INDEX

Abusive activities, 7
Accounting fraud, 103, 107, 117
Accounting profession, in China, 104
Administrative burdens of proof, 7
Administrative orders, 4, 6
After-adjustment asset value, 83
Agency-enforced balance-sheet restrictions, 4
Allocation efficiency (AE), 177
Alternative capital standards, 90–91
Alternative debt structures, 97*n*10
American International Group (AIG), 3
  bailout of, 12
  insolvency, roots of, 7–10
  profit and loss, 9
  subject to systemic-risk regulation, 7
ARIMA process, 48–49
AR Test, 161–162
ASEAN + 2, 191, 193–194
ASEAN + 3, 192
Asia and Pacific region, IMF report on economic growth, 190
Asian financial crisis, 36
Asian markets, 41–42, 68–69
Asset dynamics, 80–81
Asset-liability (A/D) ratio, 85
Asset-liability structure, 85
Asset return, volatility of, 86
Asset value adjustment mechanism, 84
Asset value of bank
  risk components, 80
  risk-neutralized, 81
Audit market in China
  average market share, 102
  empirical results
    audit fees of auditors, 113
    market share of big4 *vs*. non-big4, 111–112
  financial independence, 103
  government intervention impact on
    audit fees, 106
    audit market structure, 105–106
    incidence of accounting fraud, 107
  institutional background, 104–105
  logistic regression
    results, 116–118
    testing, 103
  methodology to assess impact on audit fees, 108–109
  oligopolistic structure, 102
  quality of, 103
  regression results, 115–116
  sample selection and matching criteria, 107–108
  sensitivity analysis, 113–114
  services, 102
Auditors in China
  audit fees of, 113
  classification of, 102

Balance sheet, 2, 12, 34
  incremental, 13
  risk, 79
Banking system of China, 28

Banks
asset value, 84–85
capital regulation, 82–83
credit allocation, 36
failure resolutions, 83
loan, 37
excess demand for, 36
market, 29–33
see also Commercial loan market
long-term subdebt, 83
return rates, 28
risk-taking behavior, 84–85, 96
subordinated debt, 78
Basel Capital Accord, 78, 83, 85
Basel Committee on Banking Supervision
2003, 78, 83
2004, 96*n*1
Basel III, 16
Baseline (static) model, 154–155
BCC model, 177
Binary choice model, 131
Binary probit estimation of employment probability
for foreign spouses, 137–138
for native and foreign spouses, 139
Blinder—Oaxaca decomposition approach, 131
Bond insurance contract, 8
Bond prices
for alternative capital standards, 90
for alternative conditions, 92
impact on housing prices, 191–195, 198–199
Bonds domestic credit, 194
Brazil, Russia, India, China, and South Africa (BRICS) countries, 41–42, 64, 66, 68–69, 175
Broadband network, 178–179
Brokers, self protection by, 14
Brownian diffusion, 23
Business-conduct rules, 6
Capital, 6
accumulation, 40
adequacy, 60
asset pricing, 31
market rate, 34
positions, 97*n*10
standards, 79, 83–84
Capital forbearance, 84–85
bond prices for alternative capital standards without, 90
subdebt prices, 89
Cash-market portfolio, 13
CCR model, 177
Central clearing party (CCP), expansion in role of, 14
Chartering, 6
Chicago Board Options Exchange (CBOE), 52
China Securities Regulatory Commission (CSRC), 104, 107–108
Chinese Institute of Certified Public Accountants (CPA), 104
Cobb-Douglas specification, 154
Collateral restriction, 6
Commercial loan market, 29
MLE of, 35
Taiwan, price adjustment process in, 33–36
Commercial loans, 28
Commodities Futures Trading Commission (CFTC), 14
Constant relative rate of risk aversion (CRRA), 19–20
Consumption growth process, 19–20
Continuous-time asset pricing model, 20
Contract(s), 16*n*3
between counterparties, 12
insurance and reinsurance, 3–4
nonperformance, risk of, 7
performance, 14
Contract-based national regulatory cultures, 2

