**Onomap3**

Onomap3 is designed to estimate ethnicity for names pertaining to residents of the United Kingdom. High level predictions are made for 11 of the 12 ethnic groups used in 2021/2 UK Census outputs – Asian Other (AAO), Bangladesh (ABD), Chinese (ACN), Indian (AIN), Pakistani (APK), Black African (BAF), Black Caribbean (BCA), Any Other/Arab (OXX/ARA), White Other (WAO), White British (WBR) and White Irish (WIR). Assignations to these categories are developed using population wide 19th century British census data along with the 1.2+ billion individual level Worldnames2 database and knowledge of British inward migration history.

These sources are also used to further disaggregate the AAO, BAF, BCA, OXX, ARA and WAO groups into most probable countries of ancestral origin. In each case, the three most probable countries of origin are identified. The methodology is published in Lan and Longley (2022).

Similar predictions are provided for the ABD, ACN, AIN, APK, WBR WIR categories for use in instances where the analyst has grounds to question the estimated assignment.

**Reference:**

[Lan, T., & Longley, P. (2022). An individual level method for improved estimation of ethnic characteristics.](https://new.onomap.com/wp-content/uploads/2022/05/Onomap3-methodology.pdf) *[International Regional Science Review](https://new.onomap.com/wp-content/uploads/2022/05/Onomap3-methodology.pdf)*[. Online First.](https://new.onomap.com/wp-content/uploads/2022/05/Onomap3-methodology.pdf)