

Interactive comment on “The IRHUM (Isotopic Reconstruction of Human Migration) database – bioavailable strontium isotope ratios for geochemical fingerprinting in France” by M. Willmes et al.

Anonymous Referee #1

Received and published: 19 January 2014

General Comments: The article by Willmes et al. entitled The IRHUM (Isotopic Reconstruction of Human Migration) database – bioavailable strontium isotope ratios for geochemical fingerprinting in France is an excellent contribution to many fields of research related to the natural sciences, but will be immeasurably useful to archaeology. One of the major questions circulating through archaeology is the extent of hominin mobility: how far did they travel, where on the landscape did they go? The sampling of $87\text{Sr}/86\text{Sr}$ across France and the open and accessible documentation of those ratios will allow archaeologists to investigate the mobility patterns of humans and animals

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through time.

Specific Comments: The article itself is short and primarily a description of the isotopic data collection and processing methods used. Most archaeologists will not find the article itself useful, but the data generated by this project will be very much appreciated.

Technical Corrections: There is one typo on page 5, line 100: the word 'as' should be deleted.

Interactive comment on *Earth Syst. Sci. Data Discuss.*, 6, 761, 2013.

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