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# 1.2.4 Languages and varieties

## Languages and varieties per chat

In order to assign a language tagging to each chat, we looked at the first 250 messages and assigned two possible attributes per language:

- lang 100 and more: Languages that were found in more than 100 messages
- lang less than 100: Languages that were less frequent

for the following languages:

- fra: Frenchita: Italian
- roh: Any variety of Romansh
- · gsw: dialectal German as used in Switzerland
- deu: non-dialectal German
- eng: Englishspa: Spanish
- sla: Any Slavic language

Please note: In the browsing tool ANNIS, we created sub-corpora per language, where each message appears in one and only one sub-corpus. In most cases, this it the language that delivers more than 100 chats. If there are two languages providing more than 100 messages, we arbitrarily prioritized the languages: ROH > GSW > FRA > DEU > ITA > ENG/SPA/SLA.

If you want to work with all chats that contain a specific language in more than 100 messages, use the query msg & meta::lang 100 and more="fra, gsw" on the whole corpus.

For an overview over languages and varieties in the corpus consult: Ueberwasser, Simone; Stark, Elisabeth (2017): "What's up, Switzerland? A corpus-based research project in a multilingual country". In: Linguistik online, 84/5, 105-126. https://bop.unibe.ch/linguistik-online/article/view/3849/5834

## Languages and varieties per message

The information of the main language of a message is saved in the annotation *most\_likely\_lang* and can thus be queried with e.g. most likely lang="gsw".

Available languages:

- fra: French
- ita: Italian
- roh: Any variety of Romansh
- gsw: dialectal German as used in Switzerland
- deu: non-dialectal German
- eng: Englishspa: Spanish
- sla: Any Slavic language

Romansh varieties:

• roh-ja: Jauer Romansh

roh-sr: romontsch sursilvan
roh-st: rumàntsch sutsilvan
roh-sm: rumantsch surmiran
roh-pt: rumauntsch puter

roh-vl: rumantsch valladerroh-gr: rumantsch grischun

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