

CONTENTS

List of contributors	7
List of figures	8
List of tables	10
List of appendices	12
Editors preface	13
Introduction	15
Ad VAN DER WOUDE	
1. Relative prices, forms of agrarian labour and female marriage patterns in England, 1350-1800 Richard SMITH	19
2. Why was Scottish nuptiality so depressed for so long? Michael ANDERSON	49
3. Marriage and economic conditions at the West European periphery: Ireland, 1600-2000 Liam KENNEDY	85
4. Marriage and economic conditions since 1700: the Belgian case Isabelle DEVOS	101
5. Access to marriage in the East Ardennes during the 19th century George ALTER, Michel ORIS	133
6. Economic opportunities and age at marriage: an analysis of 19th-century micro data for the Netherlands Frans VAN POPPEL, Jan NELISSEN	152
7. Marriage in Twente: nuptiality, proto-industrialisation and religion in two Dutch villages, 1800-1900 François HENDRICKX	179
8. Marriage and the early modern state: the Norwegian case Solvi SOGNER	203
9. Marriage and economic change in Sweden during the 18th and 19th century Christer LUNDH	217
10. Marriage and economy in rural Westphalia, 1750-1870: a time series and cross-sectional analysis Georg FERTIG	243
11. The development of regional patterns of nuptiality in 20th-century Europe Theo ENGELEN	273
Conclusions	289
Michael ANDERSON	

LIST OF FIGURES

- 1.1 Changes in English fertility, 1541-1901: quinquennial GRRs
- 1.2 Compound annual growth rates, 1541-1871
- 1.3 Changes in mortality, 1541-1901: quinquennial e_{0s}
- 1.4 Estimated crude first marriage rates compared with gross reproduction rates
- 1.5 Homeostasis on a demographic map
- 1.6 Mean age at first marriage, decennial data
- 1.7 Mean age at first marriage in twenty-six reconstitution parishes
- 1.8 Celibacy and age at marriage in cohort fertility
- 2.1 Percentage of males never married by age-group, Scotland and England/Wales, 1851-1991
- 2.2 Percentage of females never married by age-group, 1851-1991
- 2.3 Percentage of men and women never married, ages 20-24 and 45-49, 1861
- 2.4 Percentage of men and women never married, ages 75-84, 1851
- 2.5 Mean age at marriage, 1700-1995
- 2.6 Nuptiality and fertility indicators, selected countries of Europe, 1910
- 2.7 I_m , 1881
- 2.8 Natural increase by net migration, 1861-1911
- 2.9 Twenty-year outcomes for cohort aged 15-19 and resident in 1861, men
- 2.10 Twenty-year outcomes for cohort aged 15-19 and resident in 1861, women
- 2.11 Sex ratio at ages 25-34 and proportions never married at ages 25-34, 1851-1931
- 2.12 Percentage never married by sex ratio, ages 25-34, 1851
- 2.13 Percentage never married by sex ratio, ages 45-54, 1851
- 2.14 Median age at marriage by sex ratio, ages 25-34, 1891
- 2.15 Female by male median age at marriage, 1891
- 3.1a Population of Ireland, 1600-1991
- 3.1b Population growth rates, 1600-1991
- 3.1c Population growth, 1600-1991
- 3.2 Relative population size, 1601-1911
- 3.3 Non-marriage of women, 1841-1911
- 3.4 Non-marriage of women, 1851-1966
- 3.5 Mean age at marriage, women
- 4.1 Real wages of agricultural workers and linen weavers, expressed in liters of wheat, Flanders
- 4.2 Age at first marriage of men and women
- 4.3 I_m , Antwerp, East Flanders and West Flanders, 1796
- 4.4 I_m , 1900
- 4.5 I_g , 1900
- 4.6 Map of Belgium, provinces and arrondissements, 1840-1919
- 5.1 Average at first marriage by sex, Sart, 1812-99
- 5.2 Proportion married in the age group 25-34 by sex, 1812-99
- 5.3 Evolution of the sex ratio among never-married, ages 20-39, 1812-99
- 5.4 I_m , 1812-99

- 5.5 Children surviving in cohabitation with their parents by sex, 1812-1900
- 5.6 Price series, 1812-99
- 7.1 Map of the three regions of the province of Overijssel, 1850
- 7.2 Borne, Wierden and the three main cities of Twente, 1850
- 7.3 Population growth, Borne and Wierden, 1811-1911
- 7.4 Population growth, Borne, Wierden and the three main cities of Twente, 1818-1909
- 7.5 Gross marriage, birth and death rates, Borne, 1811-1911
- 7.6 Gross marriage, birth and death rates, Wierden, 1811-1911
- 7.7 Population pyramids, Borne, 1879-1909
- 7.8 Population pyramids, Wierden, 1879-1909
- 9.1 Proportion of never married men and women, ages 45-49, Sweden, 1750-1900
- 9.2 Crude marriage rates, 1650-1900
- 9.3 Mean age at first marriage, 1620-1870
- 9.4 Male/female mean age at first marriage, 1901-10
- 9.5 Singulate mean age at first marriage, 1751-1900
- 9.6 Mean age at marriage, 1700/05-1890/94
- 9.7 Lagged real wages of agricultural workers, 1750-1900
- 9.8 Proportion of men and women, ages 20-29, 1750-1900
- 9.9 Sex ratio, 1750-1900
- 9.10 Mortality of men over age 50, 1750-1900
- 10.1 Kreise and parishes, Westphalia
- 10.2 Observations not used in distributed lag regressions
- 10.3 Regression results at different levels of aggregation
- 10.4 Regression results interacted with time
- 10.5 Regression results with cross-sectional variables, 18th century
- 10.6 Regression results with cross-sectional variables, 19th century
- 11.1 Development of nuptiality and marital fertility, selected European countries, 1900-80
- 11.2 I_m , 1900-80

