Ability parameters, 68–69  
Aging, 2, 10, 111, 117n3  
capital-income tax and, 61–73  
empirical evidence for, 26–30  
equations for, 20–22  
equilibrium effects of, 19–24  
Europe and, 9, 47–48  
fertility rates and, 9, 47  
global tax data, 77–83  
overlapping-generations model and, 12–19, 51–56, 70–73  
pension systems and, 1, 47–51  
population growth and, 20  
retirement age and, 4  
social security and, 56–57 (see also Social security)  
voting effects and, 21–24  
Alesina, Alberto, 77, 83  
Asea, Patrick, 77  
Auerbach, Alan J., 109  
Austria, 109–110  
Barro, Robert J., 27, 84  
Belgium, 109–110  
Benefits. See also Pension systems  
empirical evidence for, 26–30  
IRAs and, 47–51  
medical, 2, 12  
migrants and, 2–3, 10, 30–36  
overlapping-generations model and, 11–19, 51–56  
social security and, 2, 4–5, 14, 47–60  
Besley, Tim, 107–108  
Bohn, Henning, 117n4  
Borjas, George, 10  
Brugiavini, Agar, 2  
Budget constraints, 42  
capital-mobility model and, 93–94, 97–102  
fiscal deficit ceilings and, 58–60  
overlapping-generations model and, 93–94, 97–102  
social security and, 47–60  
Walras’s law and, 98, 104–106  
Business-cycle effects, 27  
Capital  
aging and, 70–73  
downward tax convergence and, 107–111  
EU effects and, 108–111  
global tax data and, 77–83  
income tax and, 3, 61–73, 77–83, 107–111 (see also Taxes)  
international taxes and, 89–106  
overlapping-generations model and, 93–94, 97–102  
user-cost-of-capital approach and, 109  
Capital-mobility model, 89  
budget constraints and, 93–94, 97–102  
consumption and, 90–94, 97–98  
debt and, 97–98  
education and, 90–93
Capital-mobility model (cont.)
indirect-utility function and, 99
innate-ability parameter and, 90
labor and, 90
policy tools and, 97–102
political economy and, 99–102
producers and, 95–97
profits and, 96–97
transfers and, 97–102
voters and, 99
Walras’s law and, 98, 104–106
Cogan, John F., 5
Consumer Price Index (CPI), 28
Consumption, 90–94, 97–98
Cutoff levels, 15, 40, 62, 90
Daveri, Francesco, 32–33, 77
Debt
capital-mobility model and, 97–98
deficit spending and, 2, 58–60
equity markets and, 49–50
social security and, 47–60
Deininger, Klaus, 27, 78
Demographics
aging, 1–2, 9–10, 47–48
downward tax convergence, 107–111
fertility rates, 9
global tax data, 77–83
migrants, 10, 30–36
tax/benefit analysis and, 26–30
Denmark, 109–110
Dependency ratio, 115n14
defined, 28
global tax analysis and, 77–83
labor-tax rates and, 60
migrants and, 31–34
social security and, 47–60
wage gap and, 26–30
Depreciation, 41–42
Devereux, Michael P., 108
Diamond, Peter A., 117n1
Direct democracy, 66
Discount factors, 65
Djajic, Slobodan, viii
Dow Jones Industrial Average, 117n1
Edmonston, Barry, 2
Education, 10, 52. See also Skills
capital-mobility model and, 90–93
cutoff level for, 15, 62
migrants and, 33, 35
overlapping-generations model and, 12, 14–17, 54–55, 62
Efficiency, 21–22, 115n10
capital-mobility model and, 90
social security and, 51–56
Entrepreneurial income, 84
Equations
after-tax lifetime income, 15
aging model, 20–22
capital-income tax, 62, 64–72
capital-mobility model, 90–102
capital tax rate, 85
corporate income tax, 109
cutoff ability level, 40
disposable income, 40
education cost, 15, 17, 62, 90–91
fiscal deficit ceiling, 58–60
government budget constraint, 42
household tax rate, 84
labor supply, 41–42, 52
labor tax rate, 84
market clearance, 98
migration model, 40–45
overlapping-generations model, 12–19, 51–56
production function, 41
social security, 52–57, 59
total labor supply, 13
wage gap, 24–26
Walras’s law, 104–106
Equilibrium, 37
aging and, 19–24
capital-income tax and, 61–73
capital-mobility model and, 99–102
education and, 62
migrant model and, 39–46
overlapping-generations model and, 11–19
social security and, 47–60
tax rate and, 15–16
Index

