Index

absolute transaction costs 91
ADF test result 95
adulteration, incidents of, Chinese food 73
Advanced Mobile Phone Service (AMPS), 1990 217
age rates on export quantity 189
aging population in China 70
agribusiness companies 60–61
agricultural activities in Asia, working population 69
Agricultural and Processed Food Products
   Export Development Authority (APEDA) India 204
agricultural products
   export to Japan, United States 75
   India, major producer 73
   agricultural sector 60
   importance for Asian countries 69
   agricultural sector of EU countries (2010) 12.2 million farms 67
   Chinese investment in 148
agriculture, importance of, in Asia
   food security, employment 69
agriculture in India 204
agro-processing industry 205
air pollution in major cities, China 162
All India Food Processors’ Association (AIFPA)
   statistics and reports 207
American company, Qualcomm 218
Android’s operating system as user interface 226–7
animal feeds 68
Apple, US technology company
   personal media player (PMP) 224
ASEAN 3
   displacement effects on exports 179
   Economic Community (AEC) 4
exporter, four member states 184
Intergovernmental Commission on Human Rights 4
Plan of Action for Energy Cooperation (APAEC) 4
Political Security Community (APSC) 4
Social Cultural Community (ASCC) 4
ASEAN’s perspective 173–96
Asia food industry 9
undernourishment 59
Asia-Europe land bridge
   component of BRI 6
   objective to connect China with West
   European capitals 6
Asian continent, diversity of 70
Asian countries
   catch-up strategy 18
   food supply chain 59–81
Asian Development Bank (ADB)
   (2013) 18
   agricultural sector 69
   on poverty reduction issues 8
   restrictions to 7
   two faces of food security 80
Asian economies, emerging
   MNC strategies 15–29
Asian firms
   geographic proximity to China 130
   theory of, network relationships 21
   traditional market-seeking and cost-seeking 130
Asian Infrastructure Investment Bank (AIIB) 7, 8
China 5
European countries, joining 7
Asian MNCs
   market- and cost-seeking strategies 133
Emerging Asian economies and MNCs strategies

Asian R&D locations
nested logit model estimation results
Model 1 and 2 128
Asian regional integration, institutional mechanisms 3
Asia Pacific Economic Cooperation (APEC) 2
asset-seeking behaviour
investment for purpose of learning 20
Associated British Food (ABF)
multinational food processing and retail, London 63
Association of Southeast Asian Nations (ASEAN)
importance of EU for their exports 1, 173
Australia
environmental and labour protection concerns 4
automobiles, Korea investment in China 51

bakery and farinaceous products 68
basic salary for expatriates from China 163
beverages 68
bilateral trade, decline and flows rising importance of Korea 40–49
birth rates, falling, in China 70
BlackBerry phone
QWERTY keyboard for thumbs 224
Research in Motion (RIM) Canada 224, 2226
Body Mass Index (BMI) 81
BRICs (Brazil, Russia, India, China and South Africa) 15
BRI fund, One Belt, One Road 7
broadband mobile service, Korea 221
broad economic categories (BEC)
export goods 45
building infrastructure over maritime route, China 7

