Index

absolute poverty incidence 150
actual profits versus counterfactual 285, 289
adjustment policies for allocation of resources 82
administrative targeting 253
adult literacy 141
African economy 20
archetypal 48
age of head of household 16, 27
aggregate
income 20, 61
labor 99
of land and water 99
welfare 127, 128, 141
aggregation 10, 11
aggregation functions 44
aggregation level on household side 83
agricultural activities 235
agricultural crop 90
in Philippines, rice 23
agricultural extension advice 266
agricultural labor 23, 258
agricultural production 24, 96–100, 102, 146
and ‘Dutch Disease’ 150
fertilizer 104
agricultural sales 33
agricultural sector 22, 148, 266
agricultural subsidies 195
agriculture labor 105
large-scale 20, 49
organic and contract farming 268–72
production module 97
agrochemicals 271, 274
agro-service for farmers 268
all-weather road access 27, 163
animal raising 235, 239
Annual Poverty Indicator Surveys (APIS) 174, 182
antenatal services 217
Armenian assumption 44, 94
Asia
growth achievements 1
poverty reduction in 1
Asian Development Bank (ADB) 124
Asian Financial Crisis 174
Assessing the Impact of Microfinance Services project 225
assessment tools 225
assets 15, 245
ownership 27
‘attrition bias’ 228
average consumption 6, 7
average revenue product 56
balance of payments and trade 44
Bangladesh 63, 81
microfinance schemes 17
Bank Rakyat Indonesia (BRI) 227
barani areas of Pakistan 196
bargaining power 11
basic needs basket 20
Balisacan, Philippines 143
‘below poverty line’ (BPL) status 246, 250, 251, 253
beneficiaries, rightful 245
benefits distribution of 198
to governments 268
leakage 260
best-practice technique 124, 125
beta distribution function 47
bias against small farmers 272
biochemical tests 268
bonded labor 65
borrower income of poor 227
borrowing against collateral 68–9
bribes 212
budgets 2
constraint 12
buffer stock management 94, 103–4
bureaucrats 57, 60

Cambodia 266
contract farming 267
less developed economy 36
capital 99
and labor 68
capital assets 275
capital-intensive direction 15, 64
capitalists and profits 57
capital market imperfections 68
Caribbean 3
cash transfer scheme 198
caste 260
of head of household 34
castes and tribes 34
Catholic church hierarchy
and family planning 173
cattle 27
causation 132
ceiling price 103
Census of Population and Housing,
Philippines 182
Center for Micro Finance Research 228
Central Zakat Council funds 198
cereals 66
certification requirements 268
certification system, ineffective 275
CES, see Constant Elasticity of Substitution
CGE, see Computable General Equilibrium
Chair of village meetings (Pradhan) 34
chemical fertilizers 275
chemical residues in food 268
child-bearing 181
child care 185
health services 173
childhood diseases, treatment 217
child labor 178–9
and family size 176, 177
children
average numbers in family 181–2
and education, Philippines 182–3
and household savings 186–9
and labor force 188, 190
Philippines 184–6
as old-age security 186
China, People’s Republic of (PRC) 2, 4
clients as control group 226–7
closure rule problem 44
Cobb–Douglas
production function 20, 66
utility functions 57
collective bargaining 48
commodities
formal and informal 51
prices 149
communications 25
infrastructure 130
quality of 128
community health worker 153
community life 247
community preferences and rural poor 245–65
in Uttar Pradesh 33–4
community services in poor urban areas 214
community welfare in India 248
comparative profit efficiency 286–90
comparative static exercise 79
compensatory tax 113
competition in trade, India 65
complementary slackness conditions 99
composite commodity price 95
composite index 130
Comprehensive Rural Employment Scheme, India 33, 245
Computable General Equilibrium (CGE) model 14, 19, 41, 63, 94–111
agriculture-focused 91
for Philippines 23
constant elasticity of substitution (CES) 21, 94, 95, 99
production functions 66, 68
constant elasticity of transformation (CET) 95
consumer and imports 45
consumer concerns on food 269
consumer durables 246
consumer good and preferences 66
consumer prices
drop 118
index, Lao PDR 151
for irrigated palay 116
weighted 116
### Index

