**README for departure\_dates.RDS**

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**Description of data**: The dataset contains the date of departure from spring migration stopover of wild female greater snow geese captured 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 data was used for analyses and to produce Figure 2 and Figure S7 in the article *Bird migration on the edge: experimental manipulation of corticosterone advances departure dates* published in Ecology.

**Variables**

|  |  |
| --- | --- |
| **Column Name** | **Description** |
| year | Year of treatment and GPS deployment |
| id | Unique identifier for each treated goose |
| numero\_capture | Capture session number; individuals with same value were captured together |
| paire | Identifier for pairs of individuals assigned to the same treatment group |
| trt | Treatment administered to the individual (90mg corticosterone or placebo subcutaneous pellet) |
| Deploy.On.Timestamp | Date and time when the GPS collar was deployed |
| depart\_date | Date of departure defined as the date of the last GPS position recorded before individuals crossed the 50th parallel north |
| julian\_departure | Day of year (from January 1st) corresponding to the departure date |

**File name:** departure\_date.RDS

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