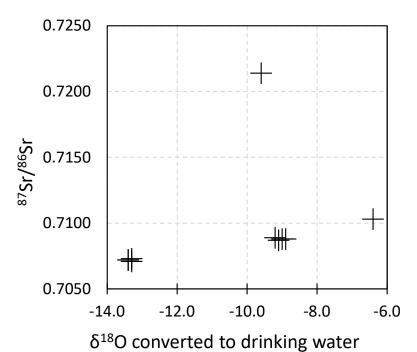
Interpreting data using an isoscape

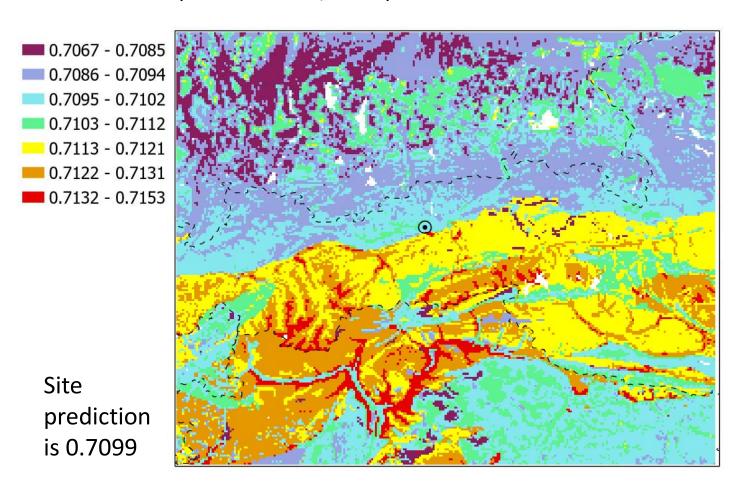
- You have ${}^{87}\text{Sr}/{}^{86}\text{Sr}$ and $\delta^{18}\text{O}$ data from 10 tooth enamel samples from a cemetery.
- Samples split into two groups (A and B), with two outliers (C and D).
- All teeth sampled were M3.
- The site is located above a river at the edge of a mountain range.
- There is evidence of a settlement next to the site.





	⁸⁷ Sr/ ⁸⁶ Sr	δ ¹⁸ O (‰)	Group
Ind 1	0.7071	-13.3	Α
Ind 2	0.7072	-13.4	Α
Ind 3	0.7073	-13.3	Α
Ind 4	0.7072	-13.4	Α
Ind 5	0.7087	-9.1	В
Ind 6	0.7088	-8.9	В
Ind 7	0.7089	-9.2	В
Ind 8	0.7088	-9.0	В
Ind 9	0.7214	-9.6	С
Ind 10	0.7103	-6.4	D

Modelled bioavailable ⁸⁷Sr/⁸⁶Sr values for the global land surface based on measured rock, soil, plant, water, animal and human data (Bataille et al., 2020)



Annual mean δ^{18} O for modern rainwater (Waterlsotopes.org)