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>19, 27</td>
<td>consumption and expenditure</td>
</tr>
<tr>
<td>7</td>
<td>consumption data</td>
</tr>
<tr>
<td>231–3</td>
<td>consumption/expenditure</td>
</tr>
<tr>
<td>103</td>
<td>consumption price</td>
</tr>
<tr>
<td>102</td>
<td>consumption tax</td>
</tr>
<tr>
<td>28, 173, 191</td>
<td>contraceptive supplies</td>
</tr>
<tr>
<td>34–6, 266–99</td>
<td>contract farming</td>
</tr>
<tr>
<td>267–71</td>
<td>benefits of niche crops</td>
</tr>
<tr>
<td>266–99</td>
<td>potential benefits of niche crops</td>
</tr>
<tr>
<td>292–3</td>
<td>variables</td>
</tr>
<tr>
<td>35</td>
<td>contractual arrangements</td>
</tr>
<tr>
<td>224</td>
<td>control and treatment groups</td>
</tr>
<tr>
<td>135</td>
<td>convergence, conditional</td>
</tr>
<tr>
<td>253</td>
<td>core targeting</td>
</tr>
<tr>
<td>104</td>
<td>corn</td>
</tr>
<tr>
<td>23</td>
<td>and rice milling</td>
</tr>
<tr>
<td>128</td>
<td>correlation, bivariate</td>
</tr>
<tr>
<td>128, 129, 130</td>
<td>correlation coefficient of infrastructure</td>
</tr>
<tr>
<td>267–71</td>
<td>cost efficiency in zakat targeting</td>
</tr>
<tr>
<td>272–3</td>
<td>diagnostic tests</td>
</tr>
<tr>
<td>284–6, 288</td>
<td>counterfactual simulation</td>
</tr>
<tr>
<td>132</td>
<td>country-specific dummies</td>
</tr>
<tr>
<td>246</td>
<td>credit for farmers</td>
</tr>
<tr>
<td>266</td>
<td>credits for farmers</td>
</tr>
<tr>
<td>65</td>
<td>crisis in India</td>
</tr>
<tr>
<td>127</td>
<td>critical variable, poverty</td>
</tr>
<tr>
<td>149</td>
<td>alternative crops</td>
</tr>
<tr>
<td>20</td>
<td>for export</td>
</tr>
<tr>
<td>24, 121</td>
<td>non-rice sector</td>
</tr>
<tr>
<td>149</td>
<td>traditional crops</td>
</tr>
<tr>
<td>5</td>
<td>cross-country analysis</td>
</tr>
<tr>
<td>176–80</td>
<td>cross-tabulation analyses, evidence</td>
</tr>
<tr>
<td>273</td>
<td>dairy farms</td>
</tr>
<tr>
<td>127–30, 132</td>
<td>data analysis</td>
</tr>
<tr>
<td>84</td>
<td>decomposition</td>
</tr>
<tr>
<td>246, 247, 261</td>
<td>delivery of goods</td>
</tr>
<tr>
<td>248–9</td>
<td>district-level road development</td>
</tr>
<tr>
<td>198</td>
<td>District Zakat Committees</td>
</tr>
<tr>
<td>116</td>
<td>domestic demand</td>
</tr>
<tr>
<td>44</td>
<td>domestic economy</td>
</tr>
<tr>
<td>17</td>
<td>domestic savings</td>
</tr>
<tr>
<td>16</td>
<td>donor aid</td>
</tr>
<tr>
<td>124</td>
<td>donor community</td>
</tr>
<tr>
<td>32</td>
<td>donor support</td>
</tr>
<tr>
<td>228</td>
<td>dropout rates</td>
</tr>
<tr>
<td>245</td>
<td>drought and flood</td>
</tr>
<tr>
<td>204</td>
<td>drought and poverty</td>
</tr>
<tr>
<td>217</td>
<td>drugs</td>
</tr>
<tr>
<td>157, 158</td>
<td>dry season access to roads</td>
</tr>
<tr>
<td>66–9</td>
<td>dual–dual CGE model for South Asia</td>
</tr>
<tr>
<td>13, 19, 41–89</td>
<td>dual–dual model</td>
</tr>
<tr>
<td>81</td>
<td>dualism</td>
</tr>
<tr>
<td>132</td>
<td>dynamic estimation</td>
</tr>
</tbody>
</table>

