Appendix C. A selection of current R packages for spatial data analysis

Table C1.   Selected R packages for Movement Ecology

Desired Analysis/Function	Selected Packages
Importing, manipulating, projecting spatial vector data in R	sp, sf, rgeos
Importing, manipulating, projecting raster data in R	raster, velox
Plotting spatial data in R	ggplot2, mapview
Behavioral state analysis in R	moveHMM, bcpa
Manipulating movement data in R	move, adehabitatLT, BBMM, ctmm
Home range estimation in R	adehabitatHR, tlocoh, move, BBMM, ctmm
Habitat selection in R	lme4, adehabitatHR
Connectivity in R	grainscape, gdistance
Dynamic interaction analysis in R	wildlifeDI

Appendix C. - References

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