1 Replication of Theoretical Results

1.1 Simulation Projection

Under folder Simul_Projection

File runsimulgraphs_newpred generates Figures 6 and A.3

Uses dynare, Projected Population data and files DemoMediunRunFinal-Pred_SS which calculates the steady state and DemoMediumRunFinal_newpred.mod.

File runsimulgraphs_newpred_NNw generates Figure A.4

Uses dynare, Projected Population data and files DemoMediunRunFinal-Pred_SS_VNw which calculates the steady state and DemoMediumRunFinal_newpred_VNw.mod.

1.2 Simulation Ageing

Under folder Simul_Ageing

File Rungraphs_AgingRobust produces figures 4 7 and A.5

Uses dynare and files DemoMediunRunFinal_SS, DemoMediunRunFinal_SS_ext1, DemoMediunRunFinal_SS_ext3 and DemoMediunRunFinal_SS_norho which calculate the steady state for each case and DemoMediumRunFinal_pop.mod, DemoMediumRunFinal_pop_ext1.mod, DemoMediumRunFinal_pop_ext3.mod and DemoMediumRunFinal_pop_norho.mod.