tax-transfer, 99–102
utility function and, 68
Equity markets, 49–50
Europe, 31. See also specific countries
  aging and, 9, 47–48
global tax data and, 78–83
IRAs and, 47–48
pensions and, 47–51
European Union (EU), 3
  aging and, 1
capital tax convergence and, 107–111
market effects of, 108–111
External shocks, 31
Facchini, Giovanni, 116n15
Fertility rates, 9, 47, 53–54, 56, 113–114n7
Finland, 109–110
Fiscal leakage, 29, 73, 83
France, 109–110
  aging and, 1
  public debt and, 2
  retirement age and, 4
Fully funded systems, 47–51
Galasso, Vincenzo, 117n1
Game theory, 117n4
Geanakoplos, John, 117n1
Germany, 109–110
  aging and, 1, 47–48
  public debt and, 2
  retirement age and, 4
Globalization, 5
  capital-mobility model and, 89–106
downward tax divergence and, 107–111
migrants and, 35–36
  (see also Taxes)
Gokhale, Jagadeesh, 2
Government
  budget constraints and, 42, 93–94, 97–98
capital-income tax and, 61–73
capital-mobility model and, 89–106
equities and, 116n1
fiscal deficit ceilings and, 2, 58–60
open economies and, 76–77
overlapping-generations model and, 11–19
pensions and, 47–51
public assistance and, 2–3, 10
public debt and, 2
size of, 77
social security and, 47–60
spending and, 2, 47–60, 77
Greenspan Committee, 4
Griffith, Rachel, 108
Gross Domestic Product (GDP), 1, 26, 76
coefficient analysis and, 81–82
global data on, 77–83
migrants and, 31–34
OECD data and, 27–28, 78
skewedness-of-income distribution and, 77
Gross National Product (GNP), 2
Gross stock, 76, 108
Hall, Robert E., 109
Hille, Hubertus, 2
Hines, James, 107
Household income, 84
Immigration. See Migrants
Income
  after-tax lifetime, 15, 17
disposable, 40
distribution curves for, 40
entrepreneurial, 84
foreign, 102–104
household, 84
migrants and, 30–36
overlapping-generations model and, 12–19, 52–56
property and entrepreneurial, 84–85
redistribution of, 9–10
skewedness and, 29–30, 77, 82
social security and, 4–5
Income (cont.)
voter effects and, 26
wage gap and, 10–19, 24–26
Indirect-utility function, 65, 99
Individual Retirement Accounts (IRAs), 47–51
Industrial countries
capital-mobility model and, 89–106
GDP data and, 76 (see also Gross Domestic Product [GDP])
global tax data and, 77–83
government size and, 77
pension systems and, 4
Innate ability parameter, 11, 90
Interaction term, 29
Investment, 114n2, 116n1. See also Taxes
capital-mobility model and, 95–97
depreciation and, 41–42
foreign direct, 108
global tax data and, 77–83, 107–111
gross stock and, 76
international portfolio, 76
regression analysis and, 77–83
share coefficient and, 81
Ireland, 109–110
Italy, 2, 109–110
aging and, 1, 47–48

