportion. This proportion is the result of external information on the distribution of private households according to their income class (micro census).

Household Weights

1. The population universe is comprised of all private households in Germany in 2003.

2. In order to calculate the cross-sectional weights for wave 20 (T/2003), all SOEP households who agreed to a household interview and
   - received a household weight in wave 19 or
   - temporarily dropped out in wave 19 or
   - were interviewed for the first time in wave 20
   were taken into account.

   E.g. the snowball ("Schneeball") households in wave D, for whom all weights were reduced to zero, are once again not taken into account.

3. In the first step, we calculated the initial weights for all samples, based on the weights for wave S (2002), by estimating the drop-out probabilities (see Kroh/Spieß 2004).

4. As usual the initial weights for samples A-E and F were marginally aligned to the key data of the 2003 micro census.

   - Household size (5 categories)
   - Nationality (German / non-German head of the household)
   - Gender of the head of the household
   - Age of the household members (17 categories)

5. In contrast to the calculation of the integrated weights for the first wave S (2002), due to the previously calculated dropout probabilities, the structure of the weighting for the sub-sample A-F and the high income sub-sample G was already available for the

second wave T (2003). The only task remaining is the normalisation with regards to the sample sizes and the adherence to the key figures. To do so, the sub-samples A-F and the high income sub-sample G were normalised to their previous year proportions.

6. These normalised initial weights underwent a repeated marginal alignment, which took into account the marginal values of the income categories (albeit on the basis of the 2002 micro census)

> up to 3835 €
> 3835 -   5112 €
> 5113 + €

as well as the standardised key sums. Furthermore, the shares of sub-samples A-F vs. G which have been provided are kept constant.

Individual Weights

1. The population universe is comprised of the legitimately resident population in private households, who have their main residence in Germany in the year 2003.

2. Every individual is assigned a so-called initial weight. For the sub-samples A-F, this consisted of the individual weight that had been determined by the dropout analysis and marginally aligned to the 17 age categories in 2003.

3. The marginally aligned individual weights and the estimated individual weights for G form new basic values for the alignment to the age distribution. The proportions of the sub-samples A-F and G were defined by the integrated household weights which had previously been established.

4. The normalised individual weights were aligned towards the age structure of 2003.

For information only: integration of sub-sample G in wave 19 (S/2002)

1. This was based on the final weights for A-F and the isolated weights for wave S:

2. Three partial-groups/income categories were established in A-F and G.

   1 0 - 3834 €   (inc. no answer)
   2 3835 - 5112 €
   3 5113+ €

3. The next step consisted of establishing the weighting sums and structure of the three partial-groups in sub-samples A-F and in G.

4. Next, it was necessary to establish a principle weighting factor for sub-samples A-F and G; i.e. with which proportions should the partial-groups for the two sub-samples be entered into the integrated weighting A-G. The number of realised cases in the partial-groups was used as the benchmark. Therefore, there were 2*3 weighting figures (samples * income categories) available. These weighting figures were then distributed accordingly. The key figure was now technically

correct, although naturally this was no longer the case for characteristics that were yet to be aligned. Therefore, …

5. the weights from 4. formed the initial values for a repeated marginal alignment to the established structure. The proportions provided for A-F and G were additionally used as a restriction in order to avoid a mix-up of the sub-samples.

6. Individual weights were initially equated with the household weights. The alignment to the age structure of the population was then carried out as before.

Some key data
Households (inc. institutions)

```
    Variable |       Obs        Mean    Std. Dev.       Min        Max
-------------+--------------------------------------------------------
        hhnr |     11910    280298.6    233365.3        27     824984
     hhnrakt |     11910    288600.2    225514.2        27     825514
       thhrf |     11910    3308.706    3678.073         0      38486
      thhrff |     11910    3301.746    6212.566         0      78905
     thhrfae |     11910    3314.392    6065.723         0      69974
-------------+--------------------------------------------------------
     thhrfag |     11910    3309.288     3525.59        21      38627
```

