Table 1: Track Choice and Test Scores

- Data file: PISA03.zip, PISA06.zip; can be downloaded from
  http://www.pisa.oecd.org/pages/0,3417,en_32252351_32236130_1_1_1_1_1,00.htm
  l
- do-files:
-
    o create_dataset.do: uses the original data files PISA03.dta and
      PISA06.dta, cleans data and defines variables, and saves the new data
      set as pool.dta
    o reg_analysis.do: uses data set pool.dta and produces the results
      reported in Table 1
    o see also read_me.txt which explains in more detail how the output
      (results.xls) should be read

Figure 2: Maternity Leave Take-Up Over Time

IABS 7595 Plus:

The data file blhvdr.dta cannot be distributed, but are accessible at the
Forschungsdatenzentrum at the IAB in Nuremberg (http://fdz.iab.de/en.aspx)

- Data file: blhvdr.dta.
- do-files:
    o maternity.do: uses the original data file blhvdr.dta, computes (among
      other things) the share of mothers on maternity leave, and saves the
      new data set as maternityleave.dta
    o maternity_MLchildren.do uses maternityleave.dta, computes the share
      of mothers on maternity leave around the 1986 and 1992 policy
      reforms (used to compute the first stage in Table 7), and creates a birth
      year-birth month data set maternity_MLchildren_agg.dta

Approximation:

- data files: births_germancitizens_west.dta (Number of births to German
  citizens in West Germany), observations_year.dta (Number of observations in
  data)
- Do-files: figure2.do uses maternity_MLchildren_agg.dta,
  births_germancitizens_west.dta and observations_year.dta and creates Figure
  2

**Figure 3: Expansions in Leave Coverage and Mothers' Return to the Labor
Market**

The data file matall.dta cannot be distributed, but are accessible at the
Forschungsdatenzentrum at the IAB in Nuremberg (http://fdz.iab.de/en.aspx)

- Data file: matall.dta

- Do-file: Figure_work_beforeafter.do uses matall.dta and creates Figure 3

Table 2: Expansions in Leave Coverage, Early Maternal Employment, and Cumulative Income

- Data file: matall.dta
- Do-files:
    o Estimates_monthsworked_diffindiff.do: uses data file matall.dta and estimates the impact of the expansions in leave coverage on early maternal employment (first column of Table 2)
    o Estimates_earnings_diffindiff.do uses data file matall.dta and estimates the impact of the expansions in leave coverage on cumulative earnings (second column of Table 2)

Figure 4: The Impact of the Expansion in Leave Coverage from 2 to 6 Months on Children's Outcomes (May 1979)

The data files clean`YEAR'.dta cannot be distributed, but are accessible at the Forschungsdatenzentrum at the IAB in Nuremberg (http://fdz.iab.de/en.aspx)

- Data files: clean`YEAR'.dta , 1991-2008
- Do-files:
    o datacreation.do: uses data files clean1991.dta, clean1992.dta, …, clean2008.dta and creates a sample of individuals born between 1976 and 1981 and saves the new data set as reform1979.dta
    o Figures1979.do uses reform1979.dta and creates Figure 4

Table 3: The Impact of the 1979 Expansion in Leave Coverage from 2 to 6 Months on Children's Outcomes, Difference-in-Difference Estimates

- Data file: reform1979.dta
- Do-file: DiffinDiff1979.do uses and provides the difference-in-difference estimates of the impact of the expansion on children's outcomes in Table 3

Figure 5: The Impact of the Expansion in Leave Coverage from 6 to 10 Months on the Probability of Graduating from the High Track (January 1986)

- Data files: Bayern6to10agg.dta (Bavaria), Hessen6to10_agg.dta (Hesse), SH6to10_agg.dta (Schleswig-Hostein)

