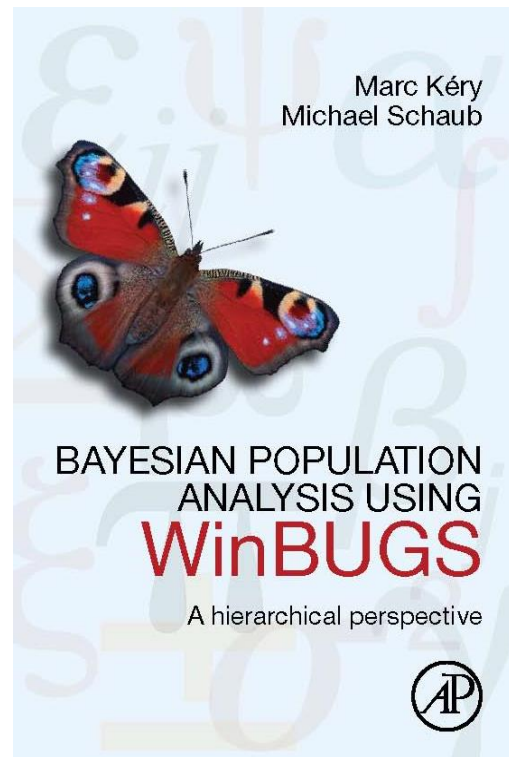


Bayesian integrated population modeling (IPM) using JAGS

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Workshop
University of Aberdeen, Scotland
25 – 29 June 2018

Model of a Program

Morning: 9-13h, **lunch break around** 13-14h, **afternoon:** 14-17h, incl. **two breaks** of 30' each around 10.30h and 15.30h.

Hence, am has 3.5h (210'), pm has 2.5h (150'), day total 360'.

Monday

am/pm	Module	Topic	Reading	Duration
am	1	Short Intro to modeling of population dynamics (MK)	---	60
-	2	Introduction to Hierarchical Models (HMs) (MK)	AHM2	100
-	3	Bayesian and likelihood analysis of statistical models (MK)	AHM2	200

Tuesday

am	4	Introduction Bayesian hierarchical modeling software JAGS: linear models, GLMs and HMs (MK)	BPA3/4	240
pm	5	Traditional Normal-Normal state-space models (MS)	BPA5	120

Wednesday

am	6	Cormack-Jolly-Seber (CJS) models (CS)	BPA7	210
pm	7	Multi-state and multi-event models (CS)	BPA9	150

Thursday

am	8	Introduction to Matrix projection models (MS)	--	60
-	9	Introduction to Integrated Population models -- IPM (MS)	BPA11	150
pm	10	IPM case studies I (MS)	BPA11	150

Friday

am	11	IPM case studies II (MS)	BPA11	240
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End of workshop: Friday, 29 June at 15.00h