---

Index 303

John Weiss and Haider A. Khan - 9781847203168
Downloaded from Elgar Online at 05/03/2019 12:27:25PM via free access
dynamic gains from trade 83
dynamic simulations 78
earnings of parents 175
East Asia 3
‘East Asian Miracle’ economies 4, 15
ecological degradation 271
economic background of Lao PDR 148–50
economic crisis in India 65
economic growth 4
economic reforms 146
economic welfare 148
economies, faster growing 5
Ecuador, income distribution and welfare 46
education 12, 16, 60, 197, 199
of children 29, 175, 180
expenditure 178
of head of household 27, 196
and health 233–4, 238
investment 29, 142
of parents 180
and skills, low 73
zakat for 30
educational facilities 145
effectiveness targeting statistics 254–8
efficiency and profit 272–3
elasticities and parameters 110
elasticity of substitution 94, 116
electricity connection 27, 153
electrification systems 16, 39
elites, local in Pakistan 36
embeddedness 38
employment
full 21, 78
generation 16
employment guarantee scheme 245
empowerment 239
endogeneity 124, 132
‘endogenous placement’ effect 147, 148
energy sector in South Korea 49
entitlement, full, to zakat 211
environmental benefits 35
environmental conservation 274
equality constraints 96
equilibrium conditions 55
for model 58
equilibrium quantities 43
equivocal support by government, Philippines 173
ethnic bias 16
ethnicity 15
Europe 3
exchange rate 8, 17, 96
fixed 58
policies 15
exogenous eligibility requirement 226
expenditure
distribution 34
information on 6
pro-poor 195–214
survey 251
exportables, South Asia 85
export-led growth 14
export markets 267
for agriculture 271
export of rice 274
export price 95, 58
export sector, productivity in 21
exports 50
price increase 76
‘external-input agriculture’ 271
factor abundance 81
factor demand and factor prices 120
factor incomes 24
factor intensity 81
factor markets 83
factorial income distribution 43
factorial source of household income 59
Fair Trade Networks 274
falsification of workers’ rosters 245
families, large 15, 69
family farms 19
Family Income and Expenditure Survey (FIES) 24, 91, 106, 108, 174
data 28
family occupations 258
family planning 173, 217
Pakistan 214
in the Philippines 190
family size 29, 171, 190
and family welfare 172
large 28, 36
in the Philippines 28
and poverty 173–6
social mobility 29
farmers, subsistence 266
farmgate prices 92
farm incomes 35
farming inputs 266
farms, contract and non-contract 275–90
farm-to-market roads 24, 121
farm workers and contracts 65
fathers, labor force participation 188
favoritism in zakat targeting 202
Federal Bureau of Statistics 196
female-headed households 258
female labor supply 29
fertility rates 172
high 28, 196
reduction 171, 173
unwanted 173
fertilizers 23, 66, 102
price formation 94
price subsidy 113, 120
Filipino tradition of education 178
financial policies 15
first-differenced model 132
fiscal deficit reduction 196
fixed commodity basket 50
fixed price multipliers 19, 42, 49
fixed rent 64
flexibility 68
food 50, 51, 56, 57
for developing economies 42–6
and importables, basic needs 72
and poverty 94
and shelter 12
food crops for home consumption 19–20
food-for-work schemes 33, 247
in India 18, 36, 245
food-producing sector 21, 61, 67, 268
food quality standards 35
food safety 268, 271
food subsidies 16, 194
foreign capital 150
foreign savings 44
foreign trade 44, 55, 65
and imports 58
foreign-made consumer goods, India 66
forest areas, marginal 275
formal modelling 19
free trade 22, 82
fuel 275
full employment 80
GDP, see Gross Domestic Product (GDP)
gender issues 15, 239
gender of head of household 34
General Algebraic Modeling System (GAMS) 104
general equilibrium 19, 42, 228
Generalized Method of Moments (GMM) 25, 125, 132
‘Generalized Solow model’ 126
generic model 41
Ghana case, rural and urban poverty 12
Gini coefficient 24, 120, 121, 135, 196
global agricultural supply networks 35
global perspective 2
global poverty 6, 10
globalization 266
GMM, see Generalized Method of Moments
goods and services 8
governance 194
Governance, Institutions and Targeting Survey 261
governance, weak, for zakat 31
government programs, beneficiaries 249
government revenue 111, 113
government subsidy 94
government transfers 119
Gram Panchayat (village governments)
survey, India 33, 247, 261
Gram Sabhas (village councils), India 248
Grameen Bank, Bangladesh 227
‘Green Revolution’ 271
Gross Domestic Product (GDP) 6, 17
per capita growth 135
real 145
group-level poverty analysis 83
growth benefits 5
growth pattern in countries 15
growth plus 2, 14–18, 41
growth–poverty elasticity 41
growth rates 172
Index

growth regression 133–4
Gizara allowance 199
beneficiaries 201

Harris–Todaro
framework 49, 57, 81
migration equation 20, 21
specification 67
Hausman specification test 135
headcount measure 10
of poverty 128, 137, 138–9
headcount ratio 14, 24
index 11, 20, 76
heads of households, status of, as variables 207

health 12, 197
and education programs 16
investment in zakat for 30
health benefits 35, 291
health expenditure per capita 177
health facilities 145, 194, 199
health knowledge 217
health status of poor 214
health workers
female 31
geographical coverage, Pakistan 214–16
herbicides 275
home consumption, production for 12
household expenditure, Uttar Pradesh 33
household groups
consumption shares 107
definitions 105
household heads 153
status of, as variables 207, 210

household income
determination 57
distribution 19, 43, 83
expenditure surveys 12
and poverty indices 106
sources 109
Household Integrated Economic Survey (HIES) 195, 239
household level survey data 150
household statistics 242
household surveys 6, 7, 8, 247, 261
household types, savings parameters 45

households
assets 153
characteristics 27
enterprises 64
number of, and road access 153
skilled 77
zakat receiving status 200, 203–4
housing characteristics as variables 207, 210

housing for poor 205
human capital investment 126, 180
human capital proxy 132, 140
Human Development Index (HDI) 25, 127, 128, 141,
human resource development 194
hypotheses tested 272

