**ReadMe: Caw Ridge\_Lifetime Data**

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**Description of data:** This longitudinal data set was collected on 142 female mountain goats at Caw Ridge, Alberta, Canada between1988-2015. The data set includes lifetime data related to reproduction, longevity, population density, and a quality index based on female social rank and body mass. This data was used to produce Table 1, Figure 1, Figure 2, Figure 3, Table A1, Table S1, Table S2, and Figure S1.

**Variables**

|  |  |
| --- | --- |
| **Column Heading** | **Definition** |
| goat | Female goat |
| YOB | Year of Birth |
| agecaptured | Age at capture (years) |
| longevity | Lifespan (years) |
| AFR | Age at first reproduction; never=known to never reproduce |
| ALR | Age at last reproduction; never=known to never reproduce |
| ers34birth | Total # births ages 3-4 |
| ers34wean | Total # kids weaned ages 3-4 |
| ers3456birth | Total # births ages 3-6 |
| ers3456wean | Total # kids weaned ages 3-6 |
| ers123birth | Total # births during breeding years 1-3 |
| ers123wean | Total # kids weaned during breeding years 1-3 |
| LRSbirth | Total # births during lifespan |
| LRSwean | Total # kids weaned during lifespan |
| lateRSbirth | LRSbirth-ers3456birth |
| lateRSwean | LRSwean-ers3456wean |
| meddensity | Median population density ages 3-6; total goat population in June |
| densityYOB | Population density year of birth; total goat population in June |
| quality | Quality index |