

Contents

<i>List of Figures</i>	vii
<i>List of Tables</i>	viii
<i>List of Abbreviations</i>	xi
<i>Preface</i>	xii
<i>About the Book</i>	xvi
<i>Acknowledgements</i>	xviii
1 Introduction	1
1.1 The overview	1
1.2 FDI theories and hypotheses: a brief taxonomy	2
1.3 Motives	13
1.4 The current international economic environment	15
1.5 Japanese FDI flows	17
1.6 The present study: context and motivation	22
1.7 Design and methodology	25
2 Japanese FDI Outflows	27
2.1 Introduction	27
2.2 Different waves in Japanese FDI	28
2.3 Developed and developing countries	33
2.4 Japanese FDI flows in Asia	43
2.5 Japanese investment in industry	51
2.6 A summary profile	59
3 Japanese Investors' Perceptions of Location Advantages	63
3.1 Introduction	63
3.2 Methodology	65
3.3 Investors' perception of India, China and East Asia: motives and preferences	68
3.4 Constraints	70
3.5 Companies investing outside but not in India	86
3.6 Results of the logit model	88
3.7 Concluding remarks	90

4	Japanese Domestic Companies' Perception for Investment Abroad	95
4.1	Introduction	95
4.2	Internalization and internationalization process models	96
4.3	Principal determinants of international orientation	101
4.4	Model results	103
4.5	Japanese domestic companies' perception for international orientation	104
4.6	Concluding remarks	108
5	Determinants of Japanese FDI Flows	111
5.1	Introduction	111
5.2	Main goals	114
5.3	Determinants of FDI and literature survey	115
5.4	The model – construction of variables and the method of estimation	127
5.5	Econometric results and interpretation	129
5.6	Conclusions	137
5.7	Prospects	138
6	Conclusions	140
6.1	The motivation	140
6.2	Emerging trends in the environment for FDI	142
6.3	Results: investors' perceptions	146
6.4	Quantification of the ratings	150
6.5	Econometric modelling of the determinants of Japanese FDI	151
6.6	Perspectives and challenges	152
	<i>End Notes</i>	157
	<i>Technical Annex</i>	173
	<i>References</i>	181
	<i>Index</i>	197

List of Figures

Figure 2.1	Japanese FDI outflows	31
Figure 2.2a	Japanese FDI flows in developed and developing countries	35
Figure 2.2b	Share of developed and developing countries	35
Figure 2.3	Flows of Japanese FDI in different regions	41
Figure 2.4	Shares of the different regions	42
Figure 2.5	Japanese FDI flows in Asia	44
Figure 2.6	Japanese FDI flows in NIEs	47
Figure 2.7	Japanese FDI flows in ASEAN-4	49
Figure 2.8	Japanese FDI flows in China and India	51
Figure 2.9	Japanese FDI in industry	52
Figure 2.10	Share of manufacturing and non-manufacturing investment in the total	54
Figure 2.11	Japanese FDI in industry in Asia	58
Figure 2.12	Japanese FDI in China and ASEAN-4	62
Figure 5.1	Average Japanese FDI to GDP ratio	114
Figure 5.2	Average per capita GDP	117
Figure 5.3	Average per capita Japanese FDI	117
Figure 5.4	Trade density with Japan	120
Figure 5.5	Average ratio of gross domestic capital formation to GDP	121
Figure 5.6	A comparative picture of average monthly wages	122

List of Tables

Table 1.1	Ownership, location and internalization (OLI) approach	9
Table 1.2	Dynamics of Japanese FDI flows	21
Table 2.1	Japanese FDI flows: global – wave-wise comparison	32
Table 2.2	Japanese FDI flows in developed and developing countries – an inter-period comparison	34
Table 2.3	Region-wise average annual flows in different periods	38
Table 2.4	Japanese FDI outflows – region-wise: levels, growth rates	39
Table 2.5	Japanese FDI outflows – percentage shares of the regions	40
Table 2.6	Japanese FDI in Asia – annual averages	44
Table 2.7	Japanese FDI in the NIEs	46
Table 2.8	Japanese FDI in ASEAN-4	48
Table 2.9	Japanese FDI in China and India – a contrasting picture	50
Table 2.10	Japanese FDI outflows in industry	53
Table 2.11	Japanese FDI in manufacturing and non-manufacturing	55
Table 2.12	Japanese FDI in top sectors	56
Table 2.13	Period-wise percentage share of Japanese investment in industry in Asia	59
Table 2.14	Average annual Japanese FDI flows in China and ASEAN-4	62
Table 3.1	Business preference for India <i>vis-à-vis</i> China and East Asia: over-all parametric values of mean and standard deviation	70
Table 3.2	The position of physical infrastructure	71
Table 3.3	Rating of infrastructure: India compared to NIEs, ASEAN-4 and China	73
Table 3.4	Rating of the public administration by investors: India compared to China and East Asia	76
Table 3.5	Degree of adoption of JMT in India, China and East Asia	80

Table 3.6	Impediments to the adoption of JMT in India, China and East Asia as reported by the investors	82
Table 3.7	Average ratings of the control system in India compared to the countries of East Asia and China	84
Table 3.8	Un-weighted and weighted means and S.D. relating to the perceived bottlenecks	87
Table 3.9	Correlation matrix: business environment variables	88
Table 3.10	Main results of the logit model	89
Table 4.1	Model results: dependent variable – overseas sales ratio (OSR)	103
Table 4.2	Reasons for not investing outside Japan	104
Table 4.3	Business objectives from the countries	105
Table 4.4a	Perception of domestic companies for investment abroad	107
Table 4.4b	India <i>vis-à-vis</i> China and East Asia – mean and S.D. of the rating	107
Table 5.1	Selected economic characteristics – overall annual averages	113
Table 5.2	Determining variables	116
Table 5.3	Average ratings of the economic incentives in the host countries by Japanese investors investing in Asia	124
Table 5.4	Parameter estimates for Japanese FDI flows: NIEs	130
Table 5.5	Parameter estimates for Japanese FDI flows: NIEs + China	131
Table 5.6	Parameter estimates for Japanese FDI flows: ASEAN-4	132
Table 5.7	Parameter estimates for Japanese FDI flows: ASEAN-4 + China	132
Table 5.8	Parameter estimates for Japanese FDI flows: ASEAN-4 + China + India	133
Table 5.9a	Parameter estimates for Japanese FDI flows: China + India	134
Table 5.9b	Parameter estimates for Japanese FDI flows: China and India separately: OLS	134
Table 5.10	Parameter estimates for Japanese FDI flows for all ten countries	135
Table 5.11	Restricted models: results	136
Table 6.1	Measures of country attractiveness: NIEs-4, ASEAN-4 <i>vis-à-vis</i> China	153

End note tables

Table 3A.1	Market-seeking FDI: case of India- distribution of responses according to the objectives of investment	160
Table 3A.2	Problems in investment environment – top five problems	162
Table 5.A1	Variables, definitions and data sources	164
Table 5.A2	Monthly wages paid by the Japanese companies	165
Table 5.A3	Selected economic characteristics: NIEs, ASEAN 4, China and India	166
Table 5.A4	FDI regimes: some stylized facts between India and China	171

Technical Annex Tables

Table 3A.1a	Logit model for interest to invest in India (excluding labour as an explanatory variable)	175
Table 3A.1b	Logit model for interest to invest in India (including labour as an explanatory variable)	175
Table 4A.1	Japanese electronics industry	177