

## -Discussion-

Vipers partially overlapped in the study area, nevertheless they maintained distinct ecological niches, as assessed by the Pianka index. However we did not find direct factors about the effect of spatial distributions of vipers. Furthermore, further study should be conducted to include various topographic variables(e.g. slope, aspect, microhabitat, soil, solar radiation) or other variables (e.g. home range, food, reproductive strategies) for the study of vipers. We then may better understand the cause of spatial separation see in these Korean vipers.

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