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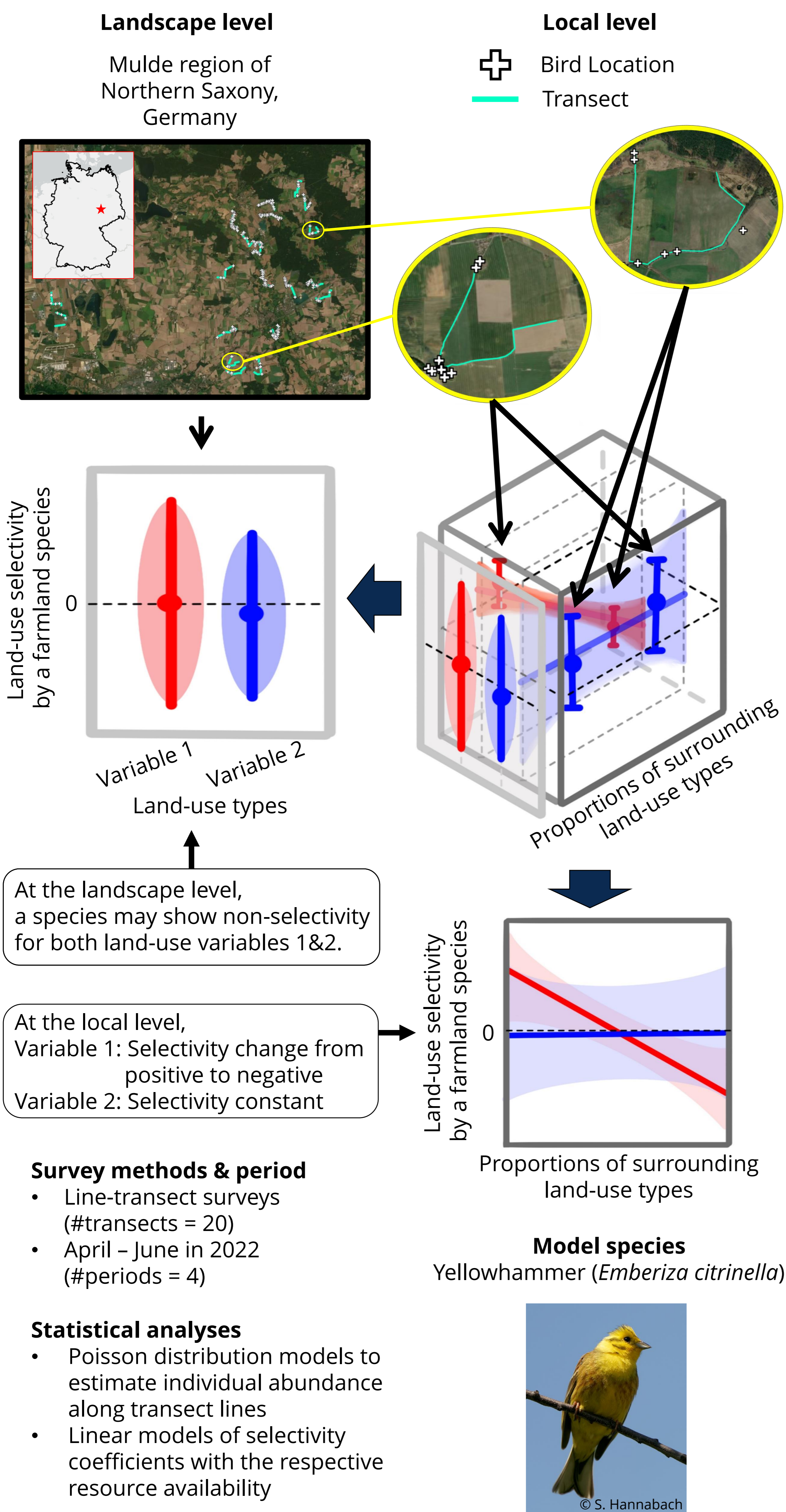
Introduction

- European Union's agri-environment schemes (AES) encourage farmers to improve farmland biodiversity.
- Nevertheless, results of the effect of AES on farmland birds vary among different study areas.

Research question

Is habitat selectivity of farmland birds altered by the variation in the habitat availability at the local level?