These data sets are aggregated to the birth year and birth month level, for the three states Bavaria, Hesse, and Schleswig-Hostein. These data sets have been created from the individual-level data FDZ_ALLG_SCHULE_B0405_ANONYM_END.DTA (Bavaria), suf_abs_`COHORT'.dta (Hesse), and suf_sh_`COHORT'.dta (Schleswig-Holstein). These data sets cannot be distributed. To assess them, please contact Dr. Simone Wagner (Simone.Wagner@lfstad.bayern.de, Bavaria), Hans Peter Mast (hans-peter.mast@statistik.rlp.de, Hesse), and Josef Keil (schulen.kultur@statistik-nord.de, Josef.eil@statistik-nord.de, Schleswig-Hostein). For the purpose of this

paper, the individual-level data sets contain no information that cannot be deduced from the aggregated data sets.

- Do-files:

    o Aggregatedata6to10.do: uses individual data sets suf_abs_`COHORT' (Hesse), and suf_sh_`COHORT' (Schleswig-Holstein) and creates aggregate data sets Hessen6to10_agg.dta and SH6to10_agg.dta
    o Bayern6to10agg.do: uses individual data set FDZ_ALLG_SCHULE_B0405_ANONYM_END.dta and creates aggregate data set Bayern6to10agg.dta
    o figures_86.do uses data sets Bayern6to10agg.dta, Hessen6to10_agg.dta, SH6to10_agg.dta and creates Figure 5

Table 4: The Impact of the 1986 Expansion in Leave Coverage from 6 to 10 Months on Graduation from High Track, Difference-in-Difference Estimates

- Data files: Bayern6to10agg.dta (Bavaria), Hessen6to10_agg.dta (Hesse), SH6to10_agg.dta (Schleswig-Hostein)

- Do-file: DiffinDiff86.do: uses data sets Bayern6to10agg.dta, Hessen6to10_agg.dta, SH6to10_agg.dta and produces regressions displayed in Table 4

Figure 6: The Impact of the Expansion in Leave Coverage from 18 to 36 Months on Children's Track Choices (January 1992)

- Data files: Bayern18to36_agg_ano.dta (Bavaria), Hessen18to36_agg_ano.dta (Hesse), SH18to36_agg_ano.dta (Schleswig-Hostein)

These data sets are aggregated to the birth year and birth month level, for the three states Bavaria, Hesse, and Schleswig-Hostein. These data sets have been created from the individual-level data FDZ_ALLG_SCHULE_B0405_ANONYM_END.DTA (Bavaria), suf_abs_`COHORT'.dta (Hesse), and suf_sh_`COHORT'.dta (Schleswig-Holstein). These data sets cannot be distributed. To assess them, please contact Dr. Simone Wagner (Simone.Wagner@lfstad.bayern.de, Bavaria), Hans Peter Mast (hans-peter.mast@statistik.rlp.de, Hesse), and Josef Keil (schulen.kultur@statistik-nord.de, Josef.eil@statistik-nord.de, Schleswig-Hostein). For the purpose of this paper, the individual-level data sets contain no information that cannot be deduced from the aggregated data sets.

Do-files:

    o Aggregatedata18to36.do: uses individual data sets suf_abs_`COHORT' (Hesse) and suf_sh_`COHORT' (Schleswig-Holstein) and creates aggregate data sets Hessen18to36_agg_ano.dta and SH18to36_agg_ano.dta

- o Bayernagg18to36.do: uses individual data set FDZ_ALLG_SCHULE_B0405_ANONYM_END.dta and creates aggregate data set Bayern18to36_agg_ano.dta
- o Figures_92.do uses data sets Bayern18to36_agg_ano.dta, Hessen18to36_agg_ano.dta, SH18to36_agg_ano.dta and creates Figure 6

Table 5: The Impact of the 1992 Expansion in Leave Coverage from 18 to 36 Months on Children's Track Choices, Difference in Difference Estimates

- Data files: Bayern18to36_agg_ano.dta (Bavaria), Hessen18to36_agg_ano.dta (Hesse), SH18to36_agg_ano.dta (Schleswig-Hostein)

