At present there is no unified treatment, drawing together models to allow a consistent and reliable set of migration flows, across countries. This text seeks to do exactly that, potentially improving policies, planning and understanding about migration processes worldwide, via the presentation of migration estimation and modeling techniques. These modeling techniques are explored from both frequentist and Bayesian perspectives. The vital concepts such as missing data and collection methods (and their possible harmonization) are discussed in depth, and there are whole chapters dedicated to both modeling asylum flows and forecasts about the future of international migration.

ABOVE THE AUTHOR

James Raymer, Division of Social Statistics, School of Social Sciences, University of Southampton.

Having taught or carried out extensive research in the field of migration for the last 10 years, Dr Raymer is well respected amongst the community. He has published numerous papers in a variety of international journals and has conducted many professional presentations on this field by invitation.

Frans Willekens, Netherlands Interdisciplinary Demographic Institute (NIDI), The Hague. Director of NIDI, Professor Willekens is renowned as one of the best names in migration, and a leader in statistical approaches in the field.
FEATURES

• Uses the example of migration in Europe to illustrate migration estimation and modeling tools.

• Draws together modern statistical approaches to provide a consistent set of migration flows and allow a unified system of migration measurement for the first time.

• Discusses migration estimation within the framework of missing data and illustrates how Bayesian statistics can contribute to solving practical data problems in the field of international migration.

• Each chapter to be written by one of the leading researchers working in migration data and models.

• Explains models needed to estimate migration flows from both frequentist and Bayesian perspectives.

• Discusses both current estimates of international migration and forecasts for the future.

• Includes chapters on migration forecasting and modeling asylum flows, both of which are extremely important for policy and planning.

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