

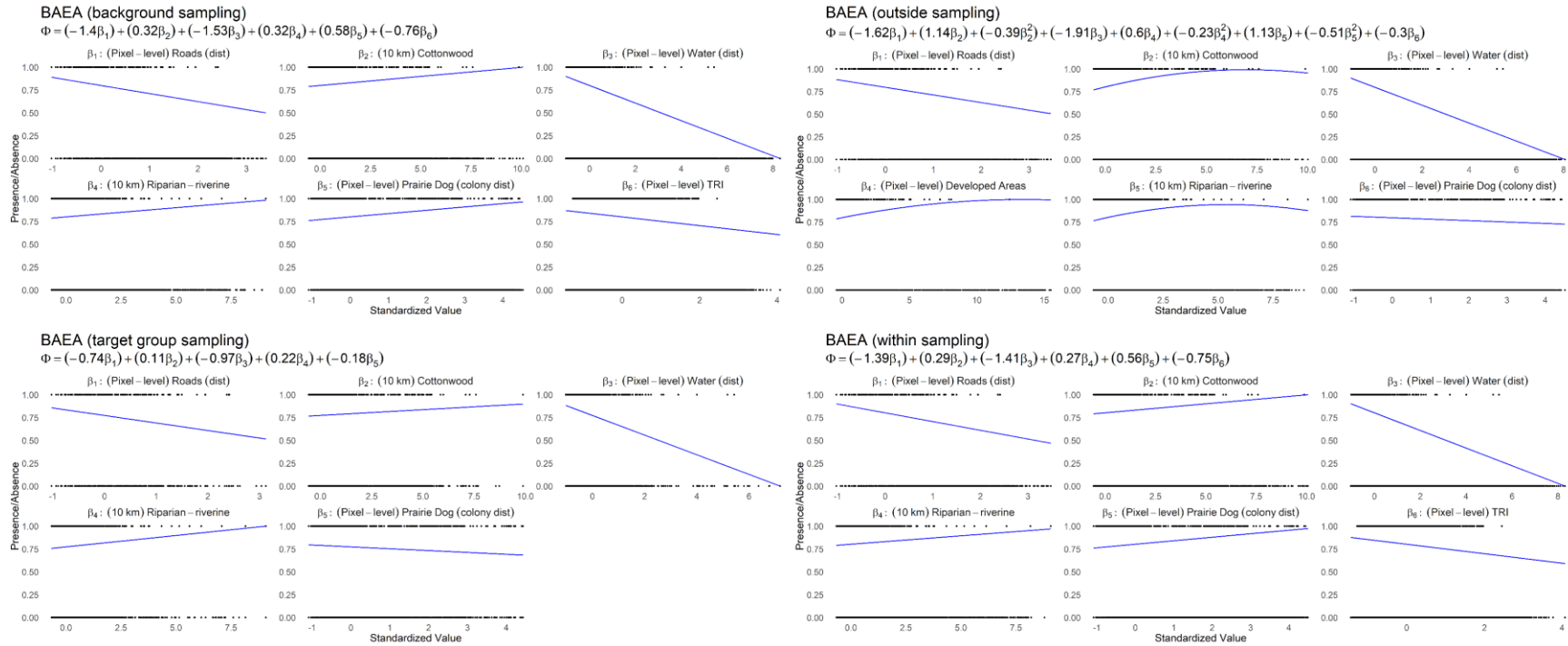
SUPPLEMENTAL MATERIAL 2

NEST DISTRIBUTION OF FOUR PRIORITY RAPTOR SPECIES IN COLORADO

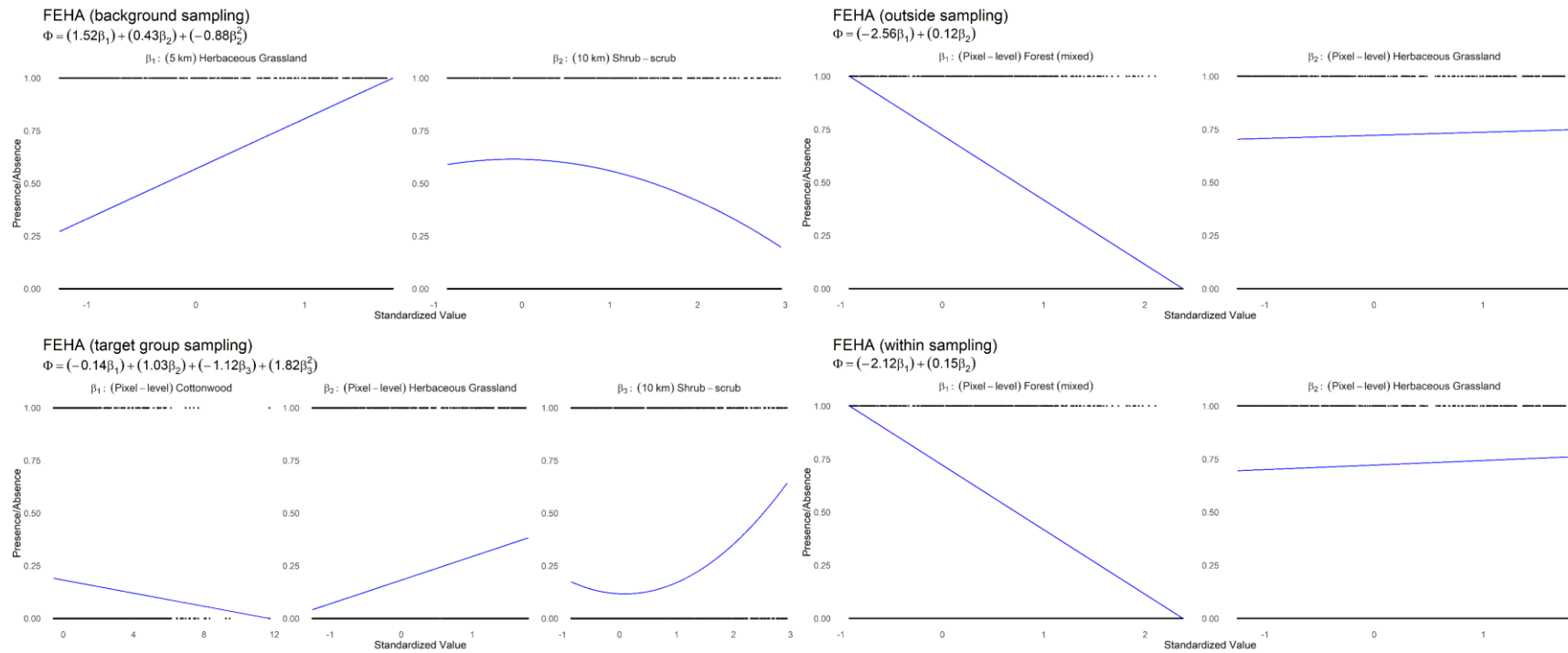
KEVIN AAGAARD, REESA YALE CONREY, AND JAMES H. GAMMONLEY

Colorado Parks and Wildlife, 317 W Prospect Road, Fort Collins, CO 80526 USA

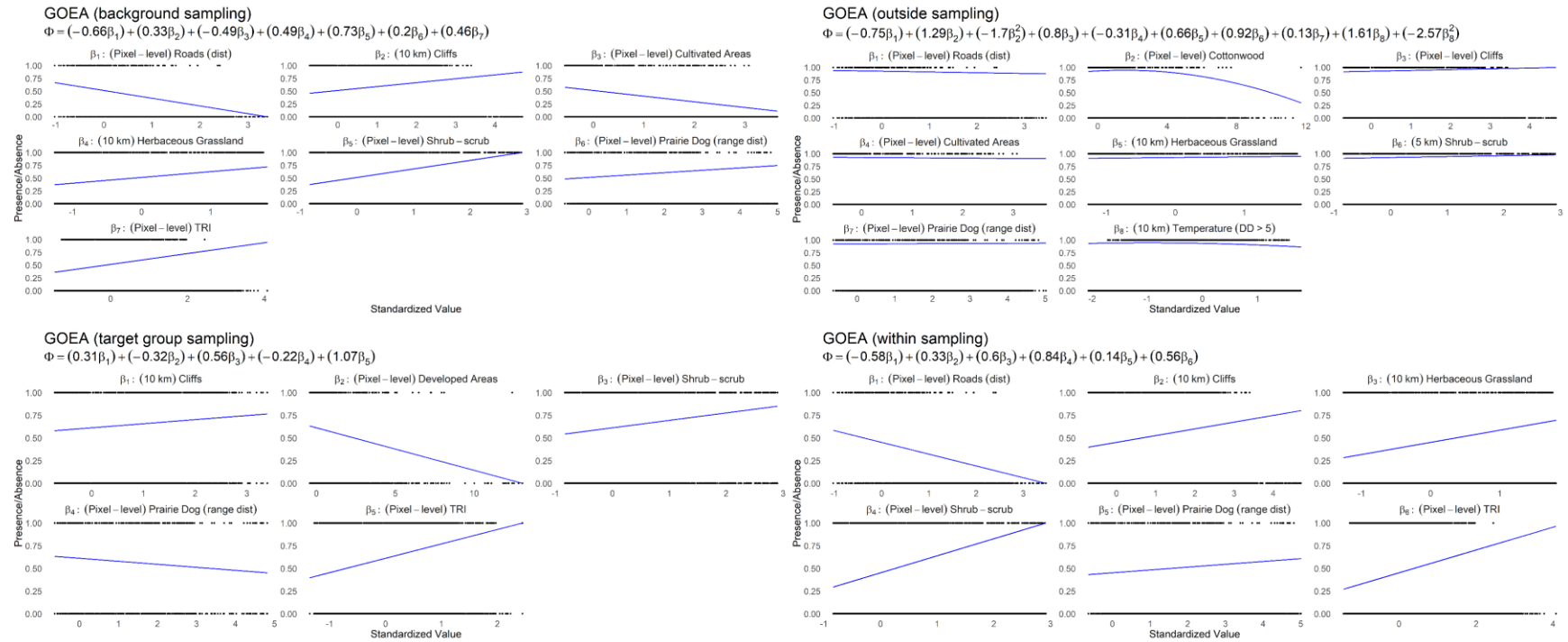
Supplementary Figure 2.1. ϕ is the relative probability of use, each β is a covariate. Blue lines represent the partial regression estimate, taking either a linear form ($y \sim x$) or a quadratic form ($y \sim x + x^2$), depending on the best-fitting association of each covariate to the response. “Pixel-level” is 1 km².



