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## **Data S1**

### **Program code and data files**

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## **Authors**

Alan E. Gelfand  
Department of Statistical Science  
Duke University  
Durham, NC 27708-0251  
Email: alan@duke.edu

Shinichiro Shirota  
Department of Biostatistics  
UCLA Fielding School of Public Health  
Los Angeles, CA 90095-1772  
Email: shinichiro.shirota@gmail.com

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## **File list (files found within DataS1.zip)**

Covariate\_POGrid.csv  
FusionEffortNNGP.ox  
GridNE80.csv  
GridNE320.csv  
Maximize.oxh  
NewEnglandPA.csv  
ReportMCMC.h

## **Description**

Covariate\_POGrid.ox – covariate surface  
FusionEffortNNGP.ox – main Ox file  
GridNE80.csv – Grids for PA locations  
GridNE320.csv – Grids for PO locations  
maximize.oxh – functions for numerical analysis for Ox

NewEnglandPA.csv – PA data for all species and covariates  
ReportMCMC.h – h file for reporting MCM results

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