Canning Industries – Cochin (CAICO) 1947
Kerala, South India, management of 208
causality among transaction costs, economic growth and foreign trade 97
Central Food Research and Technology Institute (CFTRI)
Mysore 209
Central Institute for Food Processing
Lucknow 209
chemicals, general machinery, Sino-Korean industry 47
China
bias in favor of Korea 39
dependency on foreign trade, rapid increase 87
difference in culture and values from western countries 158–9
discrimination against consumption goods importing 53
equal standings with United States 5
‘go global strategy’ 22
true motivations, 28, 111
import bias 40
imports by country of origin 39, 47
imports from Japan by category 42, 44
imports from Korea 37, 38–40
imports from South Korea by category 42, 43
initiative, 2014, APEC leaders’ summit, Beijing 5
intra-East Asian trade expansion 36
market 72
not most technically advanced industrial power in Asia 1
one child policy 2
priority to land-based security 6
relation to macroscopic transaction costs 9
role in physical infrastructure 5–8
second largest economy in world 70, 159
China-Africa connection 25
China, aggressive marketing
fresh fruit and dry goods, to Philippines 76
China and India
FDI outflows, magnitude and growth 27–8
China-ASEAN summit, proposal of priority areas 6
China, economic growth and trade structure
transaction costs 87–104
China Enterprise Confederation (CEC) 167
China Global Investment Tracker (CGIT) 143
China Investment Corporation (CIC) stake in French Gaz de France 146
China–Korea FTA, bilateral trade 55
China National Offshore Oil Company (CNOOC) 145
China’s Premier, Li Keqiang
use of pressure from outside agreements 2
Chinese and Indian firms asset-seeking behaviour 28
Chinese currency internationalization, RMB 2
Chinese direct investment stock in Europe 142–9, 147
Chinese FDIs in EU offshore financial centers 151
Chinese firms, cash-rich and EU economy 139
Chinese food industry changes 2011–2012 73
Chinese global multinational corporation (MNC) 140–42
‘going global strategy’ 16, 139–40
Chinese, Indian, Asian nationalities, living abroad 27
Chinese investors, in EU distressed periphery 150–2
Chinese investor type, mode of entry to EU 144–5
Chinese involvement in Africa, resource seeking 20
Chinese leaders
their country’s credentials as global economic power 7
Chinese MNCs
discouragement for families settling abroad 165
expatriation policies 10, 166
need for support in international assignments 163
Chinese national initiatives, community-wide 4

Chinese ODI 21
in business services and real estate 151–2
in EU, opportunistic 145, 146–9, 151–2
sub-Saharan African countries 25
UK main recipient, 2015 151–2
Chinese outward direct investment to European Union 139–52
Chinese policy, Go-West Policy 7
Chinese sampled MNCs interviewed in 2014, 2015 161
Chinese state-owned enterprises (SOEs) 22, 145
Chinese state-owned MNCs, expatriation management 159
Chinese threat to US supremacy in Asia-Pacific 6
Chinese ‘use’ of advanced countries on technology 24
Chinese companies, international 155
classification of the tertiary industry 91
climate change impact, land losses 80
rice and wheat 69
Coca-Cola Company, Atlanta (Georgia) 63
Code Division Multiple Access (CDMA) 218–22, 228-9
colocation 108, 110–11, 119
commodity-type products
frozen meat, poultry meat, fish, fresh fruit 72
Common Agricultural Policy (CAP) 67
common currency 2
communication equipment devices
export risk for Korea 53
comparison of the statistical caliber (selected years) 92
compensation principles for expatriates 163
competition of intermediate goods’ exports
Japan’s and Korean diverging paths 43–5
compliance to regional directives at national level 8
Comprehensive Partnership for East Asia (CEPEA) 3
computer hardware and technology exports Korea 53
Emerging Asian economies and MNCs strategies

cross-country differences in R&D co-location strategies across Chinese cities 131
cultural distance (antagonism) explaining the FDI 28
impediment to foreign investment 109
currency of China, Renminbi (RMB) 87-8
customer and supplier relationships, India 212–13
customers, active in business environment 212
dairy products 68
data description 183–4
data for China’s trade and transaction costs (100 million Yuan) 93
data service functions, Korea 221
decision-making processes 121, 124, 129
demand function 180–81
demographic trends, contrasting 2
Deng Xiaoping’s reforms 140
derivation of displacement effect 182–3
diabetes capital of world, India 207
diaspora role, form of social capital 27–8
digital switching system (TDX) 218
direct investment strategies by MNEs resource, market, asset, and efficiency seeking 20
direct investment 15, 17, 25–6, 139
displacement effect 173–4, 185, 195
facing ASEAN countries 196
Malaya, Philippines, 193–194
US exports from ASEAN 178
displacement effects on exports 173
exports from ASEAN to US market 183
exports, China and ASEAN 176–8
grid equation 177–8
domestic telecommunications in Korea, 217–18
East Asia Free Trade Agreement (EAFTA) 3
East-Asian investors into China 49
‘East-West’ gap in China 133
economic growth in GDP 92
economic integration demands 236
efficiency-seeking strategy 20
Electronic and Telecommunications Research Institute (ETRI) Korea 218
electronic communications in Chengdu (west region) China 132–3
electronic-communications industry
US R&D affiliates 112
electronic goods, high-end, China 2
electronics, Korea investment in China 51
electronics in Korea 53–5
empirical results of demand equations 186–7,188
energy conservation 132
energy sources in China, diversification 141
entrepreneurship development, India 203
‘Canning Industries – Cochin’ (CAICO) 200
error correction coefficients 102
estimation results 185–95
euro crisis 139–52
opportunity for Chinese ODI 149–50
Euromonitor International on China’s population 70
Euromonitor International (2013b) ageing population in Japan 74
Euromonitor International (2014c) 75
European affiliates