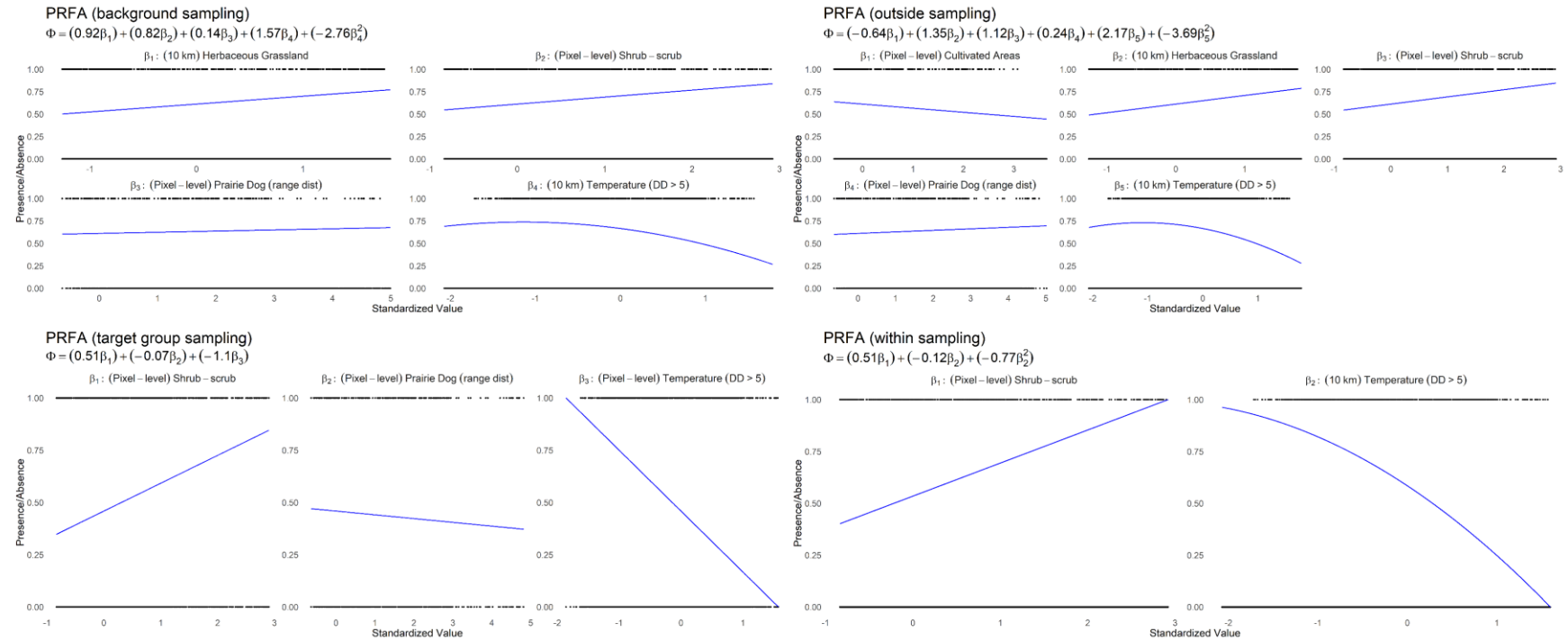
Supplementary Figure 2.2.



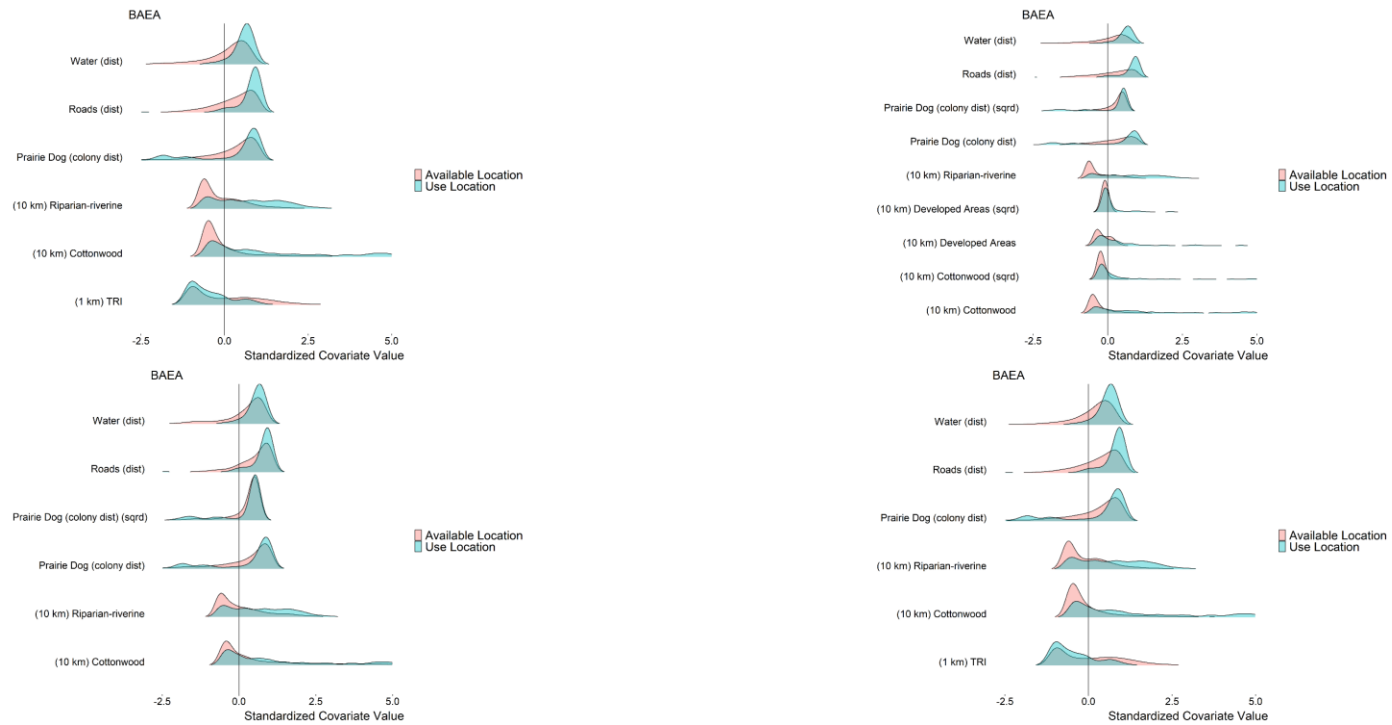
Supplementary Figure 2.3.



