

邹博研, 罗概, 朱博伟, 冉江洪, 房超 (2021) 川西高原三种雉类与其捕食者赤狐的空间关系. 生物多样性, 29, 918–926. <https://www.biodiversity-science.net/CN/10.17520/biods.2020438>

附录1 赤狐与3种雉类的8种条件型双物种占域模型的候选模型

Appendix 1 Eight candidate conditional two-species occupancy model for red fox and three pheasant species

| 模型类型 Types of models                                     | 假设 Hypothesis   |
|--|---|
| $psiA, psiB; pA, pB$                                     | 环境变量和捕食者存在对于雉类的位点使用和探测都无影响<br>Neither habitat nor predator presence influences pheasants' site use/detection  |
| $psiA, psiB; pA, pB, rB$                                 | 仅捕食者的存在对雉类的探测有影响 Only predator presence influences pheasants' detection                                       |
| $psiA, psiBA, psiBa; pA, pB$                             | 仅捕食者的存在对雉类的位点使用有影响 Only predator presence influences pheasants' site use                                      |
| $psiA, psiBA, psiBa; pA, pB, rB$                         | 捕食者的存在对雉类的位点使用和探测都有影响 Only predator presence influences pheasants' site use/detection                         |
| $psiA (H), psiB (H); pA (H), pB (H)$                     | 只有环境变量影响雉类的位点使用和探测 Only habitat influences pheasants' site use/detection                                      |
| $psiA (H), psiB (H); pA (H), pB (H), rB (H)$             | 环境变量介导的捕食者的存在对雉类的探测有影响 Habitat-mediated influence of predator presence on pheasants' detection                |
| $psiA (H), psiBA (H), psiBa (H); pA (H), pB (H)$         | 环境变量介导的捕食者的存在对雉类的位点使用有影响 Habitat-mediated influence of predator presence on pheasants' site use               |
| $psiA (H), psiBA (H), psiBa (H); pA (H), pB (H), rB (H)$ | 环境变量介导的捕食者的存在对雉类的位点使用和探测都有影响 Habitat-mediated influence of predator presence on pheasants' site use/detection |