Localizing Yiddish and non-Yiddish speaking Ashkenazic Jews to primeval villages in ancient Ashkenaz lands

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Abstract

The Yiddish language is over one thousand years old and incorporates German, Slavic, and Hebrew elements and one of the last European languages whose linguistic and geographical classifications remain unclear even after three centuries. The prevalent view claims Yiddish has a German origin, whereas the opposing view posits a Slavic origin with strong Iranian and weak Turkic substrata. The strong relationship between geography, genetics, and languages prompted us to investigate the geographical origin of 393 Yiddish and non-Yiddish speaking Ashkenazic Jews (AJs), Iranian, mountain Jews and over 600 non-Jewish genomes. The Geographic Population Structure (GPS) (Elhaik et al. 2014. Nature communications. PMCID: PMC4007635) localized most AJs along major primeval trade routes in adjacent to four villages with names that may be derived from “Ashkenaz.” These are the only place names in the world derived from this ethonym. AJs clustered adjacent to Iranian and mountain (“Sephardic”) Jews in support of a common Iranian origin. Loss of maternal haplogroups was evident in non-Yiddish speaking AJs compared to Yiddish speakers. Our results are compatible with linguistic evidence suggesting that Yiddish has multiple origins including German, Slavic, and Hebrew. This is the first study that analyzes genetic data of Yiddish speakers.

The challenges of any hypothesis aims to explain the origin of Yiddish

- What is the meaning of the word “Ashkenaz”?

- Why did Yiddish emerge in the 9th century?

- What is the origin of the five million Jews in Eastern European (19th century)?

CONCLUSIONS

The origin of AJs and their language remain some of the most enigmatic and underexplored topics in history. Since the linguistic approaches utilized to answer this question have thus far provided inconclusive results, we analyzed the genomes of Yiddish and non-Yiddish speaking AJs in search for their geographical origins. We traced nearly all AJs to major primeval trade routes in northeastern Turkey adjacent to primeval villages, whose names may be derived from “Ashkenaz.” We conclude that AJs probably originated during the first millennium when Iranian Jews Judaized Greco-Roman, Turk, Iranian, southern Caucasian, and Slavic populations inhabiting the lands of Ashkenaz in Turkey. Our findings imply that Yiddish was created by Slavo-Iranian Jewish merchants plying the Silk Roads between Germany, North Africa, and China as a secret language to gain advantage in trade.

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