illness 16
and poverty 204
importable sectors, rural and urban 20
importables 67, 85
import-competing sector 50, 58
import licences 66, 102
import price 96
import quota 100–102
import tariff rate 36, 66, 96
reduction in 113–19
imports 100
cheaper 45
and exports 20
Lao PDR 149
income 6, 59
and consumption 45
and expenditure survey 69
income distribution
in CGE models 46–8
effects 91, 118
income equality in Pakistan 222
income improvements 268
income inequality 118
income poverty 72, 124, 254
income sharing 58
income tax 231
direct 119
income-generating activities 235, 236–7
incomes and population 59
‘index cards’ method 247
India 2, 8, 81
balance of payments crisis 65
Indian data 63
Index

Indonesia 2
  income distribution and welfare 46, 47
  microfinance schemes 17
  technological dualism 49
industrial inputs into agriculture 102–3
industrialization 14
industry, urban 20
inequality 7, 14, 17, 128
  in Lao PDR 146
  and poverty 135
inflation 149
informal households, rural 57
informal sector outputs, food 51
informal to formal sectors 49
infrastructure 12
  investment in 18, 36
  and poverty 16, 25, 124–44
  quantity and quality 26, 127
input price 103
insider job market 21, 67
interest rates 15, 17
international aid 15
international comparisons 8
international databases 7
international development finance
  organizations 10
international poverty data 6
intra-household group information 47
investment
  in infrastructure 124
  opportunities 17
  private 15
    in agriculture 195
  public 16
investment categories 126
investment share, predetermined 132
irrigation 24, 99, 121
  and non-irrigation 23
irrigation facilities, public investment
  in 149, 163
Islamic concept of charity 194, 198
Islamic institution (zakat) 11
jobs
  creation 14
  lower paid 22
  rationing 21, 67
  reallocations 78
Keynes, John Maynard 13, 42
Khushhali Bank, Pakistan 31–3
  clients 239
  impact assessment 229
  mandate 230
  microfinance in Pakistan 222–44
  kip/dollar rate in Lao PDR 149
Korea 28
  population 172
labor force
  hired and family 275
  parents in 180
  skilled and unskilled 47, 56, 105
  labor force participation 29, 172
  Labor Force Survey 23, 105, 182
  labor-intensive technologies 15, 17, 19, 64
labor market
  equilibrium 58
  flexibility 78–81
  imperfections 68
  and production 51
  segmented 64
  labor migration 49
  labor supply 29, 175
  labor-surplus South Asian economies 20
  labor unions 21, 48, 64
  and monopoly element 79
Ladies (L) 262
Lady Health Worker program 29–31, 194–221
  targeting efficiency 214–19
land 275
  access to 106
  ownership 246, 250
  in production 94
  and water 99
landholders, rural 57, 58, 60
landlocked countries and roads 146
landowning households 57
land-owning and landless poor 7
land value owned 252
Lao Expenditure and Consumption Survey (LECS) 26, 147, 150
Lao PDR 18, 266
  contract farming 267
  less developed economy 36
  and road access for rural poor 36
  roads and poverty reduction in 26–8
Latin America 3
law and order 194
leisure 56
Leontieff coefficients 96
liberalization and efficiency 25
life expectancy at birth 141
linear expenditure system 96
literacy 153
of head of household 205
poor 15
livestock 246, 266
value owned 252
Living Standards and Measurement Survey (LSMS) 238, 239
loans 17
local currency 8, 95
local government units (LGUs) 173
local influence determines recipients of zakat 31
local markets 26
location targeting 31
logit regression effects on zakat-receiving households 208
logit estimation techniques 231
log normal function 47
machinery rental 275
macroeconomic closure 96
macroeconomic environment 64
macroeconomic instability 135
macroeconomic models 42, 44
macroeconomic policy reforms 15
macro-modeling of poverty 41–89
male and female surveys 240
Manmohan Singh, Finance Minister in India 65
market access 268
lack of 34
market and non-market institutions 11
market barriers 35
market-clearing conditions 43, 79
market economy 145
market exchange 267
market forces 65
market linkages 266, 268
market outlets 149
market price 20
of animals 239
market reform 24, 121
market relationships 124
and the poor 124
market services 266
marriage, age of 180
marriage assistance 199
zakat for 30
maternal health services 173
measurements of poverty and differing perceptions 10–14
medical assistance at birth 217
medical practitioner 153
medical treatment for children 33
Medium Term Development Plan 171
metals 66
Mexico case, national poverty 12
micro-credit program 225, 227
micro-enterprises 33, 235
microfinance 16, 18, 32
impact assessment 228
lending 31–3, 37, 225
participation 230
poverty impact of 224–9
Microfinance Sector Development Program (MSDP) 222
Micro Impact of Macroeconomic Policies Project (MIMAP) 85
micro-level poverty analysis 83
microloans 229, 238
microsimulation 91
Middle East 3
migrant family members 14
migration 21, 61, 81, 83
absence of 63
reverse 22, 76
rural–urban 57
Millennium Development Goals 2, 78
milling activities 104
mineral ores 66
Ministry of Agriculture and Agricultural Cooperatives of Thailand 274
Ministry of Roads in Vientiane 161
Mixed-complementarity problems (MCP) 97, 98
modern sector with industry 50
monetary values 182
moneylenders 17
monopoly element of labor unions 79
Morocco, income distribution and welfare 46
mortality rates 191
 mothers 
etnings 29
 labor force participation 184–5, 188
 motorcycle ownership 250
 multicollinearity 140
 multinational food corporations 267
 multivariate analyses 172, 197
 evidence 180–88
 multivariate regression 147
 mustaqiheen (beneficiaries of zakat), 
 selection 201, 212–14

