

# Introduction to Segmentation

This chapter summarizes the annotation guidelines for sentence segmentation.

The main guideline for demarcating sentences is a combination of final punctuation, space, and a capitalized word. This is supplemented with additional rules that cover abbreviations. These are written with a period, which can also serve as final punctuation (when the abbreviation is at the end of a sentence, e.g., 'itd.') or not (when the abbreviation is in the middle of a sentence, for instance 'itj.'). The final list of abbreviations that fall into either category is included in the Obeliks tool.

For segmenting Slovene non-standard texts, additional rules apply:

- In an entire tweet, check whether automatic sentence segmentation is correct. In the guidelines, the end of a sentence is marked for easier understanding with the symbol ¶.
- If part of the tweet functions as an independent sentence, it is treated as such (“@multikultivator Najbrž ne . ¶ :) ¶ Kot rečeno : bolje BO . ¶ Zrihtamo , ko utegnemo . ¶ ( PS : tudi v veselje " konkurence " ;)").
- The criterion for the end of a sentence is mainly a punctuation mark that acts as the final one in a sentence, e.g., period, exclamation point, question mark, quotation marks, or ellipsis (“Kaj praviš ? ¶ Aha !”).
- Unless there's a good reason to treat something as two sentences, it should remain one (“@urosgruber pri meni naloži CSS .. kar pa ne pomeni , da stran zgleda lepo :)” → one sentence because the dots acts more like a comma than a period).
- The end of a tweet is automatically also the end of a sentence, so this is not marked.

Complex cases:

□ Three dots:

□ Ponavadi je končno ločilo (“@SLO\_Super\_Visor po moje se jo izogiba kot hudič križa. ¶ Glavn da on spet laja ... ¶ :-))))))”).

□ Sometimes three dots indicate just an ellipsis or a pause in the middle of a sentence – in such a case, it's not final punctuation (“To se mi zdi ... neumno.”).

□ Names (@name), emoticons (\o/) or emojis (😊), and hashtags (#hashtag):

□ If they appear in the middle of a sentence, they are part of the sentence (“neka baka :) uleti pa praša če loh gre kr naprej”, “sej #tarca je pa dons kr ok”, “sej je rekla @Sandra d je treba to drgac”).

□ If they appear at the beginning of a tweet, they are treated as part of the first sentence (“@TadejTrcekTITO @lucijausaj @JJansaSDS titek, ne seri. odv. častno razsodišče je JE zgolj za odvetnike.”).

□ If they replace the final punctuation, they mark the end of a sentence (“kot da je to važn :) ¶ nobenga to ne briga vec sploh”).

□ If they follow the final punctuation, they are treated as an independent sentence (“Sonce, sneg in pot pod noge! ¶ :) ¶ Gremo v hribe!”).

□ If several names, emoticons, or hashtags are strung at the end of a sentence, the last element is considered the end of the sentence (“itak ne morm sploh keša dvignt :) @tibonalta #broke” → the end of the sentence is the hashtag #broke).

Segmentation of spoken Slovene is currently done manually based on prosodically or semantically completed units.

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