This chapter covers the complex issue of resource selection and discusses how telemetry data can be used to inform SCR models.

11216: Minor point but this is not always true, some people correct for bias in GPS points (i.e. if the animal is in thick cover the satellite might not pick up the signal)

Frair, Jacqueline L., et al. "Resolving issues of imprecise and habitat-biased locations in ecological analyses using GPS telemetry data." Philosophical Transactions of the Royal Society B: Biological Sciences 365.1550 (2010): 2187-2200.

11222: because this allows “is to allow”

11266: percentage of time “an” individual

11300: this is something that always confuses me about RSFs what is pij? The probability an animal will use pixel X in time period Y? I guess that’s why the pij are *proportional* to exp(*−α*1*d*2

*ij*)*.*

Fig 13.1 doesn’t have a figure legend for the different colors-maybe doesn’t matter

11364: from “a camera trapping study” or from “camera trapping”

Sawyer et al used a similar approach I think in this paper

Sawyer, Hall, Matthew J. Kauffman, and Ryan M. Nielson. "Influence of well pad activity on winter habitat selection patterns of mule deer." The Journal of Wildlife Management 73.7 (2009): 1052-1061.

11376: So can you distinguish between RSF effects and detection effects do to distance from the activity center?

11455: “mode” or model?

Table 13.1 legend line 4 “are” not “rea”

11475 “telemetered” not “telemetered”

11476: maybe “but still don’t know the spatial distribution of the animals” instead of “still don’t know where guys are” the could be girls ☺

11477 Thus “,”

11479 remove “much”

11482 “needed” not “need”

11483 :Cool

11494 : remove “so”

11504 :animals instead of “guys”

11507 “it is” instead of its

11512 “Independently” ? instead of independent?

John Fieberg discusses the autocorrelation issue (or non-issue) extensively in this paper

Fieberg, John, et al. "Correlation and studies of habitat selection: problem, red herring or opportunity?." Philosophical Transactions of the Royal Society B: Biological Sciences 365.1550 (2010): 2233-2244.

11562: conducting not “conducting”