electronic communications, chemicals, electrical machinery, pharmaceuticals 112
European and offshore R&D, affiliates in China 111
internal linkages 129–30
European firms, home country distribution 111
European R&D firms, internal linkage preference 133
European Telecommunications Standards Institute (ETSI) 218–19
European Union (EU) 67–8
and advocates 2
Chinese ODI in 144–9
countries, top investment preferences for China, Germany, France, UK, Sweden 148
financial stress since 2008 139
importer, seven member states 184
exchange rate statistics
member states of ASEAN and US 184
expatriation 157–8
management of Chinese MNCs 160
policies of Chinese emerging MNCs 155–67
selection of candidates 164
export competition
ASEAN and US and EU market 10, 178
export of subcomponents, China 2
export structures, classified by industry, average value during 2003–2013 175
export variable, ASEAN countries and US 178
factors affecting innovation performance in SMEs 211
family issues, expatriation failure 158, 165
farming sector of EU 67
FDI flows by major region 2012–14, 28, 34–35, 49
fertilizers, pesticides, bad for water resources 79
financial implications of ODI 26
financial resources, availability problem for SMEs 211
firms, specific types in Asia 22
fish products 68

Five Year Plan (FYP) 2001–2005, China 141
Flying Geese Model (FGM), 1930s, Japan 18
Japan, ‘lead goose’ 18
food consumption in China and India 72–3
exporting from India 73
importing country, Korea 77
needs and diets, factors 60
food and beverage (F & B) industry 62
food and drink industry 67, 68
food needs in Singapore
local and foreign population 77
food processing 60, 62
importance of industry in India 200, 204–7, 213
in Japan 75
work force, majority women 62
in Thailand 78
food processing SMEs in Kerala, South India
content analysis of websites 207
food products, various 68
food quantity
Food and Agriculture Organization (FAO) 61
food safety
Asian countries and food supply chain 59–81, 162
food sector in selected Asian countries 70–79
foreign direct investment (FDI) 2, 15, 50
China 140
emerging countries 27–8
‘factor driven’, investment driven, innovation driven 19
firm and network approach 21–3
negative impact 26–7
role of motives for 20–21
foreign labour in Singapore 236
foreign laws and practices 164
foreign ownership of land
restrictions to, Thailand, Cambodia, Vietnam, Philippines 8–9
forestry and fisheries in India 204
forests, necessity to preserve 80
fossil fuels, metal assets, in EU 148
Emerging Asian economies and MNCs strategies

Framework Act on Telecommunications Korea 217
France, energy and transport 147
free trade agreement (FTA) 1, 4, 55
negotiations EU and US, since 2013 175
strategies 36
Free Trade Area of the Asia Pacific (FTAAP) 5
Free Trade Zones 24
French industrial park in Wuhan city 131
fruit and vegetables, processed 68
Fukushima disaster, Japan 74