-> tabulation of privat by tsampreg

```
           |       current
           |    sample region
           |        2003
    privat | W Germany  E Germany |     Total
-----------+---------------------+----------
         0 |        83         22 |       105
         1 |     9,000      2,805 |    11,805
-----------+---------------------+----------
     Total |     9,083      2,827 |    11,910
```

```
           |       current
           |    sample region
           |        2003
    privat | W Germany  E Germany |     Total
-----------+---------------------+----------
         0 |   356,705    104,905 |   461,610
           |     77.27      22.73 |    100.00
           |      1.11       1.43 |      1.17
-----------+---------------------+----------
         1 |  31730062    7215013 |  38945075
           |     81.47      18.53 |    100.00
           |     98.89      98.57 |     98.83
-----------+---------------------+----------
     Total |  32086767    7319918 |  39406685
           |     81.42      18.58 |    100.00
           |    100.00     100.00 |    100.00
```

```
. tab2 privat tsampreg [w=thhrfag], col row

               |        current
               |     sample region
               |         2003
        privat | W Germany  E Germany |     Total
    -----------+---------------------+----------
             0 |    363,657    104,905 |    468,562
               |      77.61      22.39 |    100.00
               |       1.13       1.43 |      1.19
    -----------+---------------------+----------
             1 |   31730034    7215025 |   38945059
               |      81.47      18.53 |    100.00
               |      98.87      98.57 |     98.81
    -----------+---------------------+----------
         Total |   32093691    7319930 |   39413621
               |      81.43      18.57 |    100.00
               |     100.00     100.00 |    100.00


. tab2 privat tsampreg [w=thhrfae], col row

               |        current
               |     sample region
               |         2003
        privat | W Germany  E Germany |     Total
    -----------+---------------------+----------
             0 |    390,768    138,602 |    529,370
               |      73.82      26.18 |    100.00
               |       1.22       1.88 |      1.34
    -----------+---------------------+----------
             1 |   31730051    7214984 |   38945035
               |      81.47      18.53 |    100.00
               |      98.78      98.12 |     98.66
    -----------+---------------------+----------
         Total |   32120819    7353586 |   39474405
               |      81.37      18.63 |    100.00
               |     100.00     100.00 |    100.00


. tab2 privat tsampreg [w=thhrff], col row

               |        current
               |     sample region
               |         2003
        privat | W Germany  E Germany |     Total
    -----------+---------------------+----------
             0 |    315,074     63,722 |    378,796
               |      83.18      16.82 |    100.00
               |       0.98       0.88 |      0.96
    -----------+---------------------+----------
             1 |   31730000    7215004 |   38945004
               |      81.47      18.53 |    100.00
               |      99.02      99.12 |     99.04
    -----------+---------------------+----------
         Total |   32045074    7278726 |   39323800
               |      81.49      18.51 |    100.00
               |     100.00     100.00 |    100.00
```

