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*               Daughters and Divorce                *
*               J.Kabatek & D.C.Ribar                 *
*               -(J<)-                                *
*-----*
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* This replication package contains three sets of codes. One for the principal *
* analysis that draws on the data provided by Statistics Netherlands (STATNL), *
* one for the LISS analysis, and one for the analysis that draws on CPS data.  *
* - *
* All codes were written and executed in STATA 15.0, OS Windows 10.          *
* All supplementary packages are provided with the code and they are stored in *
* the subfolder 'auxiliary_scripts'. There is no need to install them.        *
* - *
* To run the analyses, please execute the do-files stored in the respective   *
* folders (STATNL_DnD.do, LISS_DnD.do & CPS_DnD.do). To operationalize the    *
* code, please change the global MAIN_FOL macro to the directory which        *
* contains the respective do-files                                           *
* *
* The codes are commented and they contain additional information that should *
* facilitate the replication efforts. Estimation results are stored in the    *
* designated subfolders '/XXX_DnD/results/XLS'.                             *
* *
*-(1)-----*
* The STATNL analysis draws on proprietary data, which means that the datasets *
* are not supplied in the replication package.                                *
* - *
* The package contains a synthetic dataset that illustrates the workings of   *
* the models. The dataset is generated from random data, which means that the *
* resulting model estimates bear no meaningful information.                    *
* - *
* To execute the code with proprietary STATNL data, make sure that you have   *
* access to the following datasets: ADOPTIEKINDEREN                          *
*                                BAANSOMMENTAB                               *
*                                GBAHUISHOUDENSBUS                          *
*                                GBAPERSOONTAB (x)                           *
*                                GBAVERBINTENISPARTNERBUS (x)                 *
*                                HOOGSTEOPLTAB                               *
*                                KINDOUDERTAB (x)                            *
* The datasets marked with (x) are essential. The other datasets add valuable *
* information, however the code can be adjusted to run without them.          *
* - *
* Inquiries regarding the STATNL data access should be addressed to:         *
* microdata@cbs.nl                                                            *
* - *
* The runtime of the full STATNL analysis is approximately two weeks.         *
* The runtime of the synthetic STATNL analysis is 45 minutes.                *
* - *
* The code produces estimates for the following figures and tables:          *
* *
* Table 2 (line 269, STATNL_DnD.do, the output is stored in a designated      *
* log file, TABLE_2_${VERSION}_sumstat.log )                               *
* Table 3 (lines 494-714, STATNL_DnD.do, except for the last CPS row.         *
* Estimates saved in TABLE_3_${VERSION}_het.xml)                           *
* Figure 1 (line 462, STATNL_DnD.do, figure constructed manually from         *
* estimates saved in Column 2, TABLE_A1_${VERSION}_main.xml)               *
* Figure 2 (line 484, STATNL_DnD.do, figure constructed manually from         *
* estimates saved in Column 3, TABLE_A1_${VERSION}_main.xml)               *
* Figure 3 (line 732 STATNL_DnD.do, figure saved as FIGURE_3.png)            *

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* Table A1 (lines 462-484, STATNL_DnD.do)
* Table A2 (lines 494-714, STATNL_DnD.do, estimates saved in rows 245-252
* of TABLE_B1_${VERSION}_het.xml.)
* Table B1 (lines 494-714 and 756, STATNL_DnD.do, estimates saved in
* TABLE_B1_${VERSION}_het.xml.)
* Table B2 (lines 742-800, STATNL_DnD.do), estimates saved in
* rows 245-252 of TABLE_B1_${VERSION}_het.xml.)
*
*-(2)-----
* The LISS replication package contains three LISS data extracts (both in .dta
* and .csv formats, no downloads are necessary.
*
* The LISS data extracts can be also constructed from raw LISS data (see file
* LISS_DnD.do for further instructions)
*
* The runtime of the LISS analysis is 5 minutes.
*
* The code produces estimates for the following tables:
*
* Table 4 (lines 572-720 LISS_DnD.do Estimates for parents are saved in
* TABLES_4_AND_B3__parent.xml, rows 5 & 9. Estimates for teens
* are saved in TABLES_4_AND_B3__teen.xml, row 6) FDR-adjusted
* significance levels were calculated manually (for details, see
* M. Anderson's 2008 JASA article ).
*
* -----
* Table A3 (lines 522-70 LISS_DnD.do. Frequencies are saved in
* TABLE_A3__Liss_frequencies.xls)
* Table B3 (lines 572-720 LISS_DnD.do Estimates for parents are saved in
* TABLES_4_AND_B3__parent.xml. Estimates for teens saved in
* TABLES_4_AND_B3__teen.xml)
*
*-(3)-----
* The CPS replication package contains the CPS-MFS data (both in .dta and
* csv formats, no downloads are necessary.
*
* The runtime for the CPS analysis is 10 minutes.
*
* The code produces estimates for the following tables:
*
* Table 3 (line 143 CPS_DnD.do, the last CPS row. Estimates saved in
* TABLE_3__last_row.xml)
*
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* Table A4 (lines 139-43 CPS_DnD.do, estimates saved in TABLE_A4_CPS.xml)
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