Data S1

R code for generating detection history input, SCR analyses and model evaluation.

Author(s) [of the material provided in DataS1.zip]

Meryl Theng
University of Adelaide
School of Biological Sciences, University of Adelaide, Adelaide, SA 5005, Australia
merytheng@gmail.com

File list (files found within DataS1.zip)

File	Description
R	Sub-directory containing code for data processing, analyses, evaluation and plotting.
R/0_functions.R	R code containing functions for detection simulations, summarizing detection/capture histories, running basic and RSF models and assembling results.
R/1_processMovement.R	R code to process raw data (.csv files) from movement simulations ran in Java and calculating area of use output metrics.
R/2_detectionSim.R	R code to run detection simulations.
R/3_SCRlik.R	R code to run basic and RSF models, and assembling results.
R/4_SCRbayes.R	R code to run transience model. Written to run on HPC.
R/5_Evaluate.R	R code to evaluate SCR models' output.
R/6_Post-hoc.R	R code to run post-hoc analyses referenced in Discussion.
R/7_Plots.R	R code for plots.