Do-files:

- o Fromaggtoinddata.do: uses data sets Bayern18to36_agg_ano.dta, Hessen18to36_agg_ano.dta, and SH18to36_agg_ano.dta, creates new variables and saves new data sets as Bayern1836_ind.dta, Hesse1836_ind.dta, and SH1836_ind.dta.
- o DiffinDiff_92.do: uses data sets Bayern1836_ind.dta, Hesse1836_ind.dta, and SH1836_ind.dta and produces the difference-in-difference estimates reported in Table 5

Table 6: The Impact of the Expansion in Leave Coverage from 18 to 36 Months on Children's Long-Term Outcomes: Robustness Checks (Regression Discontinuity and Regression Discontinuity-Difference-in-Difference Estimates)

1) Panel A: 2 vs 6 months (May 1979)

- Data file: reform1979.dta
- Do-file: RD_DiffinDiff.do uses data set reform1979.dta and produces the regression discontinuity and regression discontinuity-difference-in-difference estimates reported in Table 6, Panel A.

2) Panel B: 6 vs 10 months (January 1986)

- Data files: Bayern6to10agg.dta, Hessen6to10_agg.dta, SH6to10_agg.dta
- Do-file: RD_DiffinDiff_86.do uses data sets Bayern6to10agg.dta, Hessen6to10_agg.dta, SH6to10_agg.dta and produces the regression discontinuity and regression discontinuity-difference-in-difference estimates reported in Table 6, Panel B.

3) Panel C: 18 vs 36 months (January 1992)

- Data files: Bayern1836_ind.dta, Hesse1836_ind.dta, and SH1836_ind.dta

- Do-file: RD_DiffinDiff_92.do uses data sets Bayern1836_ind.dta, Hesse1836_ind.dta, and SH1836_ind.dta and produces the regression discontinuity and regression discontinuity-difference-in-difference estimates reported in Table 6, Panel C.

Table 7: Two-Sample Two Stage Least Squares Estimates of the Impact of Early Maternal Employment on Children's Long-Term Educational Outcomes

1) Intention-to-treat, Panel A: see Table 3, row (5); intention-to-treat estimates, Panel B: see Table 4, row (6); intention-to-treat estimates, Panel B: see Table 4, row (6).
2) First stage:
   - column "Mothers on leave": see Table 2, row (1) in Panel A, B, C
   - column "all mothers": numbers in column "Mothers on leave" multiplied by the share of mothers who take up maternity leave. The share of mothers on maternity leave is computed as follows:

   o Panel A: *data files*: births1976_1982.dta (number of births per month from 1976 to 1982), aggdata_prebirth.dta (number of observations per month in data (computed from matall.dta). *Do-file*: MaternityLeave_1979.do uses the data sets above and approximates the share of women who take up maternity leave as the ratio between the number of observations in the data and the number of births. Since this ratio underestimates the share of women who sign up for maternity leave, we add the average difference between this ratio and the share of mothers who take maternity leave in the IABS Plus 75-95 for the years 1986 to 1995, 0.082 (see Figure 2).
   o Panels B and C: *data file*: maternityleave.dta (see description in Figure 2). *Do-file*: maternity_MLchildren.do uses maternityleave.dta and computes the share of mothers who sign up for maternity leave.

   Fromaggtoinddata.do: uses data sets Bayern18to36_agg_ano.dta, Hessen18to36
3) TS-2SLS: TS-2SLS estimates are obtained by dividing the intention-to-treat estimates in rows (1) by the first stage estimates in rows (2) (column "all mothers")

Figure A1: Weights Given to Local Average Treatment Effects (Equation (7))

- Data file: matall.dta
- Do-file: weights_LATE.do uses data set matall.dta and produces the regression discontinuity and regression discontinuity-difference-in-difference estimates reported in Table 6, Panel C.