**Table S3.** Landscape characteristics (400 m radius) around Argentine Pampas’ roadsides measured using satellite images1. Average and standard errors of each cover in spring (*n*= 90 plots) and in winter (*n*= 78 plots). Cattle rearing: short grass (less than 30 cm) typical from areas with high grazing intensity. Crops: soy, corn and sunflower, as well as stubble. Tree plantations: exotic trees, mainly *Eucalyptus* spp. Grassland: tall grass (more than 30 cm), including areas dominated by *Cortaderia selloana* and possibly grasslands and pastures (mainly *Schedonorus arundinaceus*) subjected to a low grazing intensity. Wetland: water bodies and wetland vegetation. Woodland: native trees, mainly *Celtis tala* and *Scutia buxifolia*.

|  |  |  |
| --- | --- | --- |
|  | Spring (%) | Winter (%) |
| *Land uses* | |  |
| Cattle rearing | 33.8 ± 2.46 | 35.1 ± 2.44 |
| Crops | 14.3 ± 1.81 | 12.5 ± 1.72 |
| Tree plantations | 1.5 ± 0.29 | 1.5 ± 0.23 |
| *Seminatural areas* | |  |
| Grassland | 22.1 ± 2.36 | 22.5 ± 2.58 |
| Wetland | 11 ± 1.4 | 11.4 ± 1.52 |
| Woodland | 0.8 ± 0.14 | 0.6 ± 0.13 |

1Cover was estimated using in satellite images (source: Google® EarthTM) with Google Earth Pro Software. Validating the images with our observations recorded in the field, we measured the percentage of each vegetation type within a 400-m radius circular area around each plot.