national accounts 6, 7, 8, 10
 National Council of Applied 
 Economic Research (NCAER) 69
 National Food Authority, Philippines 92
 national government, non-committal 
 attitudes 173
 National Grains Authority, Philippines 92
 national guidance, lack of 173
 national poverty 34
 decomposition of changes in 63
 National Poverty Estimates 8, 92, 195–7
 National Rural Employment Bill 263
 National Statistical Center (NSC) 147, 150
 National Statistics Office 182
 needy among close relatives 205
 non-cash wage-workers 49
 non-governmental organizations 
 (NGOs) 271, 274
 Pakistan 32
 North Africa 3
 nutritional requirements, minimum 151

occupation 153, 260
 of head of household 34
 old age 175
 older borrowers, treatment group 228
 one-child policy in PRC 181
 Ordinary Least Squares (OLS) 125, 132, 140, 231
 organic agriculture 35, 272, 275
 and higher profits 290
 in Thailand 35, 267
 organic fertilizer 275, 298
 organic products, demand for 268
 organic rice contract farming in 
 Thailand 34–6
 Other Backward Castes (OBC) 262
 Other Backward Castes Female 
 (OBCL) 262
 out-migration to Middle East 195
 output tax 111
 indirect 119
 outreach indicators for microfinance, 
 Pakistan 223
 ‘outsiders’ 21
 owner-cultivation 197
 Oxford Policy Management (OPM) 
 214, 216