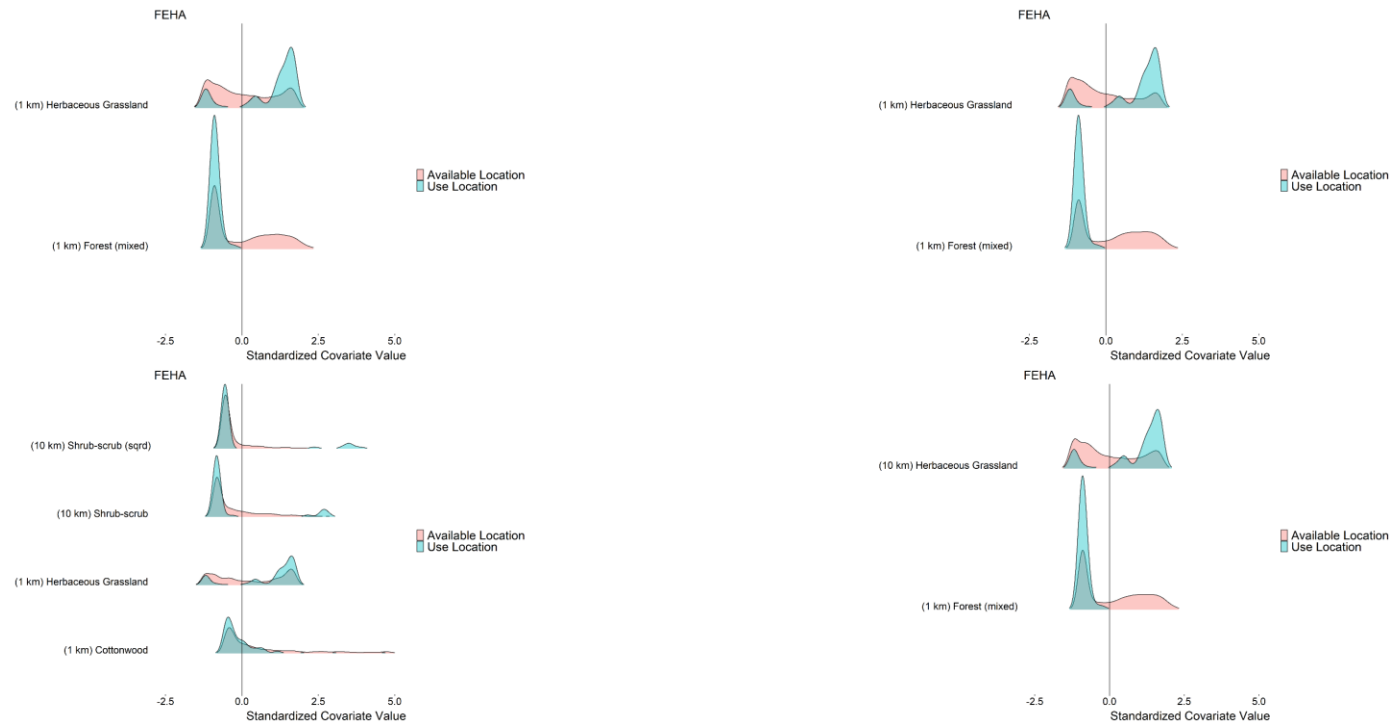
Supplementary Figure 2.4.



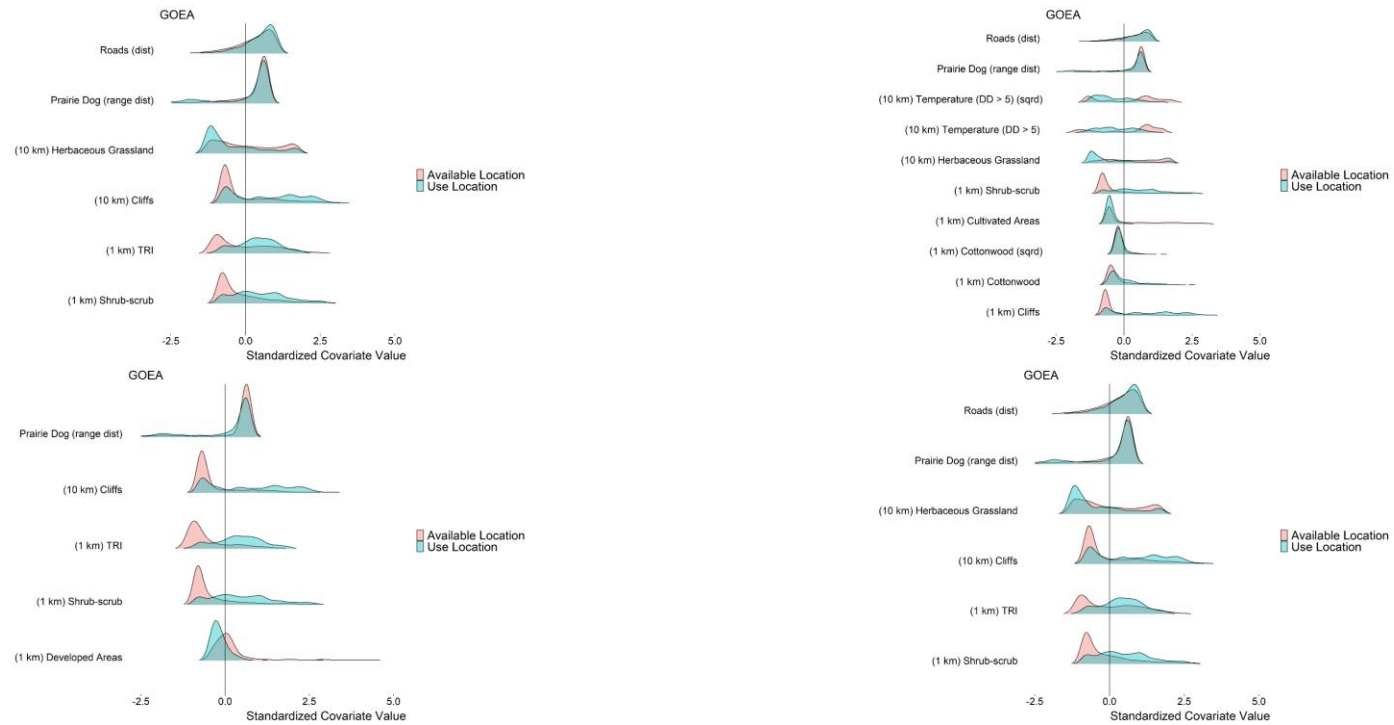
Supplementary Figure 2.5. Bald Eagle (clockwise from top left: background, outside, within, target group)



