A photograph of a herd of caprines, including sheep and goats, grazing in a lush green field. In the background, there is a dense forest of bare trees, suggesting a late autumn or winter setting. The text is overlaid on the center of the image.

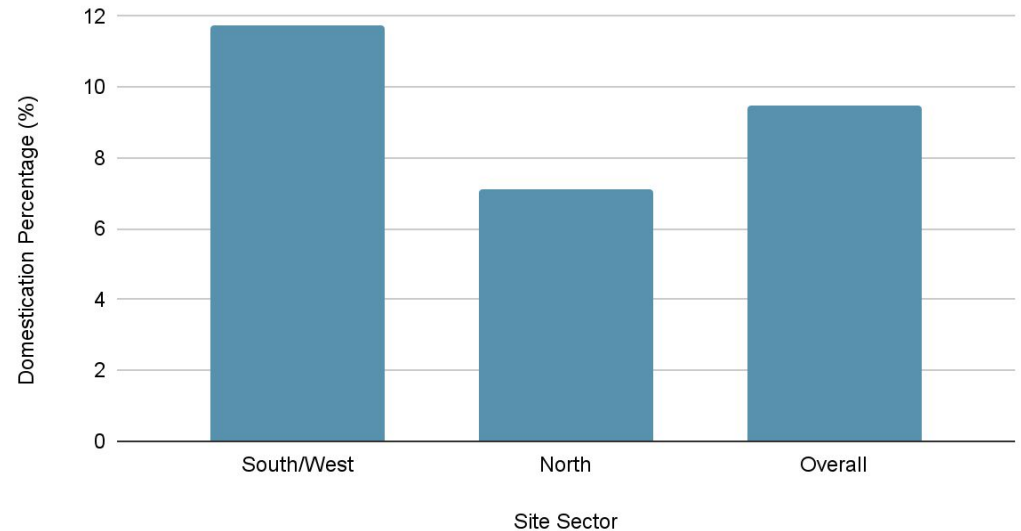
Caprines: Mortality, Survivorship, and Domestication at the Site of Gritille



Domestication

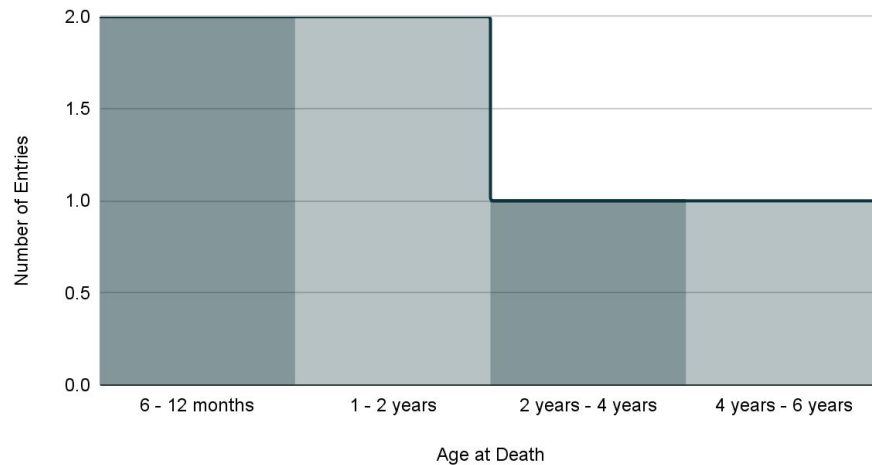
- North Sector: Domestication ratio of 6:84 which is a 7.14%
- South/West Sector:
Domestication ratio of 10:85 which is a 11.76 %
 - Possibly Domesticated has a range of 11.76 % - 61.18 %
- Overall Site: Domestication ratio of 16:169 which is a 9.47%

