**ReadMe: Caw Ridge\_Annual Data**

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**Description of data:** Thislongitudinal data set collected on 113 female mountain goats at Caw Ridge, Alberta, Canada between1988-2015. The data set includes annual data related to reproduction, survival, population density, and a quality index based on female social rank and body mass. This data was used to produce Table 2, Figure 4, and Table S3.

**Variables**

|  |  |
| --- | --- |
| **Column Heading** | **Definition** |
| goat | Female goat |
| YOB | Year of birth |
| longevity | Lifespan (years) |
| age | Years |
| AFR | Age at first reproduction |
| ers3456birth | Total # births ages 3-6 |
| quality | Quality index |
| densityYOB | Population density year of birth; total goat population in June |
| annualrepro | 0=no birth; 1=birth |
| annualstatus | no=non-lactating; yes=lactating at t-1 |
| annualsurvival | 0=no; 1=yes to t+1 |
| annualdensity | Total goat population in June |