

This is a repository copy of A high-resolution picture of kinship practices in an Early Neolithic tomb.

White Rose Research Online URL for this paper: https://eprints.whiterose.ac.uk/185799/

Version: Accepted Version

Article:

Fowler, Chris, Olalde, Inigo, Cummings, Vicki et al. (7 more authors) (2022) A high-resolution picture of kinship practices in an Early Neolithic tomb. Nature. pp. 584-587. ISSN 0028-0836

https://doi.org/10.1038/s41586-021-04241-4

Reuse

Items deposited in White Rose Research Online are protected by copyright, with all rights reserved unless indicated otherwise. They may be downloaded and/or printed for private study, or other acts as permitted by national copyright laws. The publisher or other rights holders may allow further reproduction and re-use of the full text version. This is indicated by the licence information on the White Rose Research Online record for the item.

Takedown

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing eprints@whiterose.ac.uk including the URL of the record and the reason for the withdrawal request.



Finding	Falsified null hypothesis	Data	P-value
Bias against female burial	Number of females and males buried at Hazleton not significantly different	9 vs 26	0.00599
Strict patrilineality	Number of matrilineal and patrilineal transmissions not significantly different	0 vs 15	0.000061
Strict bias against burial of adult daughters	Number of female and male adult offspring of unions in pedigree not significantly different	0 vs 14	0.00012
Differences in south/north placement in tomb of the four maternal sub-lineages	No association of tomb half and female sub-lineage	NC2f (2 south; 2 north) NC3f (2 south; 7 north) SC1f (5 south; 0 north) U3f (7 south; 0 north)	0.00110
Members of NC2f's and NC3f's sub- lineages stopped being buried in the north chamber later in the tomb's use- life, possibly due to the wall collapse blocking access to the north chamber	No decrease in north chamber burials among members of NC2f's and NC3f's sub-lineages with a likely later death	Earlier death (6 north chamber; 0 other) Later death (1 north chamber; 6 other)	0.00408