General Mills
American multinational manufacturer 64
geographic concentration of US and EU R&D affiliates in China 115
geographical distribution of Chinese ODI in the EU 146
of US, EU and Asian R&D affiliates in China (2011) 112, 114
global F & B industry, Europe largest share 62
globalization policy of China 1
global role for China national and domestic foreign policy agenda 6
Global System for Mobile Telecommunications (GSM) 218–19
‘going out strategy’ in China from 2000 141
government and industry association statistics
SMEs in India 207
grain mills and starch products 68
Granger Non-Causality Test 95, 97
gravity model 195
Gross Domestic Product (GDP) 4
Hankuk Idong Tonshin Corporation rebranding of KMT 219
harmonized system (HS) classification
higher education students number per 10,000 people 119
high pollution in large Chinese cities 166
high-ranking positions in subsidiaries abroad held by expatriates 166
‘home-based exploiting’ 108–9
home country distribution of EU R&D affiliates in China 112
‘home country’ effect evidence in European R&D affiliates 131
for high quality FDI in R&D activities 132
psychic distance of China 118–19
home country linkages 109–10
human resource management (HRM) 157, 210, 237
international research in 160
practices questions in Chinese firms 160
Human Resource Management (HRM), training 158
Human Resource (talent) strategy, China 141
imbalance 102
between sexes in China 70
IMF intervention in Korea 1997, ailing economy 220
immigration rules, EU obstacles with China 150
import and export demand functions 179
import of foods, Singapore 77
import tariff reduction in China 53
impulse response function 99
income growth, food demand for animal protein 60
increase of Chinese ODI in EU 151
India 5, three million SMEs 203
India and ODI since 1991 26
Indian business enterprises, large
ITC, Godrej, Venky's India, Marico 206
Indian diaspora for Indian direct investment 27
Indian enterprises
innovation performance of food processing industry 199–213
Indian fertility rate 73
Indian food, impulse indulgence products 73
Indian food processing companies
Priya Foods, MTR Surya Food & Agro Ltd, Haldiram’s 205–6
Indian food processing deficits technical standards, inadequate knowledge 206
Indian food-processing industry 204–5, 207
Indian ODI, market- and resource-seeking 24
Indian SMEs, significance in India 203–4
Indonesia 8, 74
industrial and retail F & B sector, Asia 70
industrial specialization 109
industry distribution and investment mode of EU and Asian R&D affiliates in China 113
information and communications technology (ICT) 44
information services 91
innovation activity in Indian food processing SMEs 200
innovation dialogues 208–10
innovation performance, ideas funded 201
long-term customer adoption 202
innovations in MSMEs sector, India 203–4
innovation system of a city 132
Institute of Information Technology Assessment (IITA) 220
international human resource managers of Chinese MNCs, interview guide 160
internationalization of Renminbi (RMB) 9–10
International Labour Organization of United Nations 62
International Monetary Fund (IMF) 70
middle-income trap 236
restrictions to 7
International Telecommunications Union (ITU) 221
Internet retailing of food 72
intra-firm co-location (INTRAF) 118
intra-industry co-location (INTRA_HLQ) 118
intra-industry spillovers 109
invention to innovation 200
investment in China, top ten nations 49
investment in transportation, energy, telecommunications, China’s aims 8
iPad, Apple, US technology company 224, 227
iPhone, parts production in five countries 235
iPhones, Korea 226
Japan
ageing population 2
Bank of International Cooperation survey 2013 50
delinking from China 53
largest trading partner of China 36, 37
Meiji Restoration period 15
sensitivity on agricultural goods 4
Japanese decline 39, 45, 50
Japanese direct investment in Asia 26
Japanese firms
China as market, not production base 52
investment in ASEAN 50
technology, highly-sophisticated 23
Japanese keiretsu firms and networks 22
Japanese MNCs 19
Japanese ODI in China 49–51
Japanese officials repeated visits to Yasukuni Shrine 39
Japanese School of FDI 17–19
Johansen Co-Integration Test and VEC Model 101, 104
Emerging Asian economies and MNCs strategies

knowledge cities in China economically backward regions 132
knowledge resources, external, importance of 110–11
Korea
China’s fourth largest export destination 38–40
imports from China, expansion 38
telecommunications companies 218
Korea-China trade, investment linkages 36
Korea International Trade Association (KITA) 51
Korea Mobile Telecom (KMT) analogue cellular service 217
Korean chaebols 22
Korean companies 228 investment in China’s cheap labor force 52
Korean direct investment in China 51, 52
Korea Mobilea Telecom (KMT) privatization process 219
Korean mobile handset market 220
Korean ODI in China 51–2
Korean software industry, 1980s 24
Korea Wire3less Internet Standardization Forum (KWISF) 223
Korea Telecom Freetel, LG Telecom, Hansel PCS 220
Korea Telecommunications Authority (KTA) 217
Korea, top supplier to China 48
Kraft Foods 64
labor laws, EU obstacles with China 150
labor market in business environment 213
labor mobility and human resources 235–7
labor mobility restriction, ASEAN, China 235, 236
labor productivity, European food and drink industry 68
labor shortage in Thailand 78
labor unrest in Kerala, India 213
Land use in Asia and in selected Asian countries 71
language and professional knowledge for training programs for MNCs 164
laptop computers in Yangtze River Valley 41
legislation enactment 8
lifetime employment system, China and Japan 159
localization economies 107–9
location theory and R&D networks literature 133
low-carbon economy 132
low salaries in China 162
Luxembourg recipient of inward investment n EU, largest 143
machinery and transport equipment 178
export competition, ASEAN and US 173, 195
export US to EU 173, 178
main exports to EU 174
macroscopic transaction costs 88 in Chinese economy 102–3
Malaysia benefits from FDI relationship with China 27
capital exporting abroad 24
most developed country in Southeast Asia 75
trade volume with China 1
Malaysian commodities 188
Malaysian Islamic Development Department
Islamic food certification 76
malnutrition in world population 59
management implications 131–3
maritime cooperation finance, security, environmental protection 6
Maritime Silk Road (MRT), China’s 21st Century 6, 7
market infrastructure in Asia 80
market-seeking US investment in EU, post WWII 20
markets in mining, coal, nuclear power 141
market size, local market demand 119–20
Index