Methods



Results

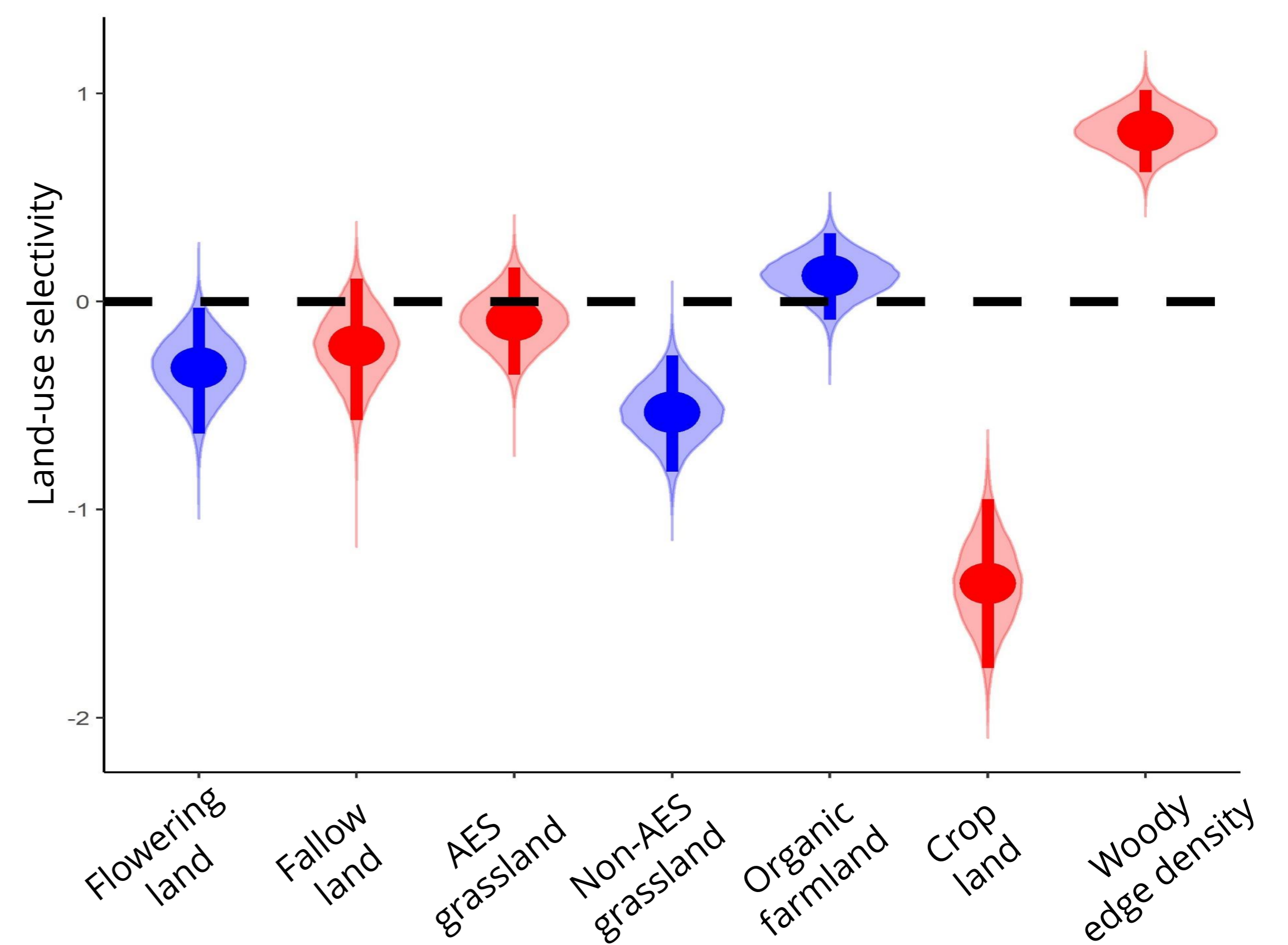


Fig 1. Land-use selectivity of yellowhammers for land-use types. Yellowhammers changed selectivity for red-colored land-use types with the varying habitat availability, while they did not for blue-colored land-use types.

