# Building future landscapes to assess impact of land use land cover change on provisioning of ecosystem services

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## Abstract

LULC change models (Schmucki *et al.* 2016) may become fundamental (Aquilué *et al.* 2017) tools to accurately inform policy makers and land managers committed to sustainable development, biodiversity conservation $\sqrt{27}$ and regional assessments of ecosystem services provisioning.

## Introduction

Land use are dynamics and change in configuration (Phillips *et al.* 2017) and history of land use have important impact on provisioning of $X^2_{i,j}$ ecosystem services.

```
a <- 2+4
b <- 1/sqrt(4)
c <- a/b
```

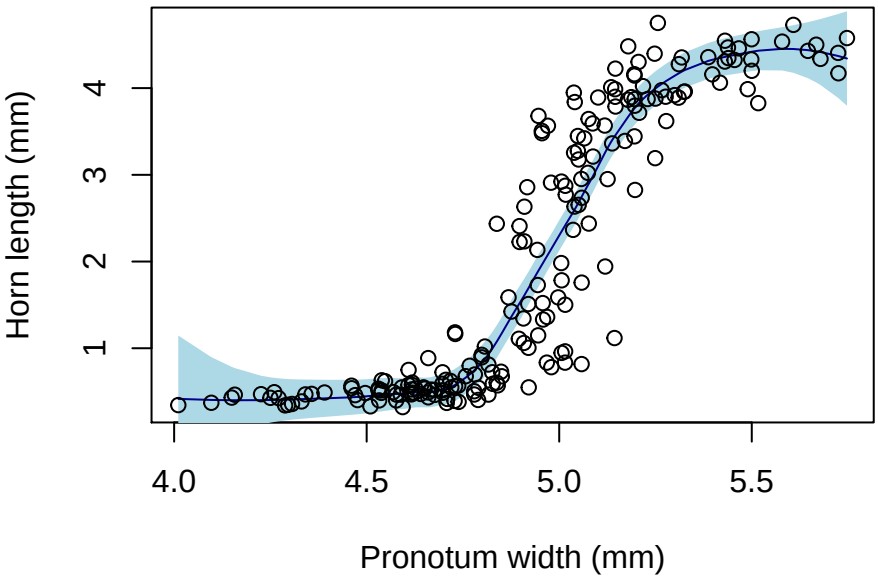


Table 1: The super result table

| Header 1 | Header 2 | Header 3 |
|---|---|---|
| 0.834 | -0.081 | -0.193 |
| 0.338 | 0.085 | 1.012 |
| -0.890 | 0.371 | -1.912 |
| 1.254 | 0.271 | 0.606 |

## References

Aquilué, N., De Cáceres, M., Fortin, M.-J., Fall, A. & Brotons, L. (2017) A spatial allocation procedure to model land-use/Land-cover changes: Accounting for occurrence and spread processes. *Ecological Modelling*, **344**, 73–86.

Phillips, S.J., Anderson, R.P., DudÍk, M., Schapire, R.E. & Blair, M.E. (2017) Opening the black box: An open-source release of Maxent. *Ecography*, n/a–n/a.

Schmucki, R., Pe'er, G., Roy, D.B., Stefanescu, C., Van Swaay, C.A., Oliver, T.H., Kuussaari, M., Van Strien, A.J., Ries, L., Settele, J., Musche, M., Carnicer, J., Schweiger, O., Brereton, T.M., Harpke, A., Heliölä, J., Kühn, E. & Julliard, R. (2016) A regionally informed abundance index for supporting integrative analyses across butterfly monitoring schemes. *Journal of Applied Ecology*, **53**, 501–510.