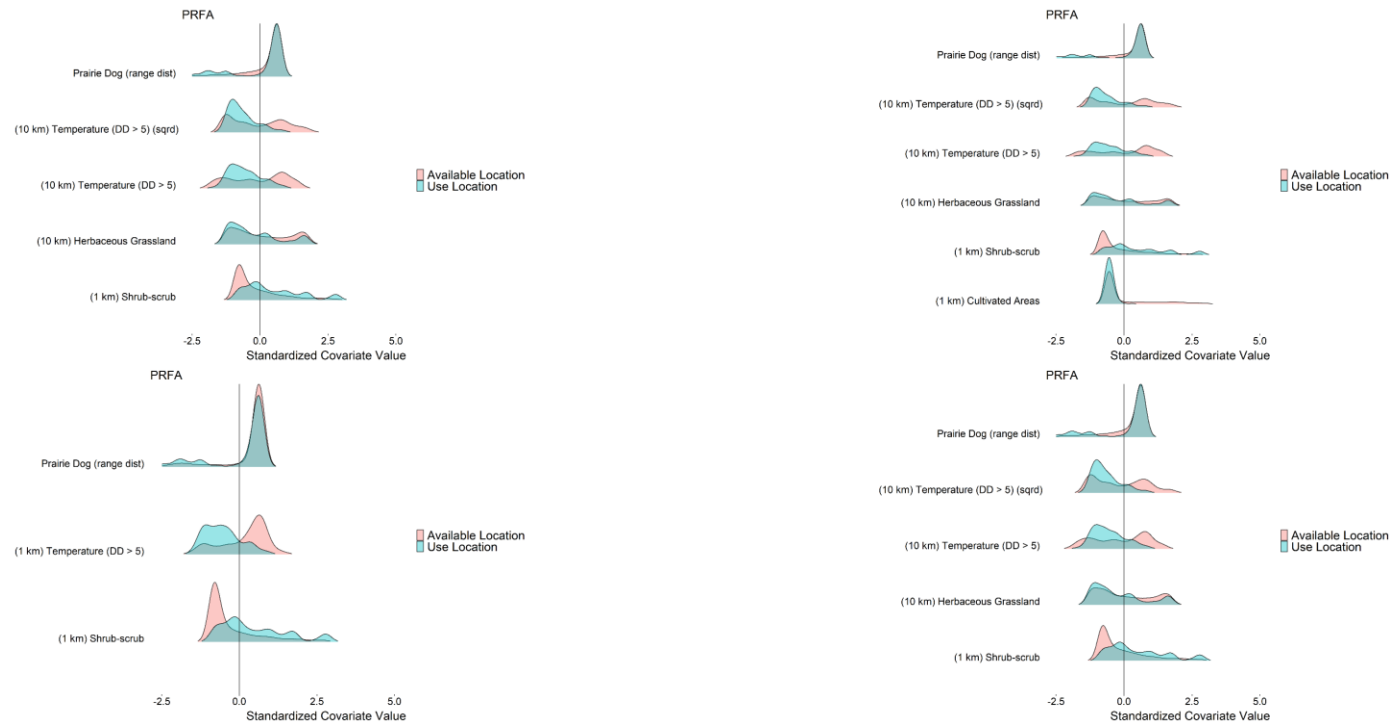
Supplementary Figure 2.6. Ferruginous Hawk (clockwise from top left: background, outside, within, target group)



Supplementary Figure 2.7. Golden Eagle (clockwise from top left: background, outside, within, target group)

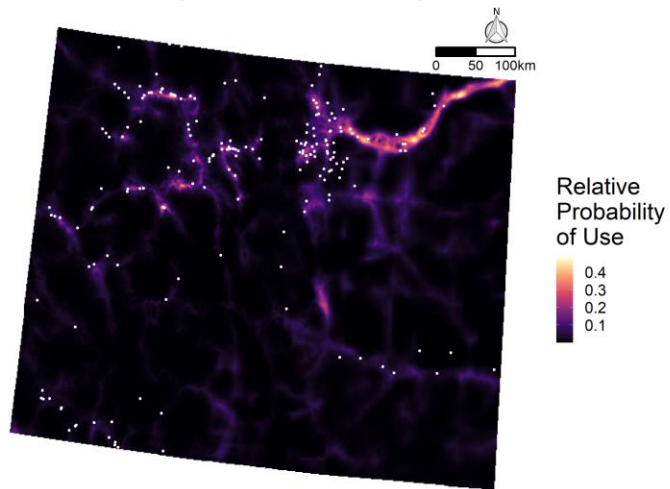


Supplementary Figure 2.8. Prairie Falcon (clockwise from top left: background, outside, within, target group)

