**General presentation for verbs**

**Overview**

SMD is presented in an Excel (csv) format

ID

Sound file full path

IMPF IMPF\_TONE\_MEL NEG.IMPF

PFV PFV\_TONE\_MEL NEG.PFV

IRR IRR\_TONE\_MEL NEG.IRR1 NEG.IRR2

VALENCE

SPANISH ENGLISH

CLASS Include a space in the MySQL but do not display

MORPHEMES Include a space in the MySQL but do not display

GLOSSSPANISH GLOSSENGLISH Include a space in the MySQL but do not display

PMx Source

Template Red indicates content from database; Green is unchanging strings with Spanish/English

**IRR** [🕭]SPANISH/ENGLISH [VALENCE] | Proto-mixteco/Proto-Mixtec: PMx Fuente/Source: SOURCE

Potential/Potential: IRR (IRR\_TONE\_MEL) | Neg./Neg.: NEG.IRR1, NEG.IRR2

Incompletivo/Incompletive: IMPF (IMPF\_TONE\_MEL) | Neg./Neg.: NEG.IMPF

Completivo/Completive: PFV (PFV\_TONE\_MEL) | Neg./Neg.: NEG.PFV

[🕭] **Links to sound file by ID**

**kaxá'an**[🕭]comer [intransitivo] | Proto-mixteco: -------------; Fuente: Josserand: 1983:xx; Notas:

**Incompletive** xíxá'an (A.A.M) |  **Neg.:**  kòó xíxá'an

**Completive**ìxìxá'an (B.B.A.M)  | **Neg.**kòó níxìxá'an

**Potential**kaxá'an (M.A.M) |  **Neg.:**  ukáxá'an, ikáxá'an

**kaxá'an**eat [intransitive] | Proto-Mixtec: -----------; Source: Josserand: 1983:xx; Notes: xxx

**Incompletivo** xíxá'an (H.H.M) |  **Neg.:**  kòó xíxá'an

**Completivo**ìxìxá'an (L.L.H.M)  | **Neg.**kòó níxìxá'an

**Potential**kaxá'an (M.H.M) |  **Neg.:**  ukáxá'an, ikáxá'an

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**What value is the headword string?**

Headword is the content of the IRR field/column. In bold. See Template

**What are the other searchable strings?**

**Group 1**

Mixtec words are searchable: IMPF, PFV, IRR

Default search will be for all 3 fields but user can select to limit searches to IMPF, PFV, IRR

Default search will neutralize tone distinctions: kaxa'an will find kaxá'an

Note that there is no need to allow user to search for different tones, e.g., <a> vs. <á> vs. <à> as the Tone Melody field gives this.

**Group 2**

Mixtec negative words are searchable: NEG.IMPF, NEG.PFV, NEG.IRR1 and NEG.IRR2

Default search will be for all 3 fields but user can select to limit searches to NEG.IMPF, NEG.PFV, NEG.IRR1 and NEG.IRR2

Default search will neutralize tone distinctions: kaxa'an will find kaxá'an.

As above: Note that there is no need to allow user to search for different tones, e.g., <a> vs. <á> vs. <à>

**Group 3**

This is simply Group 1 + Group 2, i.e., searching through all 7 fields (3 not negative and 4 negative [2 for IRR])

NOTE: For groups 1, 2 and 3 (concatenated 1 and 2) Please include an option to neutralize glottal stops which can occur between vowels or between vowel and sonorant consonant. This would function like the Vowel Neutralization in Nahuatl. The default will be NO Glottal stop neutralization.

**Group 4**

Depending on the language being used, search Spanish / English

Again accents will be neutralized.

**Group 5**

Valence. Use a pull-down menu. 3 values for valence

intr

trans

ambi and ambi?

**Group 6**

**Tone melody:**

User will have to type in Tone Melody but regular expressions could be activated.

Somewhere there will be a ! which can be rolled over to reveal

English interface: H = High tone, M = Mid tone, L = Low tone; . = syllable boundary

Spanish interface: A = Tono alto; M = Tono medio; B = Tono bajo; . = límite de sílaba

**What are the enumerated values (e.g. verb classes, grammatical categories, etc)?**

This is a verb table to Grammatical categories is not relevant.

Verb classes are not properly in the database yet

**What long texts should be indexed in Elasticsearch?**

There are no long texts for search in Elasticsearch.

Note: The dictionary front matter will be a separate file in any format that works. It will include whatever Sandra wants to include!