**ReadMe: Caw Ridge\_Supplementary individual analysis\_FGM data**

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**Description of data:** Thisdata set was collected on individually marked female mountain goats at Caw Ridge, Alberta, Canada between 2000-2016. The data set includes individual data on reproductive success, faecal glucocorticoid metabolites concentration, age, and age-specific mass as well as annual data on predation risk, population size, and faecal crude protein peak date as a measure of resource availability. This data was used to produce Figure S6.1.

**Variables**

|  |  |
| --- | --- |
| **Column Heading** | **Definition** |
| id | Goat id |
| year | Year |
| FGM\_adjusted | Faecal glucocorticoid metabolites concentration adjusted to July 15th |
| age | Goat age |
| age\_category | Goat age in 3 categories: young 3–6 years; prime-aged 7–9 years; old ≥10 years old |
| repro\_next | Reproductive success following glucocorticoid measurement. 1=birth; 0=no birth |
| repro\_this | Reproductive success the year before glucocorticoid measurement. 1=birth; 0=no birth |
| predation\_index | Annual number of predator sightings per 100 days of fieldwork |
| population\_size | Total goat population in June |
| fcp\_peak\_date | Date when the peak in faecal crude protein (FCP) occurred based on samples collected from 5 to 12 individuals every two weeks from mid-May to mid-September |