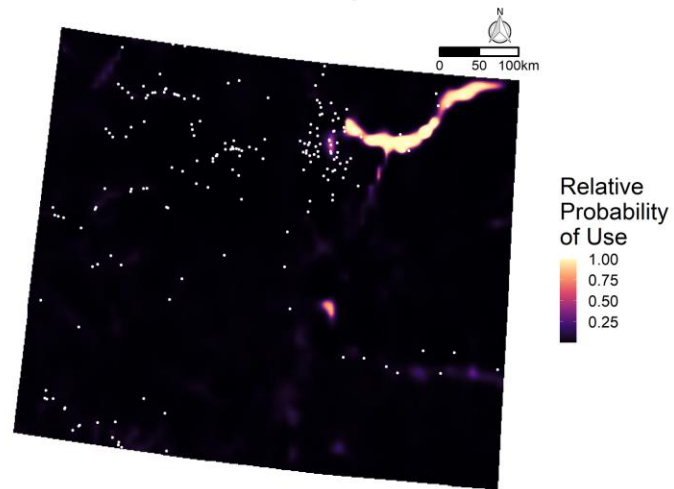


Supplementary Figure 2.9. Bald Eagle

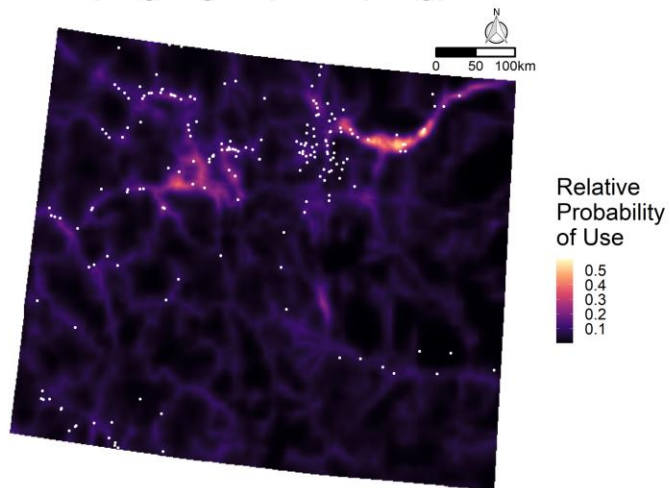
BAEA (background sampling)



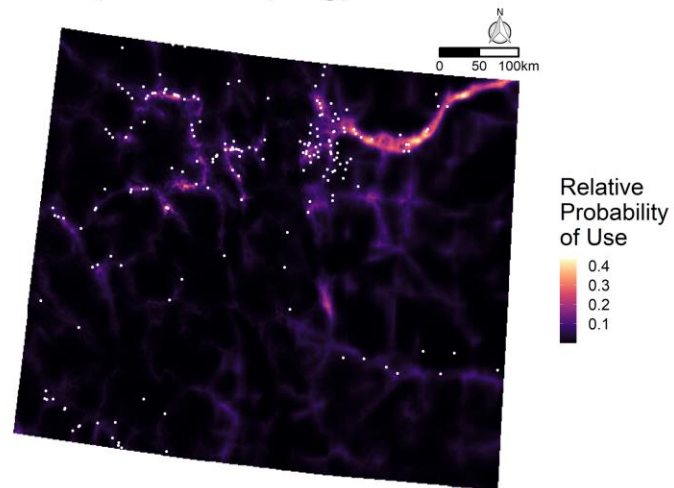
BAEA (outside sampling)



BAEA (target group sampling)

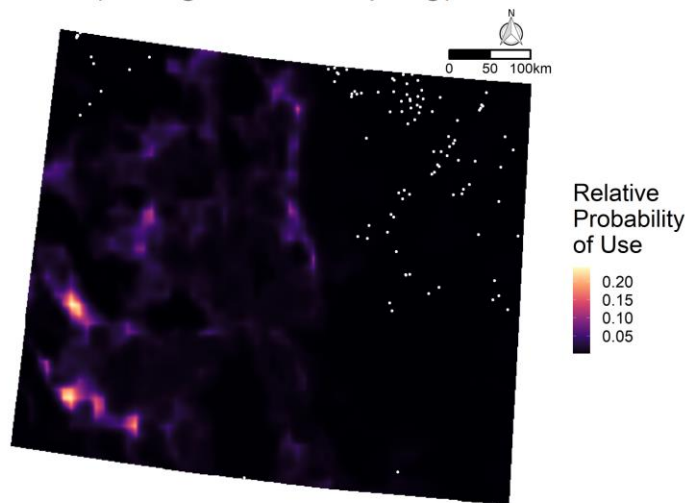


BAEA (within sampling)

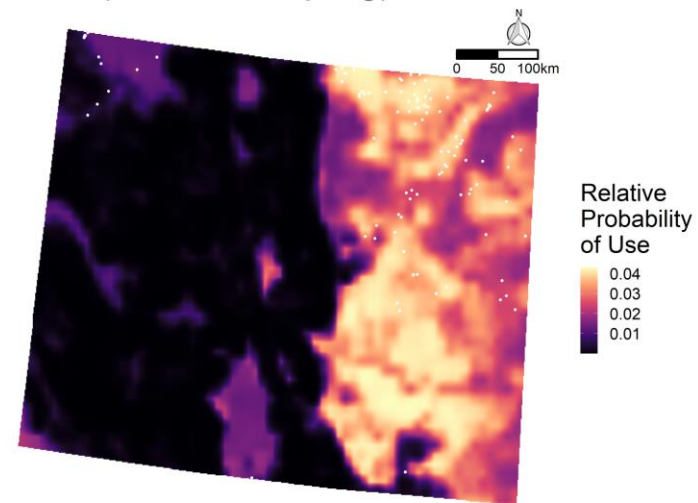


Supplementary Figure 2.10. Ferruginous Hawk

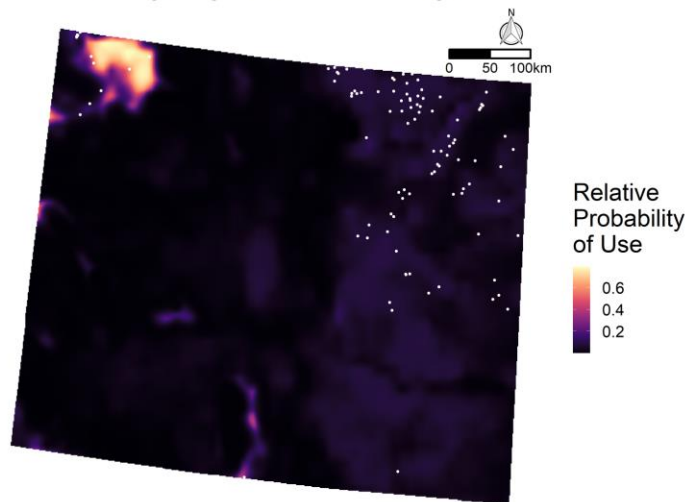
FEHA (background sampling)



