**Metadata for gps\_landclass.RDS**

**Contact : Pierre Legagneux**

email : [Pierre.Legagneux@bio.ulaval.ca](mailto:Pierre.Legagneux@bio.ulaval.ca).

**Description of data**: The dataset contains GPS location labelled with landcover class of wild female greater snow geese during a spring migratory stopover along the St. Lawrence River in Québec, Canada. The data was collected as part of an experimental study assessing the effects of corticosterone on greater snow goose behaviour and migration phenology. Geese were treated with either a 90 mg corticosterone or placebo subcutaneous implant), then tracked for a period of 10-days. The dataset was used for analyses and to produce Figure S6 in the article *Bird migration on the edge: experimental manipulation of corticosterone advances departure dates* published in Ecology.

**Variables**

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| **Column Name** | **Description** |
| ID | Unique identifier for each treated goose |
| paire | Identifier for pairs of individuals assigned to the same treatment group |
| in\_stlo | Boolean (true or false) indicating whether the individual was within the St. Lawrence River stopover area |
| jday | Day of year (from January 1st) |
| last\_stlo | Last day of year when both individuals in a pair were present in the St. Lawrence stopover area |
| first\_stlo | Last day of year when both individuals in a pair were present in the St. Lawrence stopover area |
| local\_timestamp | Date and time of the GPS location |
| JT | Number of days after treatment was administered |
| periode | Time of day: Morning (sunrise to 3 hours after sunrise), Evening (3 hours before sunset to sunset), Day (3 hours after sunrise to 3hours before sunset) |
| trt | Treatment administered to the individual (90mg corticosterone or placebo subcutaneous pellet) |
| class\_agri | Landclass category (either cropland for locations that were in agricultural land or not\_crop for other landclasses) |
| geometry | Spatial coordinates of the GPS location |

**File name:** behavior\_data\_IAO\_2021.RDS **License**: Creative Commons Attribution 4.0 International (CC-BY 4.0)