

# Preface

In Borchers et al. (2002), a unifying framework was given for the plethora of methods for estimating the abundance of closed populations of animals. In Chap. 13 of that book, the bare bones of an approach to provide similar unification for open populations were provided. Here, we seek to put flesh on those bones. Our aims are to lay down an approach for defining and fitting a wide range of population dynamics models for those new to the field and to provide some coherence to the process of modelling population dynamics for more experienced practitioners.

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Modelling Population Dynamics

Model Formulation, Fitting and Assessment using  
State-Space Methods

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