Conventional asset pricing model, 20–23
Conventional infinite-horizon model, 20
Corporate social responsibility (CSR)., 176
Counterparty risk, 13
Credit crunch, 36
  in banking industry, 29
  definition of, 28
Credit default swaps (CDS), 8
Credit demand and supply, 28
Credit rationing theory, 28–29
Credit risk, 80
Crisis management, 7
Cross-border
  agreements, 2
  marriages, 122
Cross-guarantees, 8
Cultural assimilation, 123
Culture, definition of, 5
Customers protection, against loss, 4

Data envelopment analysis (DEA), 174–177, 186
  input and output variables
    definition of, 174
    selection and correlation of, 178–179
Da Xin audit firm, 102
Debt
  returns, 19
  structure, 85, 93–95
Decomposition analysis of employment probability, 146–147
Deeply insolvent firm, 7
Default risk, 25
Delinquent borrowers, mistreatment of, 7
Deposit dynamics, 81–82
Deposit growth rate, 93–95
Difficult-to-unwind (DTU) firm, 15
  systemic risk, 2
  taxpayer an equity investor, 2
Digital TV, 178–179
Disciplinary actions
Disclosure, 6, 104, 114, 178
Disequilibrium
  of credit demand, 28
  in credit market, types of, 28
  model of bank loan market, 29–33
  outcomes, 28
Dividends, 82–84
DMUs of Company, in Taiwan
  before and after consolidation, 186
  first phase of consolidation, operational efficiency analysis
    in 2006 and 2007, 179–180
    in 2006 and 2007~2010, 181
  input and output variables, definition of, 178
  research subjects and data resource, 177–178
  second phase of consolidation, operational efficiency analysis
    in 2007~2010 and 2011, 184–186
    in 2010 and 2011, 181–183
Dodd-Frank Act (DFA) of 2010, 8, 14–15
  Financial Stability Oversight Council (FSOC)
    characteristics of, 16
    powers of, 10
  purpose of, 2
  toolkits and language of swaps regulation, 13–14
Due-diligence expense, 13
Dynamic equity, 194
Dynamic model, 156–159

Economic development (ED), 160
Economic growth process in urban sector, 158

Economy of China
as dual economy, 152, 154
economic reform policies, 152
Education capital, investment rates of, 158–159
Education investment inequality, 154, 160–164, 166, 170–171
Emergency Economic Stabilization Act, 10
Emerging markets, 41
Employment assimilation, 123
Employment probability in Taiwan, 133
decomposition analysis of, 146–147
foreign spouses, 137–138
of immigrants and native-born workers, 131
native and Chinese spouses, 144
native and foreign spouses, 139, 142
native and Southeast Asian spouses, 143
Southeast Asian and Chinese spouses, 140–141
Equity, 19
financing, 41
premium on claims on future deposits, 25
price, impact on housing prices, 191–195, 198–199
strips, 24
European debt crisis in 2010, 29
European sovereign risk (2009–2011) crisis, 60
Eurozone banking sector, 29
Exogenous variables, 191

Fail-safe structure, 14
Federal banking, 7
Federal Insurance Office (FIO), 10–11
Federal Reserve, 3
Female immigrants
arrival age, women working by, 127–128
conceptual framework and empirical specifications, 129–133
employment assimilation of, 123
Financial institutions
bailouts, 6–7
regulation of, 4
Financial market
deregulation of, 28
liberalization in, 28
variables, 191, 193
Financial products, protection for customers, 4
Financial regulation
imbedded in bureaucratic machinery, 6
over-riding task of, 5
Financial regulators, prudential regulation imposition on, 6
Financial Stability Oversight Council (FSOC), 5
Financial transactions, 5
Fiscal expenditure (FE), 160–161
Foreign spouses in Taiwan
employment status of, 126
characteristics and country of origin, 130
decomposition analysis of employment probability, 146–147
foreign spouses and native women, comparison between, 145–146
SEA and MCH spouses, comparison between, 133–145
female spouses from Southeast Asia and China, 122–123
Foreign trade (FT), 160
FTSE 100 index, 55