Jorgenson, Dale W., 109
Klemm, Alexander, 108
Krugman, Paul, 48

Labor, 119n3
benefit costs and, 1, 4
capital-mobility model and, 90
education and, 12
efficiency and, 12
global tax analysis and, 77–83
innate ability parameter and, 11, 90
migrants and, 2, 39–46
overlapping-generations model and, 11–19, 52–56
production function and, 40–41
retirement age and, 4

skills and, 2–3, 30–36 (see also Skills)
social security and, 51–56 (see also Social security)
supply function and, 13, 41–42, 52–53
taxes and, 83–84 (see also Taxes)
unemployment and, 32–33
voter effects and, 26
wage gap and, 24–26
Laffer curve, 57
Lane, Philip, 78
Lassen, David D., 108
Lee, Jong-Wha, 27
Luxembourg, 109–110

Mankiw, Greg, 116n1
Markets, 49–50
capital-mobility model and, 89–106
clearance and, 98, 100
EU effects and, 108–111
policy tools and, 97–102
stock market, 78
Medical care, 2, 12
Meltzer, Alan H., 23–24, 26–27, 77, 83
Mendoza, Enrique, 27, 77
Migrants
barriers to, 42
burden of, 2
cutoff ability level and, 40
dependency ratio and, 31–34
education and, 33, 35
growth effects of, 30–35
public assistance and, 2–3, 10
skills and, 2–3, 10, 30–36, 39–46
taxes and, 10, 30–36
transfer effects and, 34–35
unemployment and, 32–33
voter effects and, 30–31
young people and, 47
Milesi-Ferretti, Gian Maria, 27, 77–78
Mirrlees, James A., 11
Mitchell, Olivia S., 5
Models
aging, 19–24
capital-mobility, 89–102
Index

game theory, 117n4
migration, 40–45
overlapping-generations, 11–19, 51–56, 61–73 (see also Overlapping-generations model)

National health care, 12
Netherlands, 109–110

Obstfeld, Maurice, 113n5
Offshore tax havens, 102–104
Operating surplus of private unincorporated enterprises (OSPUE), 84–85
Ordinary-least-squares (OLS) regression, 28–29, 81–82, 107
Organization for Economic Cooperation and Development (OECD), 1
Analytical Database and, 27–28, 78 labor tax and, 84
Overlapping-generations model, 76 aging and, 70–73
cut-off levels and, 62 education and, 12, 14–17, 54–55
endogenous capital-income tax and, 66–70
equations for, 12–19
exogenous capital-income tax and, 62–66
flat tax and, 11–19
population growth and, 13
social security and, 14, 51–56
voting effects and, 16–18, 55–56

Pay-as-you-go systems, 1 aging and, 56–57 (see also Aging)
budget deficit and, 117n5
capital-income tax and, 61–73
Dow Jones Industrial Average and, 117n1
downscaling and, 48–51
fiscal deficit ceilings and, 58–60
lifetime welfare and, 115n9
overlapping-generations model and, 52–56
Pension systems, 1, 4, 113–114n7, 117–118n1. See also Social security
Europe and, 47–51
IRAs and, 47–51
overlapping-generations model and, 52–56
Persson, Torsten, 26, 77
Policy
budget constraints and, 97–102
capital-mobility model and, 97–102, 119n5
efficiency and, 90
equilibrium and, 11–19, 99–102
tax transfer, 11–19, 99–102
Political economy
aging model and, 21–24
capital-mobility model and, 99–102
equilibrium and, 11–19, 99–102
migrants and, 30–36
open economies and, 76–77
pensions and, 47–51
skewedness-of-income distribution and, 29–30, 77
social security and, 51–56, 113–114n7
taxes and, 2–3, 26–30, 61–73 (see also Taxes)
voting effects and, 16–18, 21–24, 26 (see also Voting effects)
Population growth, 48 aging and, 20
capital-income tax and, 63, 69–70
fertility rates and, 9, 47, 53–54, 56, 113–114n7
overlapping-generations model and, 13, 53–54
Portugal, 109–110
Productivity, 52. See also Labor
capital-mobility model and, 95–97
equations for, 41
overlapping-generations model and, 11–19, 52–56
production function and, 40–41
wage gap and, 24–26
Index