Marshallian industry specialization 107–8
Master Plan on Asian Connectivity (MPAC) 2010 6
meat products 68
micro, small and medium enterprises (MSMEs) 203
Ministry of Commerce and Industry Government of India 204–5
mobile phone networks 217
mobile phone operating system 192, 219
mobile service provider, Shinsegi, Korea 220
mobile telecommunication in Korea 217–18
model specification simultaneous equation model 179
Mondelez International, US multinational company 64
Motorola in US 229
multinational corporations (MNCs)
China less experience of international management 15, 155–6
corporate culture 237
emerging countries 20
industrialized countries 156
investment and production in India 15, 73
Malaysia, Nestlé, Unilever, Campbell’s 76
offshore R&D co-location strategies 106–34
R&D co-location strategies 107–11
a network perspective 108
R&D in developing countries 106
repatriation of failed managers 158
role of 9–10
Western and Asian 111
Muslim population in Malaysia, halal meat 75
Mutual Recognition Agreements (MRAs) 236
Myanmar (Burma)
emergence from military dictatorship 2
National Image Survey, BBC organizations 133
natural disasters and pandemics 4
negative impression of China
BBC interviewees 133
nested logic model (NLM), research 116–17
Nestlé
Switzerland, multinational, nutrition sectors 64
network equipment, Motorola in US 217
niche markets of food processing 205
niche market targeting 235
Nokia 226, 227
Number of SMEs and large companies by sub-sector (2011) 68
Obama Administration
opposition to Asian Infrastructure Investment Bank 7
obesity 59
highest in American regions 59
lowest in Southeast Asia region 59
Outward Direct Investment from China
cautions need from EU recipient countries 150
motives, in Asian emerging countries 23–5
one-party rule, non-democratic 150
offshore financial centres 143
offshore investment, China 22
offshore R&D in China 107
China as ‘desirable location’ 111
oils and fats 68
One Belt One Road (BRI) Initiative, China 6
online shopping in Korea 77
‘open door policy’ of China from end of 1970s 7, 155
Optics Valley in Wuhan
fiber-optical communication, botanic genetics 132
ordinary and non-ordinary trade 45
ordinary trade domination, China and Japan 48
ordinary vs processed trade 45–9
Outward Direct Investment (ODI) China 16, 139, 141, 142
Emerging Asian economies and MNCs strategies

China’s ‘going global strategy’ 150–51
South Korea, Taiwan 24
outward trading and investment overseas
marginal in China 1979–1983 140
overview of measurement methods of transaction costs 90
Oxfam ‘Behind the Brands’ report 63