GDP, 40–41
Global financial crisis in 2008, 28–29, 37
Global imbalance, 28
GMM method, 191, 193–195, 198
Gold price, impact on housing prices, 191–195, 198–199
Government-chartered financial intermediary, 13
Government institutions, 4
Granger causality test, 63–64, 69
  between stock returns and IPG, 65–66
  between stock return volatility and IPG, 67–68
Guo Fu Hao Hua audit firm, 102

Health capital, investment rates of, 158–159
Health investment inequality, 154, 160, 164, 170–171
Housing industry in Asia-Pacific region
  asset market indicators, effects of, 192–193
  current account surplus (or deficit) and, relationship between, 192
  housing prices and bank loans, interrelationship in Hong Kong, 191–192
  influenced by taxation and land use regulations, 190
  macroeconomic variables, impact of, 191
  monetary authority arrangement, 190
  portfolio diversification during economic crisis, 192–193
  rise in prices, 190
    equity prices, 195, 199
    gold price influence on, 195, 198
  role played by, 192
  vs developed economies, 190
Housing prices model, 194
Human capital investment in China, 170
  components of, 153, 155
    equilibrium analysis, 157–159
  cross-country analysis, 153
  depreciation rates of, 157–158
  different stages, 167–170
  empirical implementation
    econometric model, 160
  equilibrium analysis of, 156–159
  functions of, 155
  investment rates of, 157
  trends of, 167
  urban-rural income gap, impact on, 152
Human capital theory, 129

Immigrants
  earnings of workers, 122
  integration in US and UK, 122
  labor force participation rate of, 123
  labor market performance, 122
Immigrants in Taiwan
  employment status of marriage, 123–129
  foreign spouses
    reasons for marriage, 122
  through marriage, 122
Impulse response function, 196
Incentive conflict, 3
Industrial production growth (IPG), 52
  for Asian markets, 48
  for BRICS markets, 47
  downside risk in examination of, 60
  in emerging markets, 43–45
  estimation of

predicted by stock market growth and VIX, 58–59
predicted by stock returns and VaR, 61–62
predicted by stock returns and VIX, 56–57
feedback to stock market, 63–66
highest during recession period, 63
robustness test of stock market value growth, 53–54
for Scandinavia markets, 46
time series model on, estimation of, 51
Input variables
definition of, 178
selection and correlation of, 178–179
Instantaneous interest rate, 80
Insurance products, regulation of, 10–12
Interest rates, 80, 82, 85
dynamics of, 81
impact of rise in, 28
initial spot, 87
term structure of, 97*n*10
Intertemporal budget, 25
Intragovernmental checks and balances, 7
Investors, 26*n*5, 60

Japanese Nikkei index, 69*n*6
Japan Railway Company, privatization of, 175
Japan stock market
integration of, 193
long-run depression in, 49
Jing Du Tian Hua audit firm, 102
Joint-audit, 105
Jurisdictional migration, 5

Labor market assimilation hypothesis, 122, 131
Licensing, 6
Liquidity requirements, 6
Li Xin audit firm, 102
Li Xin Da Hua audit firm, 102
Loan market
disequilibrium model of, 29–33
MLE of Commercial, 35
supply and demand of, 28
Lobbying activity, 5
Local big auditors, in China, 102–105
Local small (remained) auditors, in China, 102