Pakistan 8
 and microfinance 31–3
 poverty targeting 29–31
 in (zakat) 11
 Pakistan Institute of Development 
 Economics 199
 Pakistan Integrated Household Survey 
 (PIHS) 239
 Pakistan Microfinance Network 243
 Pakistan Poverty Alleviation Fund 
 (PPAF) 243
 Pakistan Socio-Economic Survey 
 (PSES) 195, 239
 palay rice production 23, 24, 92, 102
 farmgate price 104
 Panchayati Raj in India 248
 panel data techniques 12, 132, 140
 parameter estimates 132, 137
 parental earnings 29
 partial equilibrium 91, 228
 passenger transport 153
 People’s Republic of China (PRC) 15, 
 143, 146, 266
 per capita income 172
 permanent market 153
 Pernia, Philippines 143
 pesticides 275
 petroleum 66
 Philippines
 country studies 143
 family size and poverty 23–5, 28–9, 
 171–93
 and Pakistan 10
 population 172
 rice market reform 13, 90–123
<table>
<thead>
<tr>
<th>Index</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>physical capital 126</td>
<td></td>
</tr>
<tr>
<td>physical infrastructure 130, 135, 141</td>
<td></td>
</tr>
<tr>
<td>piped water 153</td>
<td></td>
</tr>
<tr>
<td>Polanyi, Karl, on capitalist economy 1</td>
<td></td>
</tr>
<tr>
<td>policy analysis of 60 experiments in 112</td>
<td></td>
</tr>
<tr>
<td>policy horizon 11</td>
<td></td>
</tr>
<tr>
<td>policy reform 24</td>
<td></td>
</tr>
<tr>
<td>policy shock 73</td>
<td></td>
</tr>
<tr>
<td>policy simulations 111–20 and impact on poverty 61–3</td>
<td></td>
</tr>
<tr>
<td>in the model 738</td>
<td></td>
</tr>
<tr>
<td>political devolution in India 33</td>
<td></td>
</tr>
<tr>
<td>poor connections of 11</td>
<td></td>
</tr>
<tr>
<td>embeddedness of 1</td>
<td></td>
</tr>
<tr>
<td>identification of 249–53</td>
<td></td>
</tr>
<tr>
<td>special support for 16</td>
<td></td>
</tr>
<tr>
<td>targeting of 197, 216–17, 246 and vulnerable 194</td>
<td></td>
</tr>
<tr>
<td>poorest households 34</td>
<td></td>
</tr>
<tr>
<td>‘Popularity Contest’ (PC poor), household attributes 251–9</td>
<td></td>
</tr>
<tr>
<td>population growth 171</td>
<td></td>
</tr>
<tr>
<td>and family size 173</td>
<td></td>
</tr>
<tr>
<td>in Pakistan 216</td>
<td></td>
</tr>
<tr>
<td>policy in Philippines 18, 28, 173</td>
<td></td>
</tr>
<tr>
<td>problem 171</td>
<td></td>
</tr>
<tr>
<td>poverty 2, 6, 5, 18, 33, 62</td>
<td></td>
</tr>
<tr>
<td>in CGE models 46–8</td>
<td></td>
</tr>
<tr>
<td>changes in 62</td>
<td></td>
</tr>
<tr>
<td>and distribution 108–11</td>
<td></td>
</tr>
<tr>
<td>and inequality 17</td>
<td></td>
</tr>
<tr>
<td>macro-modeling 19</td>
<td></td>
</tr>
<tr>
<td>and the Philippines 90–123, 171–93</td>
<td></td>
</tr>
<tr>
<td>targeting 245</td>
<td></td>
</tr>
<tr>
<td>transmission of 190</td>
<td></td>
</tr>
<tr>
<td>poverty analysis 46</td>
<td></td>
</tr>
<tr>
<td>in a dual–dual structure 48–50</td>
<td></td>
</tr>
<tr>
<td>in generic model 58–60, 72–81</td>
<td></td>
</tr>
<tr>
<td>poverty assessment for Lao PDR 147</td>
<td></td>
</tr>
<tr>
<td>poverty dimensions 29</td>
<td></td>
</tr>
<tr>
<td>poverty dynamics 73, 74</td>
<td></td>
</tr>
<tr>
<td>poverty estimates, official 30</td>
<td></td>
</tr>
<tr>
<td>poverty gap 20, 62, 76, 118</td>
<td></td>
</tr>
<tr>
<td>poverty headcount 9, 62, 77, 136, 251</td>
<td></td>
</tr>
<tr>
<td>poverty impact of trade liberalization 42</td>
<td></td>
</tr>
<tr>
<td>poverty indicators 106, 121</td>
<td></td>
</tr>
<tr>
<td>poverty levels 7</td>
<td></td>
</tr>
<tr>
<td>in Pakistan 216</td>
<td></td>
</tr>
<tr>
<td>poverty line 2, 27, 72</td>
<td></td>
</tr>
<tr>
<td>calculation 20</td>
<td></td>
</tr>
<tr>
<td>poverty-offsetting measures 119–20, 142</td>
<td></td>
</tr>
<tr>
<td>poverty ratio 140</td>
<td></td>
</tr>
<tr>
<td>poverty reduction</td>
<td></td>
</tr>
<tr>
<td>in Lao PDR 145–7</td>
<td></td>
</tr>
<tr>
<td>in South Asia 22</td>
<td></td>
</tr>
<tr>
<td>Poverty Reduction Strategy Paper (PRSP) 2, 16, 30, 34–6, 194, 197</td>
<td></td>
</tr>
<tr>
<td>poverty regression 135–7</td>
<td></td>
</tr>
<tr>
<td>poverty security 75</td>
<td></td>
</tr>
<tr>
<td>poverty severity 20, 76, 78, 81</td>
<td></td>
</tr>
<tr>
<td>poverty targeting</td>
<td></td>
</tr>
<tr>
<td>effectiveness 253–9</td>
<td></td>
</tr>
<tr>
<td>in Pakistan 11, 194–221</td>
<td></td>
</tr>
<tr>
<td>in Uttar Pradesh, India 33</td>
<td></td>
</tr>
<tr>
<td>poverty threshold 111</td>
<td></td>
</tr>
<tr>
<td>power infrastructure 130</td>
<td></td>
</tr>
<tr>
<td>PRC, see People’s Republic of China</td>
<td></td>
</tr>
<tr>
<td>preference for sons 181</td>
<td></td>
</tr>
<tr>
<td>preschool learning 69</td>
<td></td>
</tr>
<tr>
<td>price ceiling 103–4</td>
<td></td>
</tr>
<tr>
<td>industrial input into agriculture 102–3</td>
<td></td>
</tr>
<tr>
<td>price distortions 15, 100</td>
<td></td>
</tr>
<tr>
<td>price endogeneity 47</td>
<td></td>
</tr>
<tr>
<td>price flexibility 456</td>
<td></td>
</tr>
<tr>
<td>price floor 103–4</td>
<td></td>
</tr>
<tr>
<td>price-gap method 100</td>
<td></td>
</tr>
<tr>
<td>price index 8</td>
<td></td>
</tr>
<tr>
<td>price inflation 149</td>
<td></td>
</tr>
<tr>
<td>price of imports, drop 76</td>
<td></td>
</tr>
<tr>
<td>prices, local and domestic 102</td>
<td></td>
</tr>
<tr>
<td>price subsidy 102, 103, 113</td>
<td></td>
</tr>
<tr>
<td>primary health 16</td>
<td></td>
</tr>
<tr>
<td>private investment 45</td>
<td></td>
</tr>
<tr>
<td>private saving–investment balance 46</td>
<td></td>
</tr>
<tr>
<td>product accreditation 266</td>
<td></td>
</tr>
<tr>
<td>production activities 43, 83, 105</td>
<td></td>
</tr>
<tr>
<td>productivity increasing 266</td>
<td></td>
</tr>
<tr>
<td>in export 67</td>
<td></td>
</tr>
<tr>
<td>profit and cost structure 283</td>
<td></td>
</tr>
<tr>
<td>profitability comparative 279–86</td>
<td></td>
</tr>
<tr>
<td>of contract farmers 272</td>
<td></td>
</tr>
<tr>
<td>profitability gap 290</td>
<td></td>
</tr>
</tbody>
</table>
Index