packaging industry 62, 208
Panasonic Corporation
former Matsushita Electric Industrial Co. 18
Paracel and Spratly Islands, South China Seas 6
parliamentary systems
Indonesia, Thailand and the Philippines 2
parts and components, China’s trade 41
parts and components’ share, Korea 44
patent applications 202
Peoples’ Republic of China (PRC) establishment of businesses overseas 140
resilient economy 139
people-to-people exchanges 6
PepsiCo Incorporated, US multinational, for drinks 64
Per capita food supply 61
permanent crops and permanent meadows and pastures in Asia and selected Asian countries (2007) 72
permanent crops per capita, in Asia 70
Personal Communication Service (PCS) 220
personal digital assistant (PDAs) and mobile phones 224
political agenda of China’s leaders 7
political instability 2, 164
political or economic motivations 28–9
political systems diversity in Asia 2
pollution induced haze 4
population decreasing in Japan 74–5
population of Philippines overwhelmingly young country 76
population percentage of world most in China and India 62
portfolio measurement of innovation performance 203
poverty in rural areas, Asia 69
power utility sector of an EU country Chinese inroads 147–8
price elasticity of export supply from ASEAN and US 189, 194, 196
prices, increase in world 80
price volatility of agricultural commodities
challenge to Asian countries 69
private Chinese MNCs, repatriation policy 159
processed food sector, Malaysia 76
processing foods, dehydration, freeze-drying, spray drying, sterilization 208
processing trade
China’s surplus 46
Japan’s deficit with China 48
production and export patterns 18
production-sharing network in East Asia 41
Product Life Cycle Model (PCM) mainstream FDI theory 17
product life cycle (PLC) model 21
profit motive in China and Vietnam 237
project measurement
pharmaceuticals, chemicals, consumer electronics 202–3
protectionism to free trade 8–9
protectionist tariff and non-tariff barriers 235
Psychic distance between China and the sample economy 138
psychic distances and home country effect 130
Putzmeister Group, German company 146

R&D co-location strategies cross-country differences 121
R&D internationalization 107
R&D location strategies, Western MNCs 129–30
R&D units across Chinese cities 107
raw materials from Asia-Pacific 62
raw material supply problems, India
206
Regional Comprehensive Economic
Partnership (RCEP) 3, 4
regional economic integration 1
competing approaches 3
regional production networks
in East Asia: China, Korea 36–56
regional production network of China
45
regional tariffs, elimination by end of
2015 4
‘region-city’
US hierarchical location process
choice 133
regional production networks in Asia 9
regression results 121–31, 185
‘relationship’ issues in Chinese society
162
remarkable variable pairs in Granger
non-causality test 96
repatriation difficulty 165–6
repatriation policy in state-owned
MNCs 159
rescue programs for Greece, Portugal,
Italy 151–2
Research and Development (R & D)
clustering strategies in China 9
resource, market, asset, and efficiency
seeking 20, 23
restaurants in China, 73
results-based measurement,
business outcomes 202
retail food stores, India 206
retail sector in Philippines 76
retail stores, large 62–3
Rhodium Group data 148
role of state in Asia, firm-state
connection 22
safety and ecological concerns of
products 79, 164
Saharan Africa, undernourishment 59
Samsung 229–30
CDMA phone manufacturer 224
investments in Vietnam and Xian
51
Korea 228
Semi-Conductor and Electronics
area, 1969 216
TV set manufacturing plant in UK,
1995 24
Samsung, emergence as global ICT
player 216–30
Samsung handsets, Korea 221
Samsung in South Korea 10
Samsung internationalization
low-cost televisions 216–17
Samsung, Korea, 1930s
successful textile company 216
Samsung, rise of, Korea 220–22
Samsung Wave phones, Korea 227
scientific research 91
security issues
terrorism 236
terrorist and separatist activity in
China 6–7
Shares of Japan and Korea in China’s
imports 38
Shinsegi Telecom, 1996 220
Shipbuilding, Korean investment in
China 51
short messaging services (SMS), Korea
221
Silicon Valley, innovative region 110
Silk Road Economic Belt Proposal 6
Silk Road Fund 5, 7
Singapore, authoritarian style
democracy 2
Singapore population
fourth highest density in world
76–7
net migration 76
Single Farm Payment (SFP) 67
single industry pattern, variant 18
Single Payment Scheme (SPS) 67
Sino-Korean processing trade
electric and electronics industry 47
small and medium enterprises (SMEs)
24
smartphones, emergence, 2002 224–8
iPhone and BlackBerry 229–30
SME Rating Agency of India 205
SMEs and micro-enterprises
European food and drink businesses
68
SMEs in India
employment-generating 199
food processing industry 10, 205–6
social control, strong in China 166
socioenvironmental obstacles, ODI from China 150
SOEs, less important to Europe 145
software industry in Korea 22
Southeast Asia 69
younger population 2
South Korea
China’s trade with 2
international immigration 77
South Korean firms
outward investment in developed countries 23
Sovereign Wealth Funds (SWFS) 145
spillovers of intellectual capital 109, 110
spouses and children of expatriates to stay in China 167
standard demand function of imports 179–80
state-ownership *de facto* in China
state-firm relations, crucial 23
stationary test 95
sub-Saharan African countries, high growth rates 25
summary of independent variables 122–123
Sunkyong Group (SK) 219
suppliers, alliances with, 212–13
tables 2010
Apple, US technology company 227
Taiwan-China economic relationship, 1990s 26
Taiwanese original design manufacturers (ODMs) 41
Taiwanese outward direct investment 26
Taiwan population, low fertility rates 77–8
Taiwan’s specific role with China 41
tariff barriers and non-tariff barriers 8, 196
tariff liberalization 55
tariff rates effectively applied by China on different categories 54
tax havens 143
Tax havens, Luxembourg 151
technological protection obstacles
ODI from China 150
technology and human resources 210–11
technology-based sectors deals
EU reluctance with China 150
technology development, Korea 220
technology in MSMEs, India 203
technology-seeking motive, China 25
‘Technology Shift’ in innovation 209
technology sourcing
Chinese and Indian firms 28
Telecommunications Act 1983, Korea 217
telecommunications area
bone of contention, US and Korea 223
Telecommunications Technology Association (TTA)
Korea 223
telecommunications trade, South Korea, 229
territorial and maritime disputes
South China Sea and Southeast Asia 2
terrorism, territorial disputes 4
Thai food processing industry 78
Thailand, exports from 189
Top 50 global food and beverage companies: market shares 65
Top 50 global food and beverage companies per region (2010) 65
top management team (TMT)
innovation performance 212
Top ten grocery markets by value 66
trade deficits of China in East Asia: China, Korea 46
trade deficit with Korea, China 48
trade imbalances of China 104
trade patterns, ASEAN, the US and the EU 2013 174
trade policy in China 53
trade structure 92
transaction cost minimization 21, 88–9
transaction costs
Foreign direct investment framework 16
China 89–92
Index