Property and entrepreneurial income (PEI), 84–85
Public debt, 2

Razin, Assaf, 11, 27, 77
Regression analysis, 28–29
OLS and, 28–29, 81–82, 107
tax data and, 77–83
3SLS, 81–82, 107
2SLS, 81–82, 107
Retirement age, 4
Revenue. See Taxes
Richard, Scott F., 23–24, 26–27, 77, 83
Rodrik, Dani, 27, 29, 76, 83, 117n2

Sadka, Efraim, 11
Sahasakul, C., 84
Saint-Paul, Gilles, 11
Sand, Edith, 115n7
Sinn, Hans-Werner, viii, 113n6
Skewedness, 29–30, 77, 82
Skills, 2–3, 10, 21, 51
cutoff ability level, 40
innate ability parameter and, 11
migrants and, 30–36, 39–46
overlapping-generations model and, 11–19, 52–56
wage gap and, 24–26
Smetters, Kent, 2
Smith, James, P., 2
Social insurance, 31
Social security, 2, 4–5, 84, 113–114n7, 115n6
aging and, 56–57
fiscal deficit ceilings and, 58–60
IRAs and, 47–51
overlapping-generations model and, 14
political economy design for, 51–56
Sorensen, Peter Birch, 107–108
Spain, 1, 78, 109–110
Spending
deficit and, 2, 58–60
government size and, 77
public debt and, 2
social security and, 47–60
Squire, Lyn, 27, 78
Stock market, 78
Straubhaar, Thomas, 2
Swagel, Phillip, vii
Sweden, 78, 109–110

Tabellini, Guido, 26–27, 32–33, 50–51, 77
Taxes, 2
aging and, 10, 19–24
benefits and, 26–30
capital-income, 3, 61–73, 77–85, 107–111
capital-mobility model and, 89–106
competition over, 102–104
corporate income, 107–111
downward convergence and, 107–111
effective labor, 83–84
effective rates and, 109
equilibrium and, 11–19
flat rate, 11–19, 42
global data on, 77–83
globalization and, 3–4, 35–36
international competition and, 89–106
migrants and, 10, 30–36
offshore havens for, 102–104
overlapping-generations model and, 11–19
regression analysis and, 77–83
skewedness-of-income distribution and, 29–30, 77
social security, 4–5, 47–60 (see also Social security)
statutory rates and, 109
transfer policy and, 11–19, 99–102
unemployment and, 32–33
user-cost-of-capital approach and, 109
Taylor, Alan M., 113n5
Tesar, Linda, 27, 77
Thode, Eric, 4
Three-stage least squares (3SLS) method, 81–82, 107
Transfers, 114n3
  capital-income tax and, 61–73
  capital-mobility model and, 90–94, 97–98
  fiscal deficit ceilings and, 58–60
  policy for, 11–19, 99–102
  social security and, 47–60
  tax equilibrium and, 99–102
Two-stage least squares (2SLS) method, 81–82, 107

Unemployment, 32–33
United Kingdom, 78, 109–110
United States, 3
deficit and, 2
fertility rates and, 113–114n7
GNP of, 2
migrants and, 10
public debt and, 2
retirement age and, 4
U.S. Census Bureau, 1
User-cost-of-capital approach, 109
U.S. National Research Council, 2
Utility function, 65, 67–68

Voting effects, 36, 117n1, 117–118n5
  aging model and, 21–24
  capital-mobility model and, 99
  migrants and, 30–31
  overlapping-generations model and,
    16–18, 55–56
  wage gap and, 26
  young people and, 55–56

Wacziarg, Romain, 77, 83
Wage gap, 10
dependency ratio and, 26–30
empirical evidence for, 26–30
equilibrium and, 24–26
overlapping-generations model and,
  11–19
Walras’s law, 98, 104–106
Welfare state
  aging and, 21–24, 75–85
  boosting of, 2–3