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/*****
/* Replication files for
/* Jessen, Robin, Rostam-Afschar, Davud, and Schmitz, Sebastian
/* "How Important is Precautionary Labor Supply?" (2016)
/* run.do
/* Program files: run.do: Do-file containing Stata code to reproduce the results
/* in the paper's tables and figures based on data from the German Socio-Economic Panel (SOEP)*
/* and the microsimulation model STSM, see Jessen et al. (2015) and Steiner et al. (2012).
/* This program was written to run in Stata version 13.1.
/*
/* run.do calls data_processing.do, and sample_restriction.do
/* sample_restriction.do calls risk_measures.do
/*
/* - run.do returns estimation results, and figures
/* - data_processing.do retrieves, merges, generates, and labels data directly from
/* SOEP wide, long, and STSM, returns raw_data.dta
/* - sample_restriction.do restricts the data to the estimation sample, returns estimation.dta*
/* - risk_measures.do generates risk measures
/*
/* Data files required:
/* - SOEP version 30 long, available at http://www.diw.de/en/soep
/* - SOEP version 30 wide, available at http://www.diw.de/en/soep
/* - SOEP spatial planning regions (geocodes), municipal size classes for STSM
/* - Net incomes from STSM, on-site access available on request to the authors
/* Details about the data are described in the data section of the paper.
/*
/* two_period.nb gives the analytical solution of the calibrated two_period model
/*
/* Use of these files is permitted under the following condition:
/* Anyone using these files must include a citation of the paper in his or her work.
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System Information

Windows 7 Professional Service Pack 1 (64bit)

Intel Core i5-3570S CPU@3.10GHz, 8 GB Ram

Estimation using Stata 13MP, computation time<10min