spatially explicit models

Ginnett, Tim <Tim.Ginnett@uwsp.edu>   Fri, Apr 26, 2013 at 3:37 PM
To: "Chandler, Richard" <rchandler@usgs.gov>

Hi Richard, as I mentioned previously I thought the exposition of the model is extremely clear, at least up through page 477, line 15254. At this point it becomes a bit "jargony" if I can make up a word as well as a little lost in the details of BUGS and JAGS. At least it assumes a high degree of familiarity by the reader. You also assume some inside familiarity withWinBUGS, for example in line 15259 "using the so-called"ones-trick", but..." which assumes that of course you know about that old trick! However, I don't know if there is a good way around it without adding 10 more pages.

In this version it appears that you still need to add in the parula results?

I think you could use a short discussion of what problems might be encountered when individual animal movements are correlated amongst themselves as in social species. Does this model explicitly assume that individuals move completely independently of one another?

I did have a question for you. In your opinion would it be better to just count all observations during a session (a 24 hour period say….), even an individual is recorded on the same camera multiple times? Or should we try to avoid counting that animal more than one during an occasion. I'm arguing it both ways in my head and not getting anywhere.

Tim

From: Chandler, Richard [mailto:rchandler@usgs.gov]
Sent: Friday, April 26, 2013 12:53 PM

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