Mainland China (MCH) spouses, 133–147
Margin restriction, 6
Market discipline, 78
in subdebt market, 79
Market return, 41–42
Market value, 21, 25, 41–42, 52, 55, 63
Maturities of subdebt, 85
Maturity-specific equity premium model, 24–25, 26*n*4
Maximum likelihood estimator (MLE), 32–33
of commercial loan market, 35
McCarran-Ferguson Act of 1945, 10
Mehra and Prescott model equity, 21, 23
Migration capital, investment rates of, 158–159
Migration investment inequality, 153–155, 160, 162, 170–171
Ministry of Finance (MOF), China, 102, 104–105, 110
Mobile phone industry in Taiwan, liberated in 1997, 174
Monte Carlo method, 85
Moral hazard, 84–85, 90
MRW Model, 154
Multi-period subdebt, 83–85

National Association of Insurance Commissioners (NAIC)
accreditation process, 12
characteristics of, 11
commissioner-members, 12
developed and promulgated new standards, 12
establishment of, 11
federal officials influence on decision making of, 11
goals of, 11
National regulatory systems, 2
Native-born working-age population, 122
Native women in Taiwan, 145–146
Near-bank-run event, 36
Negotiating, 13
Net growth rate of deposits, 85
Nonagricultural development (NAD), 160
Non-State Owned Enterprises (NSOEs), 103
Notional principal amount, 13

Office of Financial Research (OFR)
focus on systemic risk detection, 3
task of, 3
Office of Thrift Supervision (OTS), 3, 8, 10
One-party government, 6
One-period subdebt, 82–83
On-site examinations, 4
Ordinary least square (OLS) regression, 108
Organizational consolidation, 176, 186
Out-of-sample forecasting ability, 63
Output variables
definition of, 178
selection and correlation of, 178–179

Partial adjustment models, 29
Payoffs of subdebt at maturity, 83
Performance risk, 5
Physical capital
depreciation rates of, 157
investment rates of, 157
Postcontract enforcement, 13
Precontract shopping, 13
Predatory lending, 7
Private watchdogs, 4–5
Probability of default (PD), 78
Probit decomposition of employment probability, 148
native and Chinese spouses, 144
native and foreign spouses, 142
native and Southeast Asian spouses, 143
Southeast Asian and Chinese spouses, 140–141
Probit model, 131–132
Prompt Correction Action (PCA), 78, 83–84, 87–90, 96
Protection selling, 4–5
Prudential Insurance, 7
Prudent savers, 13
Pure rate of time preference, 20
Pure technical efficiency (PTE), 174, 177, 181

Registration procedures, 6
Regulatory
compliance, 6
languages, 4
machinery, 5–7
norms, 5–7
toolkits, 6
tools, 6
Regulatory culture, concept of, 4–5
characteristics of, 5
components of, 6
definition of, 5
Relative rate of risk aversion, 20, 22
Reorganization, 83–84
for business managers, 174

and privatization, correlation between, 175
Representative agent, 20
Risk-adjusted assets, 84
Risk-averse behavior, 60
Risk aversion, 20
Risk-free real interest rate, 21
Risk management, 7
Risk-neutralization, 81
Risk-neutral pricing, 81
Risk-return choice, 40
Risk-spread relation, 96
Risk-weighted assets (RWA), 78
RMB business, 28
Robustness test, of stock market value growth on IPG, 53–54
Root mean square errors (RMSE), 63

Safety-net
abuse, 15
guarantees, 15
subsidies, 3–4
Sargan Test, 161, 194
Saving glut, 28, 37
Scale efficiency (SE), 174, 177
Securities execution facilities (SEFs), 14
Senior creditors, 78
Sinofin Economic and Financial Databases, 108
Small-and medium-sized enterprises (SMEs), 29
Social norms, agency disciplinary tactics, 7
Solow model, 154
Southeast (SEA) spouses, 133–147
State-Owned Enterprises (SOEs), 103, 105
Stock market(s)
capitalization ratio, 69*n*3
channeling savings into investments, 40
comovement behavior of, 69*n*5
flows of fund mechanisms, 40
global financial crisis 2008-09 impact on, 45–46
IPG feedback to, 63–66
negative effect of, 52–55
partially integrated in China, 193
performance, 40
data description, 42
in emerging markets, 41
empirical evidence, 49–52
projections based on market functions, 40
robustness test of, 53–54
value of trading, 40
variable, 41
volatility of, 40–41
in German market, 55
impact on advanced markets, 55
Stock returns, 41
calculation of, 42
in emerging markets, statistics of, 42–44
estimation of, 51
Granger causality test, 65–66
volatility, 63
Stocks prices indices
for Asian markets, 48
for BRICS markets, 47
for G6 markets, 45
for Scandinavia markets, 46
Stress tests, 6
Subdebt / Subdebt holders
CDS spreads on, 78
deposit insurance subsidy, reduction in, 79
disciplining role of, 79
issuance, 78
junior status of, 78
mandatory issuance, 78
model for pricing
asset dynamics, 80–81
deposit dynamics, 81–82

