|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Parameter** | **Parameter Description** | **Goat Flocks** | | | | | **Sheep Flocks** | | | | | **Parameter Range** |
| Arid-pastoral | Semiarid-pastoral | Semiarid-mixed | Subhumid-mixed | Humid-mixed | Arid-pastoral | Semiarid-pastoral | Semiarid-mixed | Subhumid-mixed | Humid-mixed |
| **offtake\_y** | Net offtake risk,  young | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N.r. |
| **offtake\_m1** | Net offtake risk,  young male | 0.265-0.99 | 0.138-0.99 | 0.141-0.99 | 0.124-0.99 | 0.24-0.99 | 0.193-0.99 | 0.158-0.99 | 0.18-0.99 | 0.078-0.99 | 0.052-0.99 | Flock offtake risk\* |
| **offtake\_m2** | Net offtake risk,  adult male | 0.265-0.34 | 0.138-0.206 | 0.141-0.214 | 0.124-0.313 | 0.24-0.284 | 0.193-0.25 | 0.158-0.267 | 0.18-0.27 | 0.078-0.38 | 0.052-0.25 | Flock offtake risk |
| **offtake\_f** | Net offtake risk, female | 0.265-0.34 | 0.138-0.206 | 0.141-0.214 | 0.124-0.313 | 0.24-0.284 | 0.193-0.25 | 0.158-0.267 | 0.18-0.27 | 0.078-0.38 | 0.052-0.25 | Flock offtake risk |
| **mortality\_y** | Mortality risk, young | 0.15-0.4 | 0.268-0.4 | 0.025-0.5 | 0.11-0.532 | 0.1-0.48 | 0.178-0.45 | 0.16-0.45 | 0.13-0.5 | 0.13-0.438 | 0.086-0.467 | Reported |
| **mortality\_a** | Mortality risk, adult | 0.05-0.33 | 0.091-0.158 | 0.04-0.17 | 0.065-0.2 | 0.08-0.503 | 0-0.25 | 0.119-0.158 | 0.017-0.17 | 0.039-0.23 | 0.1-0.473 | Reported |
| **birth\_rate** | Birth rate | 0.88-1.876 | 0.748-3.266 | 1.065-3.266 | 1.124-2.916 | 1.2-3.239 | 0.9-1.358 | 0.5-1.662 | 0.918-2.186 | 0.618-2.096 | 0.918-2.025 | Reported |
| **age\_exchange** | Minimum age of exchange (months) | 9-14 | 9-14 | 9-14 | 9-14 | 9-14 | 9-14 | 9-14 | 9-14 | 9-14 | 9-14 | N.r. |
| **age\_reprod** | Minimum age of reproduction (months) | 15-16.8 | 8.3-30 | 9.2-60 | 14.2-17 | 9.4-15 | 18-19 | 11.5-30 | 11-48 | 14.1-21.6 | 10-18 | Reported |
| **age\_m** | Maximum age of males (years) | 3-5 | 3-5 | 3-5 | 3-5 | 3-5 | 3-5 | 3-5 | 3-5 | 3-5 | 3-5 | N.r. |
| **age\_f** | Maximum age of females (years) | 7-12 | 7-12 | 7-12 | 7-12 | 7-12 | 7-12 | 7-12 | 7-12 | 7-12 | 7-12 | N.r. |