LIST OF TABLES

- 2.1 Numbers of men and women never married by age group, Scotland and England/Wales, 1851-1991
- 2.2 Mean ages at first marriage, 1855-1990
- 2.3 Sex ratio and I_m , 1841-1961
- 2.4 Population change, 1755-1901
- 2.5 Mean ages at marriage, 1860-62 to 1960-62
- 2.6 Percentage of men and women never married, ages 45-54, 1851-1961
- 2.7 I_m , 1851-1961
- 2.8 Median ages at marriage, 1860-62 and 1910-11, and sex ratios at ages 25-34, 1861 and 1911
- 2.9 Twenty-year marriage and migration/mortality outcomes for cohorts aged 15-19, 1841 and 1861
- 4.1 Age at first marriage by professional category, Evergem
- 4.2 I_m , Belgium, Germany, France and the Netherlands, 1840-1910
- 4.3 Household density, 1670-1900
- 5.1 Various measures of mean age at first marriage and proportion married, Sart, 1812-99
- 5.2 Means of covariates used in the event history analysis
- 5.3 Estimated relative risks of marriage and migration by sex for never-married persons, ages 18-39, 1812-1900
- 6.1 Number of marriages per municipality, Netherlands
- 6.2 Two-stage least squares estimation result for first marriage, 1811-1912
- 6.3 Two-stage least squares estimation result for first marriage, 1861-90
- 6.4 Two-stage least squares estimation result for per capita national income by subgroup, 1861-90
- 6.5 Two-stage least squares estimation result for the price of wheat in Arnhem by subgroup, 1861-90
- 7.1 Sex ratio's, Borne and Wierden, 1818-1909
- 7.2 Proportions never married, 1818-1909
- 7.3 I_m , Borne, Wierden, Overijssel and the Netherlands, 1879-1899
- 7.4 Age at first marriage for men and women by community
- 7.5 Mean ages at first marriage in comparison
- 7.6 Distribution of men's occupation at marriage
- 7.7 Age at first marriage for men and women by occupational category
- 7.8 Age at first marriage for men by occupational category and community
- 7.9 Age at first marriage for women by occupational category and community
- 7.10 Mean age at first marriage by religion and community
- 7.11 Age at first marriage for women by community and interval between marriage and first birth
- 7.12 Age at first marriage for women pregnant at marriage by religion and community
- 8.1 Average annual population increase, Nordic countries, 1735-1800, 1801-1900

- 8.2 Proportions of single women by age, 18th century
- 8.3 Illegitimacy rates, 1751-1820
- 8.4 Household structure of farmers and cottars, 1780, 1787 and 1801
- 8.5 Mean age at first marriage of farmers and cottars, 1733-80, 1781-1828
- 9.1 Mean age at first marriage, 1861-1990
- 9.2 Mean age at first marriage, 1646-1860
- 9.3 Age distribution of men and women, first marriages, 1646-1860
- 9.4 Singulate mean age at first marriage, 1751-1900
- 10.1 Regression results at different levels of aggregation, Westphalia
- 10.2 Regression results for different categories of marriages
- 10.3 Regression results interacted with time
- 10.4 CE values by parish, period and regressor
- 10.5 Cross-sectional variables, family forms and servant rates, 18th century
- 10.6 Regression results interacted with cross-sectional variables, 18th century
- 10.7 Cross-sectional variables, per-capita wealth, inequality and entitlement rate, 18th century
- 10.8 Correlations of cross-sectional variables, 18th and 19th centuries
- 10.9 Regression results interacted with cross-sectional variables, 19th century
- 11.1 Percentage of females single, various ages, selected European countries

LIST OF APPENDICES

- 4.1 Crude marriage rates, Flemish countryside, 1670-1915
- 4.2 Crude marriage rates, Belgian provinces, 1803-1850
- 4.3 Women's age at first marriage, Flanders/Brabant
- 4.4 Women's age at first marriage, Walloon localities
- 4.5 Average age at first marriage, Flemish localities, 1765, 1796 and 1840
- 4.6 Age at first marriage, Flemish localities
- 4.7 Age at first marriage, Belgium, 1852-1995
- 4.8 Women's age at first marriage, Belgian provinces, 1862-1930
- 4.9 I_m , West and East Flanders
- 4.10 I_m , Flemish localities
- 4.11 I_m , Belgium, 1846-1970
- 4.12 I_m , Belgian provinces, 1806-1970
- 4.13 Percentage of single women at age 50, East Flanders
- 4.14 Percentage of people never married at age 50, East Flanders
- 4.15 Percentage married and unmarried, Flanders, 1796-98
- 4.16 Percentage of persons never married at age 50, 1829-1947
- 4.17 Percentage of single women aged 50, Belgian provinces, 1866-1970
- 4.18 Marital status life tables for Belgian male cohorts born 1888-1945 and 1975
- 4.18 Marital status life tables for Belgian female cohorts born 1888-1945 and 1975
- 9.1 Mean age at first marriage by sex, Swedish counties, 1901-10
- 9.2 Regressions, 1750-1900
- 9.3 Pairwise Granger Causality Test