Only Private Households From Here On!

```
. tab2 thhgr tsampreg

-> tabulation of thhgr by tsampreg

             |         current
             |      sample region
    size of  |         2003
  household  | W Germany  E Germany |      Total
 ------------+---------------------+----------
          1 |     2,205        706 |      2,911
          2 |     3,239      1,091 |      4,330
          3 |     1,500        520 |      2,020
          4 |     1,426        377 |      1,803
          5 |       630        111 |        741
 ------------+---------------------+----------
      Total |     9,000      2,805 |     11,805


. tab2 thhgr tsampreg [w=thhrf  ], col row
(frequency weights assumed)

-> tabulation of thhgr by tsampreg


             |         current
             |      sample region
    size of  |         2003
  household  | W Germany  E Germany |      Total
 ------------+---------------------+----------
          1 | 11790990    2635000  | 14425990
             |    81.73      18.27 |    100.00
             |    37.16      36.52 |     37.04
 ------------+---------------------+----------
          2 | 10622003    2547990  | 13169993
             |    80.65      19.35 |    100.00
             |    33.48      35.32 |     33.82
 ------------+---------------------+----------
          3 |  4279996    1181997  |  5461993
             |    78.36      21.64 |    100.00
             |    13.49      16.38 |     14.02
 ------------+---------------------+----------
          4 |  3582001     687,006 |  4269007
             |    83.91      16.09 |    100.00
             |    11.29       9.52 |     10.96
 ------------+---------------------+----------
          5 |  1455004     163,001 |  1618005
             |    89.93      10.07 |    100.00
             |     4.59       2.26 |      4.15
 ------------+---------------------+----------
      Total | 31729994    7214994  | 38944988
             |    81.47      18.53 |    100.00
             |   100.00     100.00 |    100.00
```

```
. tab2 thhgr tsampreg [w=thhrfag], col row

           |        current
           |      sample region
    size of|        2003
  household| W Germany  E Germany |    Total
-----------+---------------------+----------
         1 |  11791018    2635004 |  14426022
           |     81.73      18.27 |    100.00
           |     37.16      36.52 |     37.04
-----------+---------------------+----------
         2 |  10622004    2547998 |  13170002
           |     80.65      19.35 |    100.00
           |     33.48      35.32 |     33.82
-----------+---------------------+----------
         3 |   4279998    1182013 |   5462011
           |     78.36      21.64 |    100.00
           |     13.49      16.38 |     14.02
-----------+---------------------+----------
         4 |   3582005    687,000 |   4269005
           |     83.91      16.09 |    100.00
           |     11.29       9.52 |     10.96
-----------+---------------------+----------
         5 |   1455008    162,999 |   1618007
           |     89.93      10.07 |    100.00
           |      4.59       2.26 |      4.15
-----------+---------------------+----------
     Total |  31730033    7215014 |  38945047
           |     81.47      18.53 |    100.00
           |    100.00     100.00 |    100.00


. tab2 thhgr tsampreg [w=thhrfae], col row

           |        current
           |      sample region
    size of|        2003
  household| W Germany  E Germany |    Total
-----------+---------------------+----------
         1 |  11791018    2634994 |  14426012
           |     81.73      18.27 |    100.00
           |     37.16      36.52 |     37.04
-----------+---------------------+----------
         2 |  10621999    2548002 |  13170001
           |     80.65      19.35 |    100.00
           |     33.48      35.32 |     33.82
-----------+---------------------+----------
         3 |   4280009    1182012 |   5462021
           |     78.36      21.64 |    100.00
           |     13.49      16.38 |     14.02
-----------+---------------------+----------
         4 |   3582017    687,006 |   4269023
           |     83.91      16.09 |    100.00
           |     11.29       9.52 |     10.96
-----------+---------------------+----------
         5 |   1455003    162,999 |   1618002
           |     89.93      10.07 |    100.00
           |      4.59       2.26 |      4.15
-----------+---------------------+----------
     Total |  31730046    7215013 |  38945059
           |     81.47      18.53 |    100.00
           |    100.00     100.00 |    100.00
```

```
. tab2 thhgr tsampreg [w=thhrff], col row

           |         current
           |      sample region
    size of|         2003
  household| W Germany  E Germany |     Total
-----------+----------------------+----------
         1 |  11791009    2634996 |  14426005
           |     81.73      18.27 |    100.00
           |     37.16      36.52 |     37.04
-----------+----------------------+----------
         2 |  10622012    2548002 |  13170014
           |     80.65      19.35 |    100.00
           |     33.48      35.32 |     33.82
-----------+----------------------+----------
         3 |   4280007    1182000 |   5462007
           |     78.36      21.64 |    100.00
           |     13.49      16.38 |     14.02
-----------+----------------------+----------
         4 |   3582004    686,999 |   4269003
           |     83.91      16.09 |    100.00
           |     11.29       9.52 |     10.96
-----------+----------------------+----------
         5 |   1455005    162,998 |   1618003
           |     89.93      10.07 |    100.00
           |      4.59       2.26 |      4.15
-----------+----------------------+----------
     Total |  31730037    7214995 |  38945032
           |     81.47      18.53 |    100.00
           |    100.00     100.00 |    100.00

. tab2 hsample tsampreg


                    |         current
                    |      sample region
                    |         2003
        sample type | W Germany  E Germany |     Total
--------------------+----------------------+----------
    a germans, west |     3,008         27 |     3,035
 b foreigners, west |       735          1 |       736
    c germans, east |       187      1,607 |     1,794
