

Description of R packages used

The data analysis reported in the paper was carried out using R version 3.3.4. The following is the list of packages, used along with specification of the relevant version of R.

1. geosphere

Version: 1.5–7

Depends: R ($\geq 3.0.0$)

2. plyr

Version: 1.8.4

Depends: R ($\geq 3.1.0$)

3. sp

Version: 1.3–1

Depends: R ($\geq 3.0.0$)

4. survival

Version: 2.44–1.1

Depends: R ($\geq 2.13.0$)

5. cluster

Version: 2.0.8

Depends: R ($\geq 3.3.0$)

6. fdasrvf

Version: 1.8.3

Depends: R (\geq 3.1.0)

7. abind

Version: 1.4-5

Depends: R (\geq 1.5.0)