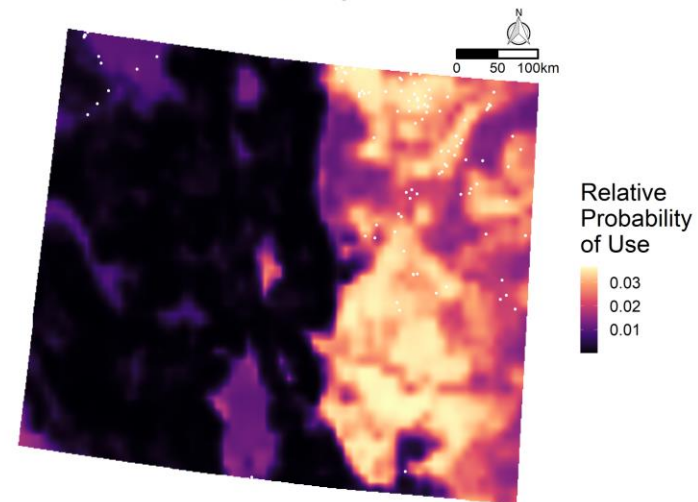
FEHA (outside sampling)



FEHA (target group sampling)

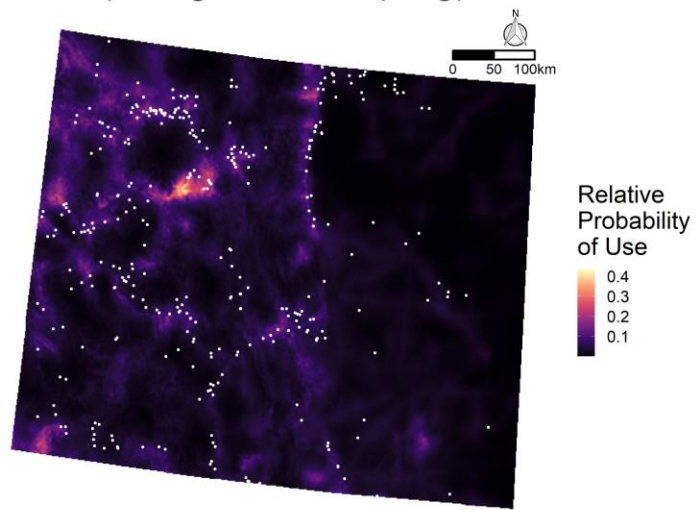


FEHA (within sampling)

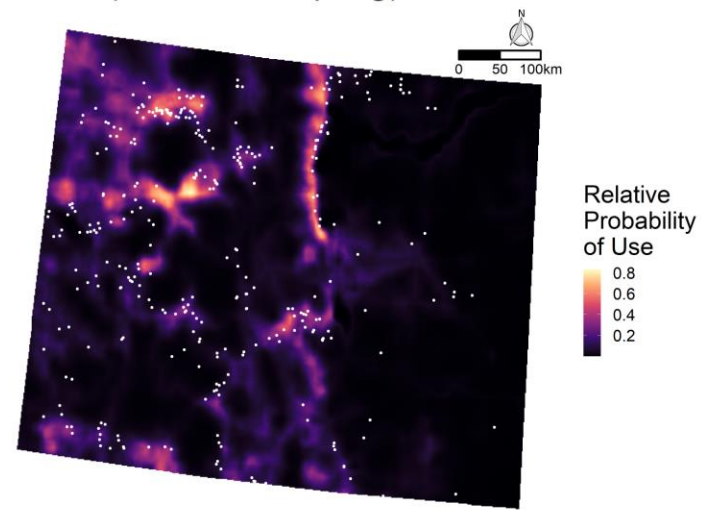


Supplementary Figure 2.11 Golden Eagle

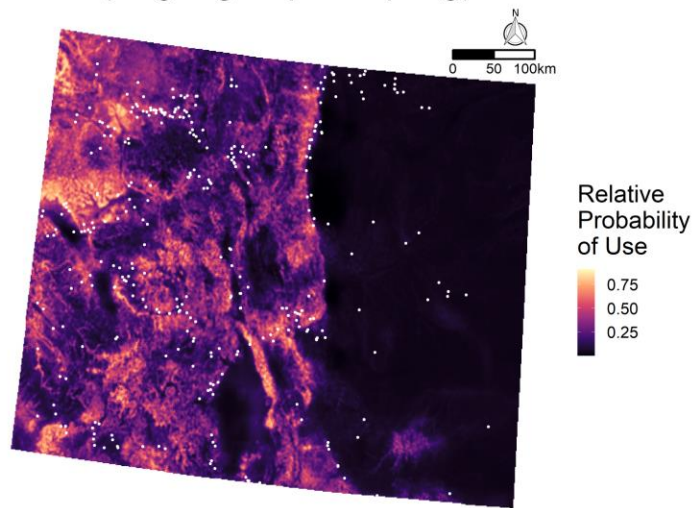
GOEA (background sampling)