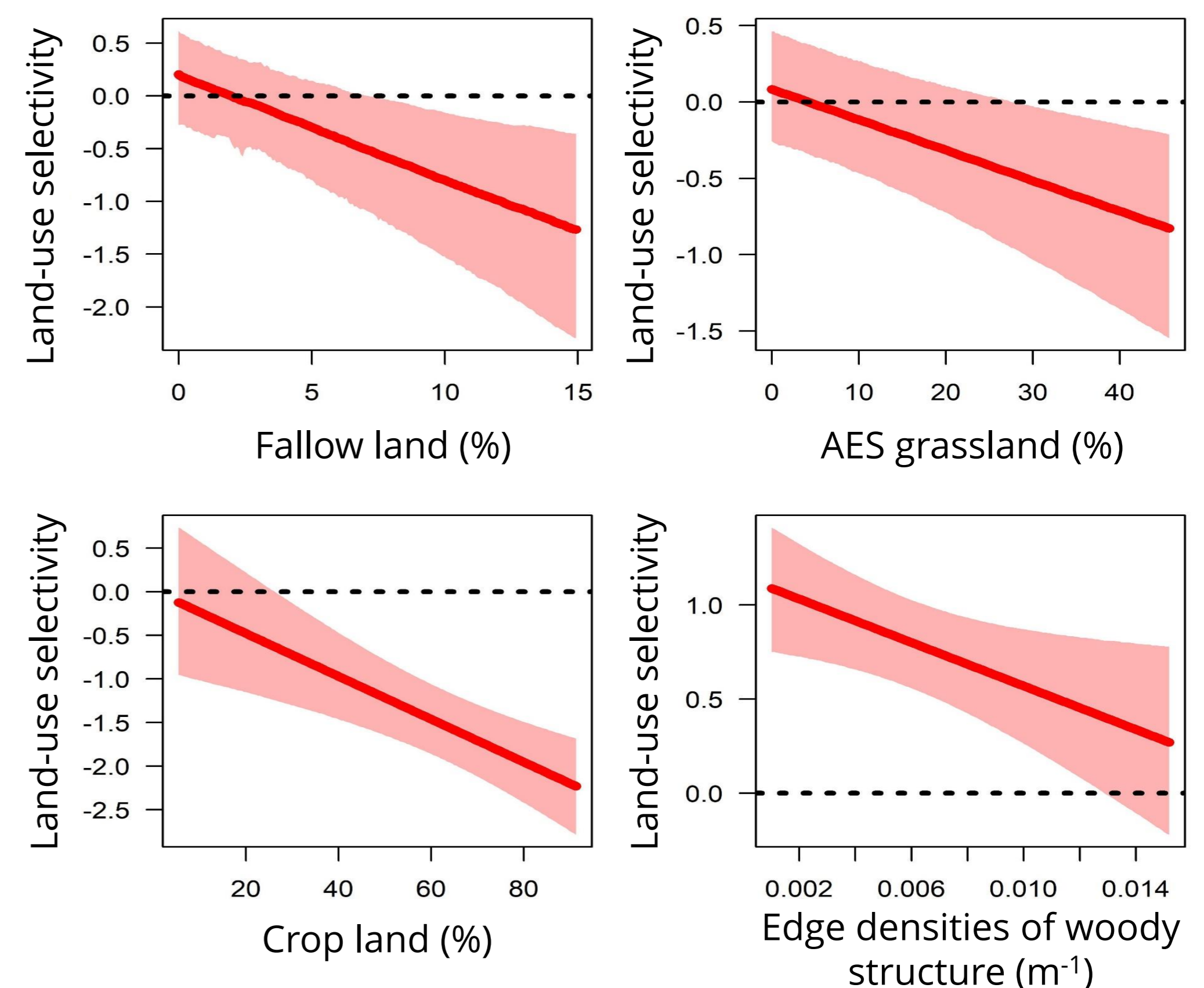


Fig 2. Changes in land-use selectivity of yellowhammer for each land-use type. Yellowhammer reduced the habitat selectivity with the increasing availability.

Conclusion

- Land-use selectivity of yellowhammer changed depending on the habitat availability at the local level (i.e., fallow land, AES grassland, crop land, and woody edge density).
- Our findings will shed light on how AES can contribute to habitat qualities of farmland birds to enhance biodiversity in agricultural landscapes.