profit efficiency 35, 273
  of contract farmers 272
  by farm size 287
  by stages of organic farming 288
profit elasticities for farms 280
profit frontier analysis 272–99
profit maximization 94, 99
‘pro-poor’ expenditure 198
protection in trade, India 65
provincial zakat Councils 198
public expenditure 16, 197
public sector 46, 145
  agricultural extension facilities 35
  enterprises, privatisation 196
public services provision 12
public spending 218
  Pakistan 197–8
purchasing power 8, 141

quality control 240
quality index 130, 140
quantitative restrictions (QR) 23
  on consumer prices 91
  on household income 91
  on imported rice 11, 24, 120
  removal of 113, 120
  on rice 90
  tariff reduction 119–20
quantity index 140
quantity–quality hypothesis 180
questionnaire, survey instrument 238–40
quintile targeting 253
quota rights 19, 102

rainy seasons 145
random effect panel 135
randomised program design 228–9
ranking by assets 253
ranking by expenditure 253
rates of growth 4
real consumption expenditure 116, 156
real exchange rate 44
recipients, or mustaqiheen 199, 200
regional price variations 12
regional statistics 12
regression analysis 130–41, 152–3
regression framework 25
regression results 124, 153–62
rehabilitation grants 199
relatives, poor, for zakat funding 205
religious attitudes in zakat 31
religious groups and environmental conservation 274
religious obligations 36
religious sensitivities 28
representative household assumption 47
research methodology and data 229–31
reservation status of villages 262
revenue efficiency 273
reverse causation 124
rice
  consumer price 104
  and corn milling 104
  as staple food 90
rice farming in Thailand 35, 266–99
  characteristics 277–8
  costs and returns 294–7
  efficiency studies 274
  organic farming 37
  profitability 281–3
rice imports 23, 104, 121
  reduced tariff 111
rice market reform in the Philippines 90–123
  liberalization in 13
rice policy regime 121
rice sector 92–4
  in Philippines 18
rice varieties, high-yielding 24, 121
road access 27, 146
  all-weather 161, 163
road-building program in Lao PDR 28
road infrastructure 130
road provision, changes 147
road quality in Lao PDR 26, 145–70
road system, low quality 151–2
road transport and power 25
roads 128
  investment in 15, 18
  and poverty 151–2
Rowntree, Benjamin S., on economy 2
rural activities 14
rural and urban sectors 16, 19
  of Pakistan 32
rural credit 266
rural electrification 194
rural households 24, 56, 106
rural informal sector 56
rural population in Lao 145
rural poverty 10, 22, 158
reduction of 36
rural roads 146
rural skilled and unskilled workers 22, 57, 59
rural/urban dichotomy 49
rural–urban migration 57

sadaqat and zakat 219
sales, exclusive, from farms 267
SAM, see Social Accounting Matrices
Sampoorna Grameen Rozgar Yojana (SGRY) 33, 245, 247, 262
beneficiaries 254
sanitation 197
savings accounts 180, 198
savings–investment imbalance 44, 45
savings of children 180
savings rates 36, 172
Scheduled Caste (SC) 249, 262
educational attainment 258
Scheduled Caste Female (SCL) 262
Scheduled Tribe (ST) 249
school attendance 29, 172
and family size 176–8
school enrolment 25, 140, 141
schooling 130, 132, 135, 153
secondary school enrolment 130
selection bias 228, 272, 284–6
self-consumption goods 6
self-employed workers 49
self-governing institutions 248
self-selection
bias 207, 227
of poor 37
self-targeting 31
services in urban areas 20
severity indices 118
sex-mix of children 180, 181
SGRY, see Sampoorna Grameen Rozgar Yojana
sharecroppers 64, 197
short-term growth effects 135
Sindhi, high poverty 196, 218
single country analysis 124
skilled and unskilled labor 59

