Tables

1.1 2.1	Per labourer growth accounting exercise for India, Indonesia, and Japan 1900-2000 Overview of the effect of human capital on economic growth in an (Augmented) Solow model	5 36
2.1	and type of regression	50
2.2	Overview of human capital coefficients by technique, theory (level or change variable), and type of regression	38
3.1	General sources on educational enrolments used in this study with statistics of Japan, India and Indonesia, 1880-2000	48
3.2	Percentage of total number of students per level of education, sex, and country around 1948	56
3.3	Correction factors for the backward extrapolation with the Barro and Lee (2001) method	64
3.4	A comparison between literacy and total attainment in India and Indonesia, 1891-1951	65
3.5	Private expenditure on education per household category based on the household surveys, 1924-1959 (mln current guilders)	72
4.1	Full-Time Students in Vocational Programs as a percentage of persons enrolled in total general secondary education by select regions of the world, 1950-1990 (number of countries in parentheses)	80
4.2	Enrolment per race in general secondary and vocational education in Indonesia, 1880-1940	88
4.3	Literacy in Undivided India by sex and religion, 1891-1911	103
4.4	An overview of the process of educational development in India, Indonesia, and Japan	113
4.5	Per student expenditure on education in current prices (yen), converted at exchange rate and PPP (Japan is set at 100)	115
5.1	The division of the estimated stock of human capital on the basis of surveys by data, method of estimation.	121
5.2	Overview of the surveys used for the estimation of the human capital stock for India, Indonesia, and Japan in the 1990s	122
5.3	Number of imputations of missing education variables and the average years of education of the entire sample and of the imputed individuals in the household surveys in Japan 1993-2002	123
5.4	Total and per capita stock of human capital and total stock of gross fixed non-residential physical capital in Indonesia, India, and Japan in 1990 international USD, converted at purchasing power parity (PPP)	131
5.5	Yearly appreciation of the per capita stock of human capital by age class in Japan, India, and Indonesia based on surveys in the 1990s	134
5.6	Subjective margins of error in the stock of human capital and some components for India, Indonesia and Japan for 1900-1950 and 1950-2000	144
5.7	Percentage breakdown of the human capital stock for India, Indonesia and Japan before and after 1950	147
6.1	Estimation of the marginal returns to human capital accumulation	163
6.2	(Augmented) Dickey-Fuller test for India, Indonesia, and Japan, 1890-2000 (I(0))	169
6.3	(Augmented) Dickey-Fuller test for India, Indonesia, and Japan, 1890-2000 (I(1))	169
6.4	Engle-Granger test: (Augmented) Dickey-Fuller test on the residual of the cointegrating regression $\ln y_t = \alpha + \beta \ln h_t + \gamma trend + \varepsilon_t$.	170
6.5	(Augmented) Dickey-Fuller test for India, Indonesia, and Japan, 1890-2000 (human capital proxied by <i>average years of education</i>)	172
6.6	Results from a macro-Mincer equation for India, Indonesia, and Japan 1890-2000 using 'average years of education' as estimates of the growth and level of human capital	174
7.1	Estimation of the effect of the growth of human capital on economic growth in India and Indonesia over the twentieth century	184

7.2	Estimation of the effect of the growth of human capital on economic growth in Japan over the twentieth century	185
7.3	Estimation of the effect of human capital in India between 1892 and 1990, corrected for breakpoints	196
7.4	Estimation of the effect of human capital in Indonesia between 1892 and 1992, corrected for breakpoints	197
7.5	Estimation of the effect of human capital in Japan between 1896 and 1990, corrected for Breakpoints	197
7.6	Conversion of the coefficients of the growth $(\Delta ln h_{t-1})$ of human capital (dynamic model)	199
	to the coefficients of $\Delta ln h_t$ (static model)	
7.7	Coefficients of the growth of per capita stock of human capital, converted to a static model, and the coefficients of the growth of per capita physical capital. Both are presented in a regression with the standard GDP and with GDP corrected for total human capital accumulation for India, Indonesia, and Japan.	204
7.8	Increase in GDP when corrected for human capital formation in Indonesia, India, and Japan, 1890-2000 using the expenditure approach	206
7.9	Education level of indigenous employees in the metal industry in Soerabaja in 1926	211
8.1	Human capital structure in Japan, India, and Indonesia in the 20 th century	224
8.2	Simulation effect human capital in India and Indonesia compared with Japan, 1890-1940	226
8.3	Simulation effect human capital in India and Indonesia compared with Japan, 1950-2000	227
	Expenditure and wages of Europeans and Indonesians in Indonesia, 1942-1945	238
A.1.2	Real (1913) daily wages for craftsmen and labourers and CPI for Japan, India, and Indonesia, 1870-2000	239
A.2.1	Basic statistics of India, Indonesia, and Japan, 1890-2000: GDP and Gross Fixed Non-Resident Capital Stock (1990 International USD); the Gross Fixed Non-Residential Capital Stock for Indonesia also in current Rupiah, population, and persons employed.	ial 243
A.3.1	• Exchange rates and PPPs of India and Indonesia per 100 Japanese Yen, 1913-1990	250
A.4.1	Overview of the main household expenditure surveys in Java/Indonesia, 1885-1960	253
A.4.2	• Total household consumption expenditure per household category (%)	254
A.4.3	Share of household category in total population	255
A.4.4	Indonesian GDP (expenditure approach) in billion current rupiah, 1890-2002	258
A.5.1	Gross Enrolment Ratio per Ethnicity and Level of Education in Indonesia, 1890-1940	262
A.6.1	Enrolments per level of education and sex in Indonesia, 1880-2000	264
A.6.2	Enrolments per level of education and sex in India, 1880-2000	267
A.6.3	Enrolments per level of education and sex in Japan, 1880-2000	270
A.7.1	Attainment (%) and per capita Average Years of Education in the population of 15 years and older	273
A.8.1	Public and private expenditure on education in Japan, current Yen	276
A.8.2	Public and private expenditure on education in Indonesia, current Rupiah	279
A.8.3	Public and private expenditure on education in India, current Rupee	282
A.9.1	Investment in human capital in Japan (billion constant 1990 USD)	285
A.10.	¹ Investment in human capital in Indonesia (billion constant 1990 USD)	288
A.11.	1 Investment in human capital in India (billion constant 1990 USD)	291
	1 Human Capital Stock in Asia in billion constant 1990 USD	294
A.13.	1 Comparison between GDP in current prices with and without human capital formation in Indonesia using the expenditure approach	298

- A.13.2 GDP (expenditure approach) corrected for human capital in billion current rupiah in Indonesia, 300 1890-2000
- A.13.3 GDP corrected for Gross Human Capital Formation in Japan, India, and Indonesia 1890-2000 in 302 1990 International USD, converted at PPP (millions)