d immigrants 1984-93|       241          3 |       244
   e supplement 1998|       601        137 |       738
   f supplement 2000|     3,412        938 |     4,350
     g high income  |       816         92 |       908
--------------------+----------------------+----------
              Total |     9,000      2,805 |    11,805
```

```
. tab2 hsample tsampreg [w=thhrf  ], col row

                     |       current
                     |    sample region
                     |       2003
         sample type | W Germany  E Germany |     Total
---------------------+---------------------+----------
    a germans, west  | 12760434     148,609 | 12909043
                     |    98.85        1.15 |    100.00
                     |    40.22        2.06 |     33.15
---------------------+---------------------+----------
  b foreigners, west |  750,110       1,176 |   751,286
                     |    99.84        0.16 |    100.00
                     |     2.36        0.02 |      1.93
---------------------+---------------------+----------
     c germans, east |  511,899     3136532 |   3648431
                     |    14.03       85.97 |    100.00
                     |     1.61       43.47 |      9.37
---------------------+---------------------+----------
d immigrants 1984-93 |  640,643       3,067 |   643,710
                     |    99.52        0.48 |    100.00
                     |     2.02        0.04 |      1.65
---------------------+---------------------+----------
   e supplement 1998 |  2788435     678,864 |   3467299
                     |    80.42       19.58 |    100.00
                     |     8.79        9.41 |      8.90
---------------------+---------------------+----------
   f supplement 2000 | 14278541     3246765 |  17525306
                     |    81.47       18.53 |    100.00
                     |    45.00       45.00 |     45.00
---------------------+---------------------+----------
               Total | 31730062     7215013 |  38945075
                     |    81.47       18.53 |    100.00
                     |   100.00      100.00 |    100.00
```

```
. tab2 hsample tsampreg [w=thhrfag], col row

                    |        current
                    |     sample region
                    |         2003
        sample type | W Germany  E Germany |     Total
--------------------+---------------------+----------
    a germans, west |  11913849    141,335 |  12055184
                    |     98.83       1.17 |    100.00
                    |     37.55       1.96 |     30.95
--------------------+---------------------+----------
 b foreigners, west |   723,404      1,092 |   724,496
                    |     99.85       0.15 |    100.00
                    |      2.28       0.02 |      1.86
--------------------+---------------------+----------
     c germans, east |   486,091    3064874 |   3550965
                    |     13.69      86.31 |    100.00
                    |      1.53      42.48 |      9.12
--------------------+---------------------+----------
d immigrants 1984-93 |   618,652      2,955 |   621,607
                    |     99.52       0.48 |    100.00
                    |      1.95       0.04 |      1.60
--------------------+---------------------+----------
   e supplement 1998 |   2630098    663,047 |   3293145
                    |     79.87      20.13 |    100.00
                    |      8.29       9.19 |      8.46
--------------------+---------------------+----------
   f supplement 2000 |  13559256    3179501 |  16738757
                    |     81.01      18.99 |    100.00
                    |     42.73      44.07 |     42.98
--------------------+---------------------+----------
     g high income   |   1798684    162,221 |   1960905
                    |     91.73       8.27 |    100.00
                    |      5.67       2.25 |      5.04
--------------------+---------------------+----------
              Total |  31730034    7215025 |  38945059
                    |     81.47      18.53 |    100.00
                    |    100.00     100.00 |    100.00
```

```
. tab2 hsample tsampreg [w=thhrfae], col row

                     |       current
                     |    sample region
                     |       2003
        sample type  | W Germany  E Germany |     Total
---------------------+---------------------+----------
     a germans, west | 23200796     270,199 | 23470995
                     |    98.85        1.15 |    100.00
                     |    73.12        3.74 |     60.27
---------------------+---------------------+----------
  b foreigners, west |  1363830       2,137 |  1365967
                     |    99.84        0.16 |    100.00
                     |     4.30        0.03 |      3.51
---------------------+---------------------+----------
      c germans, east|  930,731     5702784 |  6633515
                     |    14.03       85.97 |    100.00
                     |     2.93       79.04 |     17.03
---------------------+---------------------+----------
d immigrants 1984-93 |  1164824       5,577 |  1170401
                     |    99.52        0.48 |    100.00
                     |     3.67        0.08 |      3.01
---------------------+---------------------+----------
   e supplement 1998 |  5069870     1234287 |  6304157
                     |    80.42       19.58 |    100.00
                     |    15.98       17.11 |     16.19
---------------------+---------------------+----------
               Total | 31730051     7214984 | 38945035
                     |    81.47       18.53 |    100.00
                     |   100.00      100.00 |    100.00


. tab2 hsample tsampreg [w=thhrff], col row

                     |       current
                     |    sample region
                     |       2003
        sample type  | W Germany  E Germany |     Total
---------------------+---------------------+----------
   f supplement 2000 | 31730000     7215004 | 38945004
                     |    81.47       18.53 |    100.00
                     |   100.00      100.00 |    100.00
---------------------+---------------------+----------
               Total | 31730000     7215004 | 38945004
                     |    81.47       18.53 |    100.00
                     |   100.00      100.00 |    100.00
```