numerical analysis, parameter values, 85–87
prices under, 87–90
forbearance, 90–93
PCA, 87–90
pricing
multi-period subdebt, 83–85
one-period subdebt, 82–83
proponents of, 78
rise of bank risk, 78
supplementary information to supervisors, 78
zero-coupon bonds, 80
Subdebt-to-equity ratio, 95
Subordinated
debentures, 78
holders, 78
Supervisory Capital Assessment Program, 78
Survey of Foreign and Mainland Spouses' Life Status (2003), 122–123, 131, 147
SVAR model, 193–195, 198–199
Swap(s), 7
agreement, 12
arranged with third-party dealer or market-maker, 13
contracts, 2, 4, 13
definition of, 12–13
exchange cash flows between parties, 12
financially engineered substitutes, 13
regulation of, 12–14
Swap data repositories (SDRs), 14
Symmetric market risk, 60
System generalized methods of moments (System GMM) method, 161–162, 164, 167
Systemically important financial institutions (SIFIs), 16
Systemic-risk
efforts to control, 15–16
regulation, 7
regulators, 4

Taiwan
credit market, 29
facing risk of China banking system, 28
price adjustment process in commercial loan market, 33–36
Taiwan Economic Journal (TEJ) database, 108
Taiwan Strait tension in 1996, 36
Technical efficiency (TE), 174, 177, 181
Telecommunication business / companies, 174
operational efficiencies / performance, 175–176
production efficiency of, 175–176
Tenor, definition of, 12
Theft by safety net, 15
Tian Jian audit firm, 102
TIM mobile company, 175
Traditional family labor supply model, 129, 148*n*2
Transactions costs, types of, 13
Transactions to market valuation (TRMV), 69*n*3
Two-stage least squares (2SLS) method, 32, 36–37

Uncertain mean growth rate, 23–24
Urbanization (UR), 160–161
Urban-rural human capital accumulation gap, 152
Urban-rural income gap in China, 155, 171
absolute convergence, 152
descriptive statistics of variables, 162
dynamic panel data model, estimation of, 160
educational difference affecting, 153
empirical model, 160

empirical results
in different periods, 166–170
at national level, 161–164
at regional level, 164–166
equilibrium
analysis of, 156–159
wages, 159
human capital investment role in, 152–154
immigration of rural labor force, 153
migration investment, increase in, 162
regression results at national level, 163
rural human capital spillover, widening of, 153
variables and data, measurement of, 160–161
Urban-rural resource allocation, 153
US bank regulation, principal tools of, 4
U-shape hypothesis, 152
U.S. subprime crisis (2007_2009), 60
U.S. telecommunications companies, CSR implementation in, 176

Value-at-risk (VaR), 60, 69
Variance decomposition (VDC), 195, 197–199
VIVO, 175

Wealth-management services, 4
Wiener process, 81
Women's Marriage, Fertility and Employment Survey (2003), 123, 131, 147
WTO, 105

Xin Yong Zhong He audit firm, 102

YSM variable, 144–145

Zero-coupon bonds, 80
Zhong Rui Yue Hua audit firm, 102