Domestication Rate per Site Sector

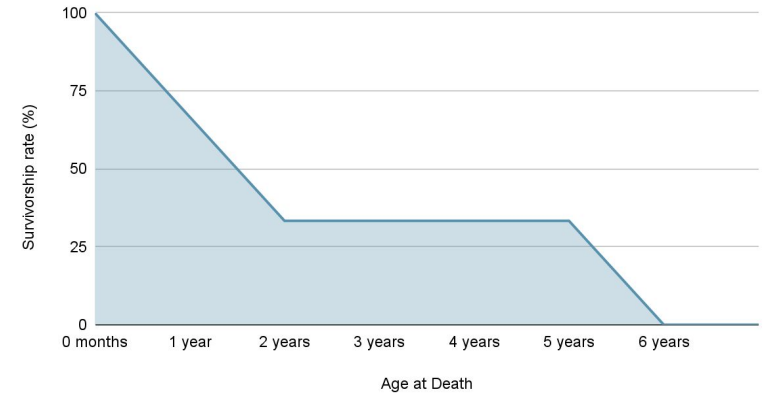


Mortality and Survivorship Rates: North

Sheep/Goat Mortality Histogram for North

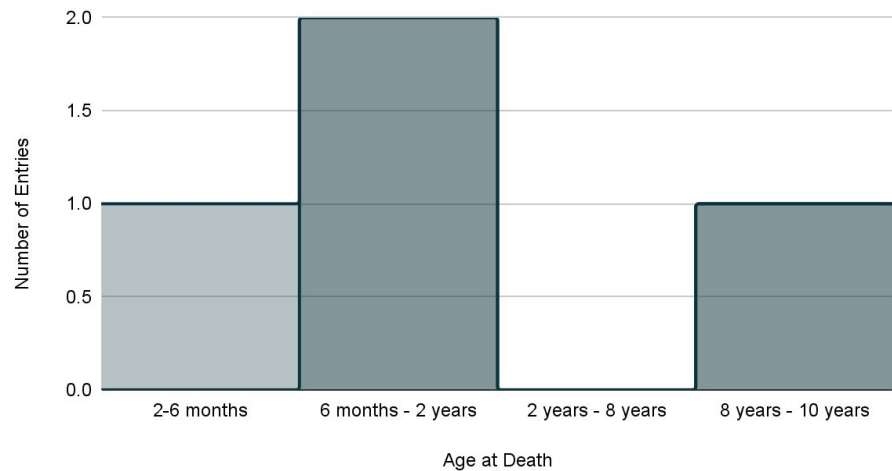


Age at Death vs. Survivorship for North

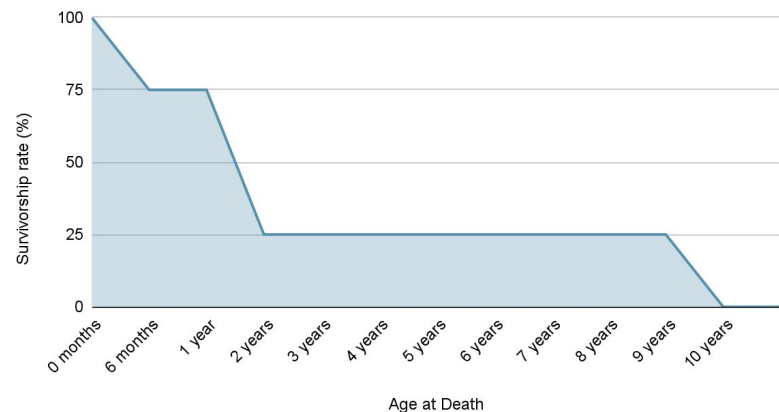


Mortality and Survivorship Rates: South/West

Sheep/Goat Mortality Histogram for South/West

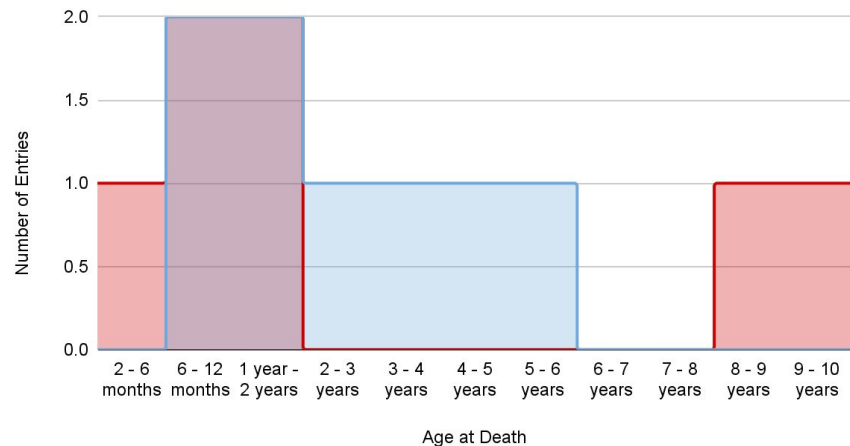


Age at Death vs. Survivorship for South/West

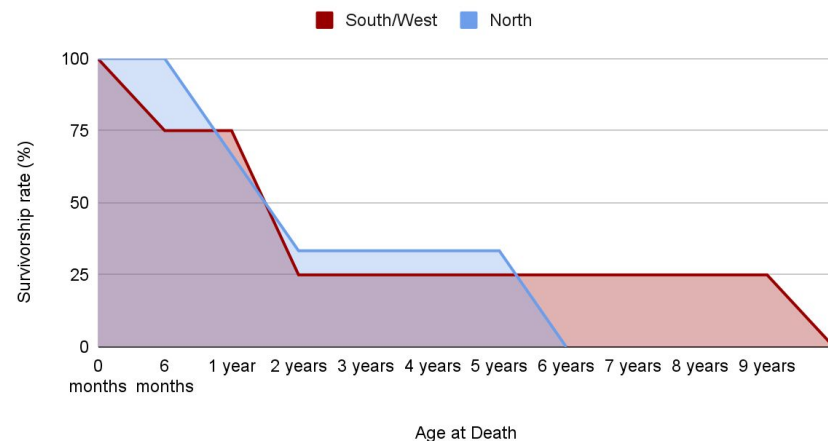


Overall Caprine Mortality and Survivorship Rates

Sheep/Goat Mortality Histogram for South/West and North



Age at Death vs. Survivorship for South/West and North



Calculating MNI: North vs South/West

Caprine MNI in West/South Area of the Site						
Skeletal Element	Total	Fused	Fusing	Unfused	Indeterminate Fusion State	MNI
Distal Humerus	4	0	0	2 Left	1 Left/1 Right	3
Proximal Humerus	4	1 Left/2 INDT	1 Right	0	0	3
Proximal Ulna	4	1 Right	1 Right	0	1 Left/1 INDT	3
Distal Scapula	4	0	0	0	2 Left/2 Right	2

Caprine MNI in North Area of the Site						
Skeletal Element	Total	Fused	Fusing	Unfused	Indeterminate Fusion State	MNI
Acetabulum-Ischium/Pubis	5	3 Left	0	0	1 Left/1 Right	4

Analysis and Conclusions

- The Caprine population in the South/West was mainly kept for milk and wool production
- The Caprine population in the North was mainly kept for meat production
- We couldn't use any of the post-cranial fusion patterns because there wasn't enough data to make a pattern
- The measurements provided in the data were not enough to make conclusions regarding domestication or production strategies.



Thank you!