Individuals(inc. individuals in institutional households)

```
     Variable |        Obs        Mean    Std. Dev.       Min        Max
-------------+--------------------------------------------------------
         hhnr |      27985      290089    243427.4         27     824984
       persnr |      27985     2959275     2388738        201    8254402
        tphrf |      27985    2935.503    3462.408          0      40655
       tphrff |      27985    2934.288    5786.511          0      80525
      tphrfae |      27985    2936.496    5596.091          0      73918
      tphrfag |      27985    2935.505    3152.292          0      39923
```

. generate privat=1

. tab2 privat tsampreg


```
             |          current
             |     sample region
             |          2003
     private | W Germany  E Germany |     Total
-----------+---------------------+----------
         0 |       111          30 |       141
         1 |    21,503       6,341 |    27,844
-----------+---------------------+----------
     Total |    21,614       6,371 |    27,985
```

. tab2 privat tsampreg [w=**tphrf**], col row

```
             |          current
             |     sample region
             |          2003
     private | W Germany  E Germany |     Total
-----------+---------------------+----------
         0 |   448,852     117,150 |   566,002
             |     79.30       20.70 |    100.00
             |      0.67        0.79 |      0.69
-----------+---------------------+----------
         1 |  66912053    14671996 |  81584049
             |     82.02       17.98 |    100.00
             |     99.33       99.21 |     99.31
-----------+---------------------+----------
     Total |  67360905    14789146 |  82150051
             |     82.00       18.00 |    100.00
             |    100.00      100.00 |    100.00
```

```
. tab2 privat tsampreg [w=tphrfag], col row

           |       current
           |    sample region
           |        2003
   private | W Germany  E Germany |     Total
-----------+---------------------+----------
         0 |    448,852    117,150 |   566,002
           |      79.30      20.70 |    100.00
           |       0.67       0.79 |      0.69
-----------+---------------------+----------
         1 |   66912126   14671990 |  81584116
           |      82.02      17.98 |    100.00
           |      99.33      99.21 |     99.31
-----------+---------------------+----------
     Total |   67360978   14789140 |  82150118
           |      82.00      18.00 |    100.00
           |     100.00     100.00 |    100.00


. tab2 privat tsampreg [w=tphrfae], col row

           |       current
           |    sample region
           |        2003
   private | W Germany  E Germany |     Total
-----------+---------------------+----------
         0 |    440,393    153,402 |   593,795
           |      74.17      25.83 |    100.00
           |       0.65       1.03 |      0.72
-----------+---------------------+----------
         1 |   66912031   14672005 |  81584036
           |      82.02      17.98 |    100.00
           |      99.35      98.97 |     99.28
-----------+---------------------+----------
     Total |   67352424   14825407 |  82177831
           |      81.96      18.04 |    100.00
           |     100.00     100.00 |    100.00


. tab2 privat tsampreg [w=tphrff], col row
(frequency weights assumed)

           |       current
           |    sample region
           |        2003
   private | W Germany  E Germany |     Total
-----------+---------------------+----------
         0 |    459,179     72,842 |   532,021
           |      86.31      13.69 |    100.00
           |       0.68       0.49 |      0.65
-----------+---------------------+----------
         1 |   66912003   14672025 |  81584028
           |      82.02      17.98 |    100.00
           |      99.32      99.51 |     99.35
-----------+---------------------+----------
     Total |   67371182   14744867 |  82116049
           |      82.04      17.96 |    100.00
           |     100.00     100.00 |    100.00
```

Only individuals in private households in their main residence from here on!

```
                        |      current
                        |   sample region
Population membership |       2003
              2003     | W Germany  E Germany |     Total
----------------------+----------------------+----------
private_hh., german   |    19,124      6,334 |    25,458
private_hh., foreign  |     2,379          7 |     2,386
----------------------+----------------------+----------
               Total  |    21,503      6,341 |    27,844
```