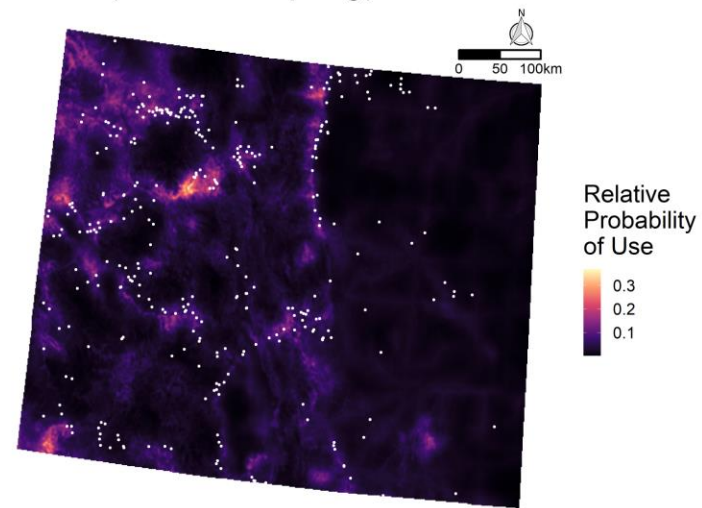
GOEA (outside sampling)



GOEA (target group sampling)

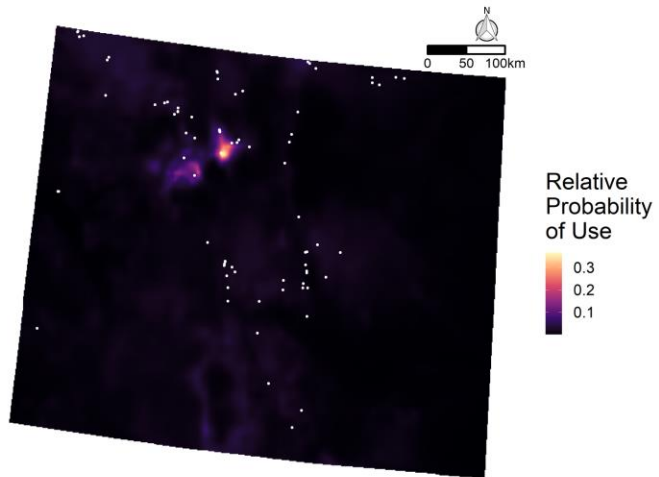


GOEA (within sampling)

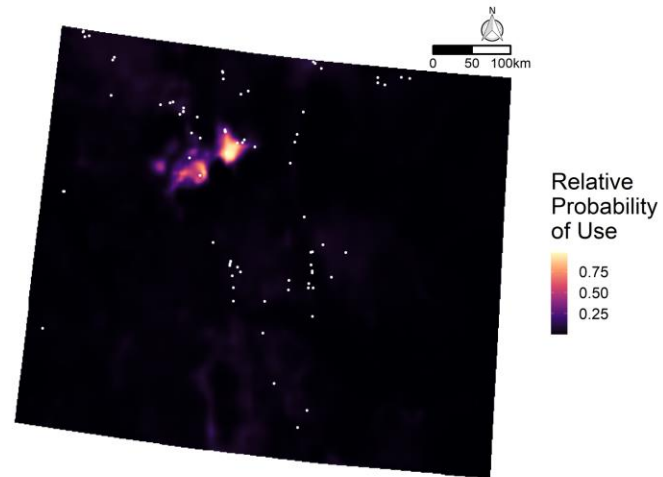


Supplementary Figure 2.12. Prairie Falcon

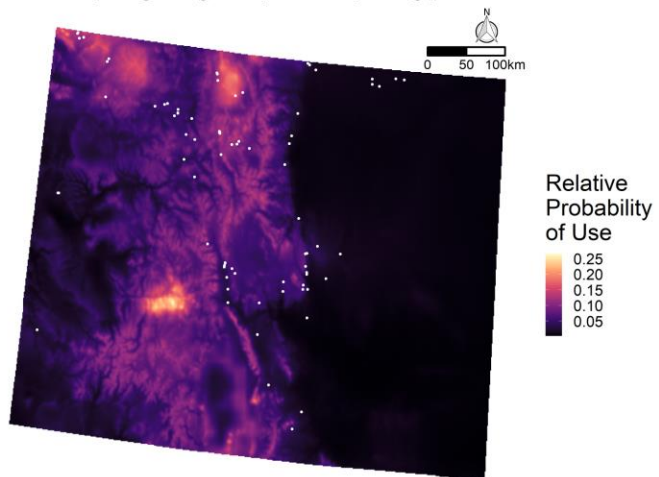
PRFA (background sampling)



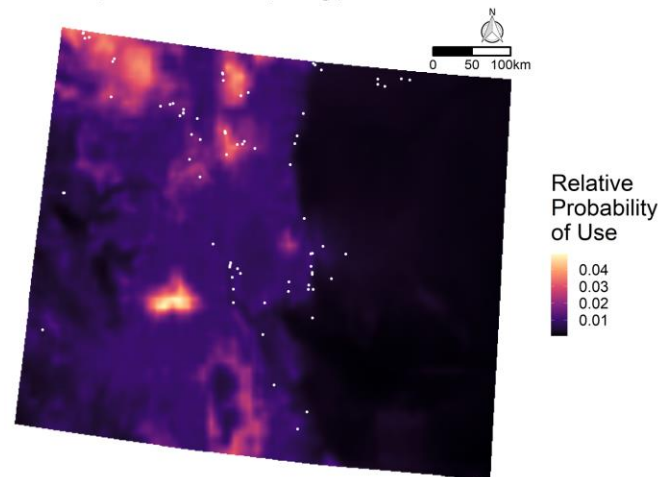
PRFA (outside sampling)



PRFA (target group sampling)



PRFA (within sampling)



Supplementary Figure 2.13. BAEA = Bald Eagle; FEHA = Ferruginous Hawk; GOEA = Golden Eagle; PRFA = Prairie Falcon. Not all variables evaluated were supported in the final model; see Fig. 2). These density plots demonstrate the high degree of fidelity among covariate distributions across selection frames.