skills
acquisition, investment in 68
formation 69
low 15, 60
slum areas 202
smallholder farms 57, 77, 267
Social Accounting Matrices (SAMs)
19, 43, 46, 69
for general dual–dual economy 70–71
incomes 72
system 45
Social Action Program 197
'social capital' 247
in villages 250
social expenditure 16
social indicators of poverty 233–5
social liabilities 254
Social Policy Development Centre 219
social targets 124
social welfare 199
zakat for 30
socio-economic characteristics in
migration 61
socio-economic conditions, worsening
271
socio-economic groups, classification
83
socio-economics chart for zakat receipt
206
solidarity groups as control group 227
sources of data 127–30
South Asia 3, 81
and dual–dual model 63–6, 69
South Asian economies 13
South Asian region 22
South Korea 49
specification, 'ad hoc' 137–42
squared poverty gap 11, 14, 38, 62, 76
Sri Lanka 81
staple food of Filipinos, rice 23
State Bank of Pakistan 30
zakat fund 198
statistical re-adjustments 10
Stifel–Thorbecke model 20, 21, 48, 67, 72
stochastic frontier approach 274
stock and poverty 25
stratification sampling for villages 262
structural change 148
Index

structural path analysis 84
Structured Adjustment Programs 63
Sub-Saharan Africa 3, 4, 141
and poverty 137
subsidies, reduction in 196
subsistence agriculture 19, 49
substitutability 68
survey data 7
survey instrument 238–40

targeting effectiveness 33, 194
targeting efficiency
of zakat system 37, 202
tariff-equivalent of a quota 100
tariff liberalization 61, 73
tariff rates reduction 12, 21, 61, 73, 77, 78
tariff reform in India 65–6
tariff removal 19
tariffs on rice imports 23
tax rate, indirect 96, 101, 196
taxation 102
technical advice 266
technological dualism 68
technological know-how 126
technologies 268
of best practice 34
diversity of 48
television ownership 250
tenancy contracts 64
textiles sector in South Korea 49
Thai data 274–9
Thailand 2, 28, 171
and contract farming 267
a developed economy 36
as trading partner of Lao 149
population 172
rice farming 34–6
Thai organic rice farmers 18, 272–99
theft, outright 245
Theil index 128, 135, 137
Thorbekke, Eric 19
time horizons 13
time periods, different 125
total factor productivity (TFP) 126
traceability systems for food 271
tractors 246
trade deficit 44
trade liberalization 18, 22, 23, 78, 196
impact on poverty 21, 42
in South Asian economies 64
trade policy experiment 61
trade policy reform 22
trade reform 36, 81
trade unions 11
trader factories 34–5
trainability, variation in 69
transaction cost reduction 290
‘transfer income’ zakat 199, 200
transfer payments 45
transfer scheme (zakat) 11
transformation function 94
transmission mechanism 23
transport costs in Lao PDR 26
‘trickle down’ approach 126, 130–35
tropical areas 145
2000 Agriculture Census 197
unemployment 46, 204
equilibria 43
University of Texas Inequality Project (UTIP) 142
unreserved (UR) 262
unskilled, rural 77
urban capitalists 57, 60
urban communities 202
urban formal sector 79
urban household groups 24, 106
urban informal sector 20, 50, 56, 77
urban poverty rates 10
urban/rural 14
labor 59
migration 60, 73, 81
poor 7
urban services 51, 57, 61
urban slums 16
urban unskilled 22, 59
USAID 191
use value to dwellings 12
Uttar Pradesh, India 245–65
targeting rural poor 33–4
vaccination for children 233, 238
value inflation 245
Vietnam 3
village attributes 27, 153, 227
village-banking program, Thailand 227
village councils (Gram Panchayat) 248, 249
village governments 247
   in India 33
village residents and poor
   identification 258
vulnerability and family size in
   Philippines 171–93

wage determination 81
wage employment 14
wage income 57
   of mothers 185–6
   of parents, Philippines 184–6
wage labor 65
wages 61
   and employment in South Asia 64
   decline 20, 116
wage-setting behavior patterns 64
Walras statistics 142
Walrasian fundamentalism 42, 43
Walrasian tradition 44
water in production 94
water supply 27, 99, 197
wealth ranking 253
wealth tax (zakat) 11
welfare angles 11
welfare measures 32
welfare status 171
well-being of people 197
wet season access to roads 27, 152,
   156–8, 163

women 34
   in Scheduled Caste categories 249
   in Scheduled Tribe categories 249
   in work 172
workers’ rights 64
World Bank 8
   estimate of rural poverty 158, 159
   estimates 7
   headcount index of poverty 37
   poverty reduction underestimate 38
World Development Indicators 128

zakat, Islamic concept of charity
   29–31
   definitions of independent variables
      209
   favoritism 218
   funds disbursement 194, 204–5
   funds, leakage of 210–11, 218
   geographical distribution 201
   in Pakistan 18, 36, 194–221
   private sources 31
   recipients and beneficiaries 201
   targeting program 198–214
zakat committees 30
   committees of volunteers 199
   and influential local persons 31
zakat-receiving households 197
zero import quota 111
zero income 11