. tab2 tpop tsampreg [w=**tphrf**], col row

```
                        |      current
                        |   sample region
Population membership |       2003
              2003     | W Germany  E Germany |     Total
----------------------+----------------------+----------
private_hh., german   | 60232444   14586380 | 74818824
                        |    80.50      19.50 |    100.00
                        |    90.02      99.42 |     91.71
----------------------+----------------------+----------
private_hh., foreign  |  6679609      85,616 |  6765225
                        |    98.73       1.27 |    100.00
                        |     9.98       0.58 |      8.29
----------------------+----------------------+----------
               Total  | 66912053   14671996 | 81584049
                        |    82.02      17.98 |    100.00
                        |   100.00     100.00 |    100.00
```

. tab2 tpop tsampreg [w=**tphrfag**], col row

```
                        |      current
                        |   sample region
Population membership |       2003
              2003     | W Germany  E Germany |     Total
----------------------+----------------------+----------
private_hh., german   | 60610432   14589679 | 75200111
                        |    80.60      19.40 |    100.00
                        |    90.58      99.44 |     92.17
----------------------+----------------------+----------
private_hh., foreign  |  6301694      82,311 |  6384005
                        |    98.71       1.29 |    100.00
                        |     9.42       0.56 |      7.83
----------------------+----------------------+----------
               Total  | 66912126   14671990 | 81584116
                        |    82.02      17.98 |    100.00
                        |   100.00     100.00 |    100.00
```

```
. tab2 tpop tsampreg [w=tphrfae], col row

                     |       current
                     |    sample region
Population membership |       2003
                2003 | W Germany  E Germany |     Total
---------------------+----------------------+----------
private_hh., german  |   60171439   14561772 |  74733211
                     |      80.51      19.49 |    100.00
                     |      89.93      99.25 |     91.60
---------------------+----------------------+----------
private_hh., foreign |    6740592    110,233 |   6850825
                     |      98.39       1.61 |    100.00
                     |      10.07       0.75 |      8.40
---------------------+----------------------+----------
               Total |   66912031   14672005 |  81584036
                     |      82.02      17.98 |    100.00
                     |     100.00     100.00 |    100.00


. tab2 tpop tsampreg [w=tphrff], col row

                     |       current
                     |    sample region
Population membership |       2003
                2003 | W Germany  E Germany |     Total
---------------------+----------------------+----------
private_hh., german  |   60306980   14616498 |  74923478
                     |      80.49      19.51 |    100.00
                     |      90.13      99.62 |     91.84
---------------------+----------------------+----------
private_hh., foreign |    6605023     55,527 |   6660550
                     |      99.17       0.83 |    100.00
                     |       9.87       0.38 |      8.16
---------------------+----------------------+----------
               Total |   66912003   14672025 |  81584028
                     |      82.02      17.98 |    100.00
                     |     100.00     100.00 |    100.00


. tab2 psample tsampreg

                     |       current
                     |    sample region
                     |       2003
         sample type | W Germany  E Germany |     Total
---------------------+----------------------+----------
    a germans  (west) |     6,799         58 |     6,857
  b foreigners (west) |     2,108          1 |     2,109
     c germans (east) |       392      3,723 |     4,115
 d immigrants 1984-93 |       756         12 |       768
    e supplement 1998 |     1,318        289 |     1,607
    f supplement 2000 |     7,886      1,976 |     9,862
       g high income |     2,244        282 |     2,526
---------------------+----------------------+----------
               Total |    21,503      6,341 |    27,844
```

```
. tab2 psample tsampreg [w=tphrf  ], col row

                     |       current
                     |   sample region
                     |       2003
         sample type | W Germany  E Germany |      Total
---------------------+---------------------+----------
    a germans (west) |  25415270    253,865 |   25669135
                     |     99.01       0.99 |     100.00
                     |     37.98       1.73 |      31.46
---------------------+---------------------+----------
 b foreigners (west) |   2883732      3,637 |    2887369
                     |     99.87       0.13 |     100.00
                     |      4.31       0.02 |       3.54
---------------------+---------------------+----------
    c germans (east) |   1067445    6403211 |    7470656
                     |     14.29      85.71 |     100.00