New Institutional Economics (NIE) 87
Transactions in the F & B sector top five countries and continents by value (2009) 66
Transatlantic Trade and Investment Partnership (TTIP) 175
transformation sector 88–9
transnational index of China’s top 100 MNCs 156, 167
Trans-Pacific Partnership (TPP), exclusion of China 5
American fears of Chinese dominance
transport sector in EU, automotives 148
travel abroad for international assignment 162
Typhoon Hayan, 2013, Philippines 76

UN Food and Agriculture Organization (FAO) 60
Unilever
British-Dutch multinational consumer goods company 65
United Nations Conference on Trade and Development 24
China’s attraction of FDI 155
United Nations Industrial Development Organization study of Indian food processing 206
United-States–China rivalry in Asia-Pacific 7
United States–Japan alliance in face of growing Chinese military power 5
United States (US) importance of EU for their exports 173
university-industry linkages, science city 110
urbanization economies 107–8
urbanization in China 70, 141
substantial land losses challenges 80
urban population in Philippines taking over rural 76
urban population of China surpassing population in rural areas 79
US and European R&D locations: n
nested logit model estimation results Model 1 126
nested logit model estimation results Model 2 127
US, European and Asian R&D locations
conditional logit model estimation results 124–5
US R&D, affiliates in China 111
US R&D affiliates, external linkages 129–30
value of coefficient (pi) in the original supply equations 190–192
variables and hypotheses 117–21
variance decomposition result of the total retail sales of consumer goods 100
VAR model 95, 97–8
VEC Model 102, 104
vector autoregression (VA) 88, 151
venture capitals, help for SMEs 211–12
Vietnam, consumption trend 78–9
Vietnam and Laos, one-party states 2
wages as exogenous variable 179
water conservancy 91
water resources in Asia, shortage 70, 79, 189
Western and Asian firms, in China, comparison 106–34
western culture, fascination for 162
Western development strategy, China 141
Western-style products olive oil, pasta, tomato sauce, wine 72
wheat production capacity from China 62
Wireless Application Protocol (WAP) 221
Wireless Internet Platform for Interoperability (WIPI) Korea 223–5
World Bank (WB) 7–8
Emerging Asian economies and MNCs strategies

- World Trade Organization (WTO) 37
- China’s admission in 2001 41, 140, 159
- Information Technology Agreement (ITA) 53–4

- World Food Summit 1996 81
- World Health Organization (WHO) overweight figures 59
- World-class talent for food processing industries 204