

## Typological Atlas of Guatemala

Guatemala is a region of high language density. According to Glottolog (Hammarström, Forkel & Haspelmath 2017) there are three language families (Mayan, Arawakan and Cariban) and at least two unclassified language unions (Mixe-Zoque languages and Xincan languages) spread in this region.

As linguistic area Guatemala received insufficient attention from scholars: WALS covers only half of languages and PHOIBLE (Moran, McCloy & Wright 2014) describes only 6 languages. There is a volume on languages of Guatemala (Mayers 1966) published by Summer Institute of Linguistics that includes language descriptions, but lacks adequate typological comparisons.

The following project aims to demonstrate geographical distribution of specific typological features of the languages of Guatemala. Our objective is to create an extended version of WALS project (Dryer & Haspelmath 2013) for a smaller area. Language specific information extracted from grammars is visualized in an unified and easily perceivable way. Distribution of each feature is presented on a map and provided with brief annotation.

Maps represent language distribution across villages and municipalities, based on information provided by National Institute of Statistics of Guatemala (Instituto Nacional de Estadística 2011) and sociolinguistic information contained in grammars. Typological maps deal with phonological, morphological, syntactic and lexical features of Guatemalan languages.

Despite the typological atlas itself another outcome of the project is an open-source dataset of typological features of Guatemalan languages available for future research and statistical analysis. Alfa version of online atlas is available at link:

[https://sasha-kozhukhar.github.io/guatemala\\_atlas/](https://sasha-kozhukhar.github.io/guatemala_atlas/).

### Bibliography

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