Who was buried there? Multi-disciplinary approach on Early Bronze Age people in South of France
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Cèze Valley ( Gard) A
Homogenous funerary practice: small collective burials (MBN between 3 & 15) in caves between late Neolithic and early Bronze age [1]
Aven Janna: Sepulchral cave from Early Bronze Age (B) [1877-1566 cal BCE]

Origin and behaviour?
Investigating population biology and economic organisation in a successive chrono-cultural context (only scarce data are known)

Bioanthropological/Archaeological/Multi element (CNS) stable isotope analyses

9 individuals: 6 adults (2♀ [20-39]; 40-50 yrs; 1♂ & 1 unknown [60+] yrs) (C), 3 immatures (♂[0]; [4-6]; [9-14] yrs) [2; 3; 4]; Stature from 1,38m to 1,83m [5; 6].

Health status: Tuberculosis (Pott's disease) (D); Anemia (Cibro Orbitalia) (E);
Dental abscess (F) [7]
Possible disturbed primary deposits (only 1 leg in anatomical connexion) and rare grave goods [8]

Food
Terrestrial food resources (plant, animal)
High homogeneity
No difference depending on the biological records

- Late Neolithic (LN) human and animal samples (Aveyron: 150km) [11]
- Early Bronze Age (EBA) human and animal samples (Auvergne: 100km) [12]

Wide variability (C,N) between regions and periods
Number of individuals vs environment?

Sample too small (NM=N6) to define the whole diversity of resources Differences in local resources

All from the same origin

Poor sanitary conditions
One outsider (S)

Gathered in death
No exclusion depending on age, sex, health and origin

Exclusion of death

Comparisons with caves and other types of collective burials in the region

Definition of the criteria of the funerary selection

Mobility

Except one adult (>20) (T)

Small cranium (1253 cm³): stature vs pathology; sex? [13]

Known pattern for EBA northern Italian caves: possible "hospice center" [14; 15]
Patrilocal system [16]

Janna
First excavation and multi approach investigation in the Cèze Valley
Explorative work and human and animal data in progress

Exploratory work and animal data in progress

Both authors

Janna Human (EBA)
Les Treilles Cattle (LN)
Chantemerle Cattle (EBA)
Chantemerle Sheep/Goat (EBA)
Chantemerle Dog (EBA)
δ15N (‰)
δ34S (‰)

Mobility

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