                     |      1.60      43.64 |       9.16
---------------------+---------------------+----------
d immigrants 1984-93 |   1732901     12,694 |    1745595
                     |     99.27       0.73 |     100.00
                     |      2.59       0.09 |       2.14
---------------------+---------------------+----------
   e supplement 1998 |   5702314    1396202 |    7098516
                     |     80.33      19.67 |     100.00
                     |      8.52       9.52 |       8.70
---------------------+---------------------+----------
   f supplement 2000 |  30110391    6602387 |   36712778
                     |     82.02      17.98 |     100.00
                     |     45.00      45.00 |      45.00
---------------------+---------------------+----------
               Total |  66912053   14671996 |   81584049
                     |     82.02      17.98 |     100.00
                     |    100.00     100.00 |     100.00
```

```
. tab2 psample tsampreg [w=tphrfag], col row

                     |       current
                     |    sample region
                     |       2003
         sample type | W Germany  E Germany |      Total
---------------------+---------------------+----------
    a germans (west) |  23689609    247,124 |  23936733
                     |     98.97       1.03 |     100.00
                     |     35.40       1.68 |      29.34
---------------------+---------------------+----------
 b foreigners (west) |   2675953      3,570 |   2679523
                     |     99.87       0.13 |     100.00
                     |      4.00       0.02 |       3.28
---------------------+---------------------+----------
    c germans (east) |   993,119    6213030 |   7206149
                     |     13.78      86.22 |     100.00
                     |      1.48      42.35 |       8.83
---------------------+---------------------+----------
d immigrants 1984-93 |   1608793     12,383 |   1621176
                     |     99.24       0.76 |     100.00
                     |      2.40       0.08 |       1.99
---------------------+---------------------+----------
   e supplement 1998 |   5294412    1350989 |   6645401
                     |     79.67      20.33 |     100.00
                     |      7.91       9.21 |       8.15
---------------------+---------------------+----------
   f supplement 2000 |  28032415    6403979 |  34436394
                     |     81.40      18.60 |     100.00
                     |     41.89      43.65 |      42.21
---------------------+---------------------+----------
      g high income  |   4617825    440,915 |   5058740
                     |     91.28       8.72 |     100.00
                     |      6.90       3.01 |       6.20
---------------------+---------------------+----------
               Total |  66912126   14671990 |  81584116
                     |     82.02      17.98 |     100.00
                     |    100.00     100.00 |     100.00
```

```
. tab2 psample tsampreg [w=tphrfae], col row

                      |       current
                      |    sample region
                      |       2003
         sample type  | W Germany  E Germany |     Total
----------------------+----------------------+----------
   a germans (west)   | 46209514     461,576 |  46671090
                      |    99.01        0.99 |    100.00
                      |    69.06        3.15 |     57.21
----------------------+----------------------+----------
 b foreigners (west)  |  5243128       6,613 |   5249741
                      |    99.87        0.13 |    100.00
                      |     7.84        0.05 |      6.43
----------------------+----------------------+----------
   c germans (east)   |  1940806    11642185 |  13582991
                      |    14.29       85.71 |    100.00
                      |     2.90       79.35 |     16.65
----------------------+----------------------+----------
 d immigrants 1984-93 |  3150726      23,078 |   3173804
                      |    99.27        0.73 |    100.00
                      |     4.71        0.16 |      3.89
----------------------+----------------------+----------
  e supplement 1998   | 10367857     2538553 |  12906410
                      |    80.33       19.67 |    100.00
                      |    15.49       17.30 |     15.82
----------------------+----------------------+----------
              Total   | 66912031    14672005 |  81584036
                      |    82.02       17.98 |    100.00
                      |   100.00      100.00 |    100.00


. tab2 psample tsampreg [w=tphrff], col row

                      |       current
                      |    sample region
                      |       2003
         sample type  | W Germany  E Germany |     Total
----------------------+----------------------+----------
  f supplement 2000   | 66912003    14672025 |  81584028
                      |    82.02       17.98 |    100.00
                      |   100.00      100.00 |    100.00
----------------------+----------------------+----------
              Total   | 66912003    14672025 |  81584028
                      |    82.02       17.98 |    100.00
                      |   100.00      100.00 |    100.00
```