# Morphological disambiguation by using machine learning methods

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Input examples – before

- Czes (465 102 710)
- Context: word1 word2 word3 class word4 word5 word6;
 class $\in$ {k3c4, k7c7}
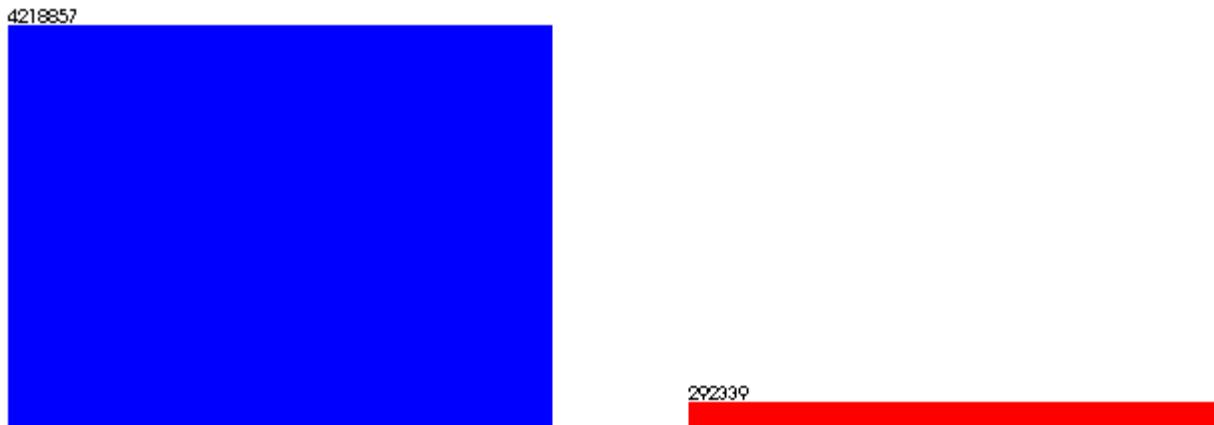
Baseline: 93,5197
Total: 4 511 196
k3c4: 4 218 857
k7c7: 292 339

Input examples – now

- s, z, š, ž
- consonant + s
- 3 consonants
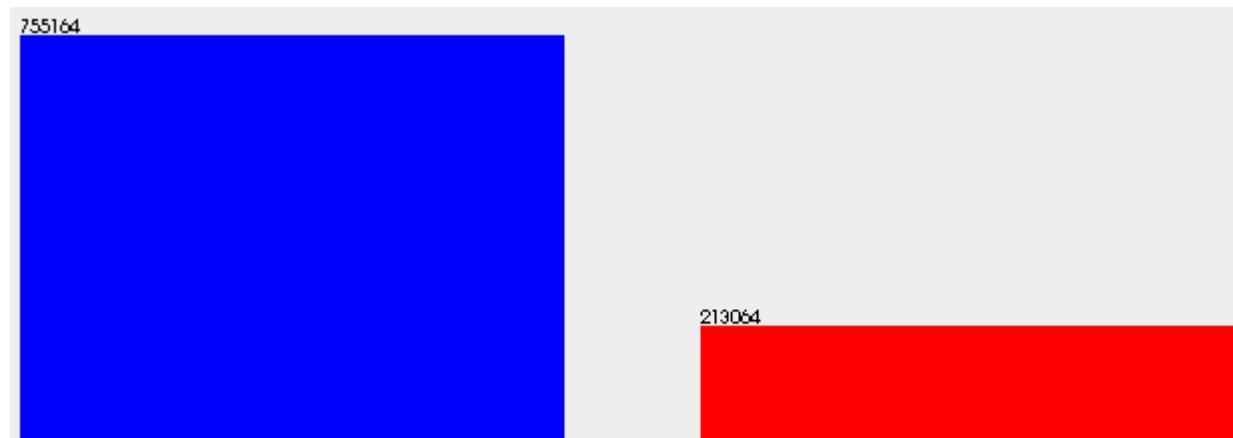
Baseline: 77,99
Total: 968 228
k3c4: 755 164
K7c7: 213 064 (72.9%)

Input examples – word4
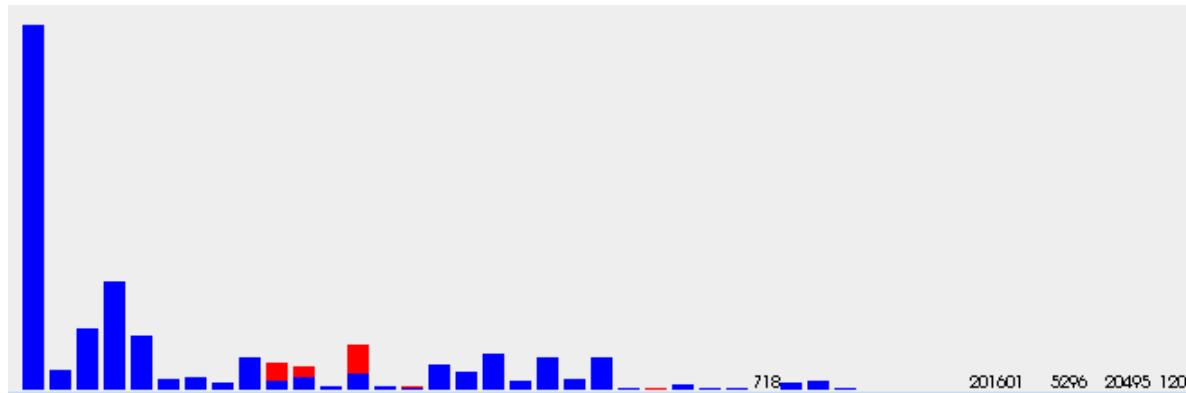
Before: Significant values of attribute: k1c7, k2c7,k3c7
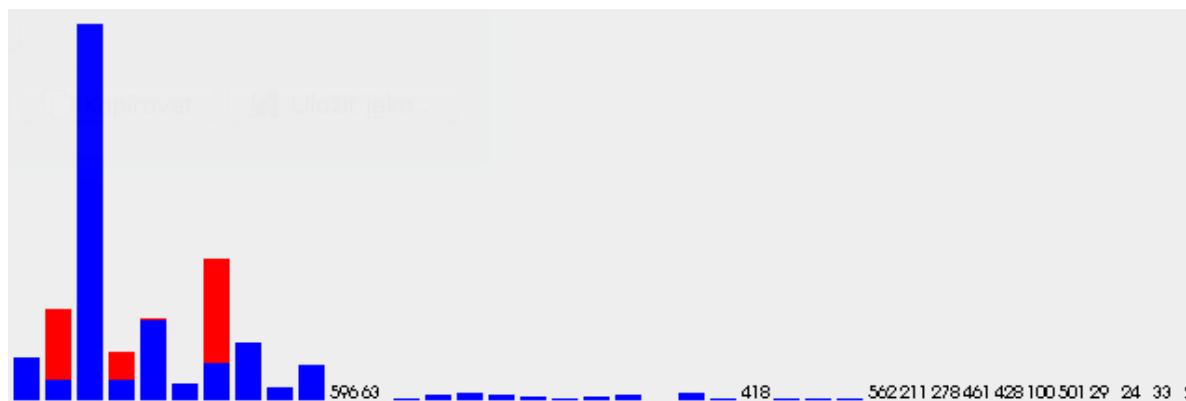
Now: Significant values of attribute: k1c7, k2c7, k3c7

Input examples – word5
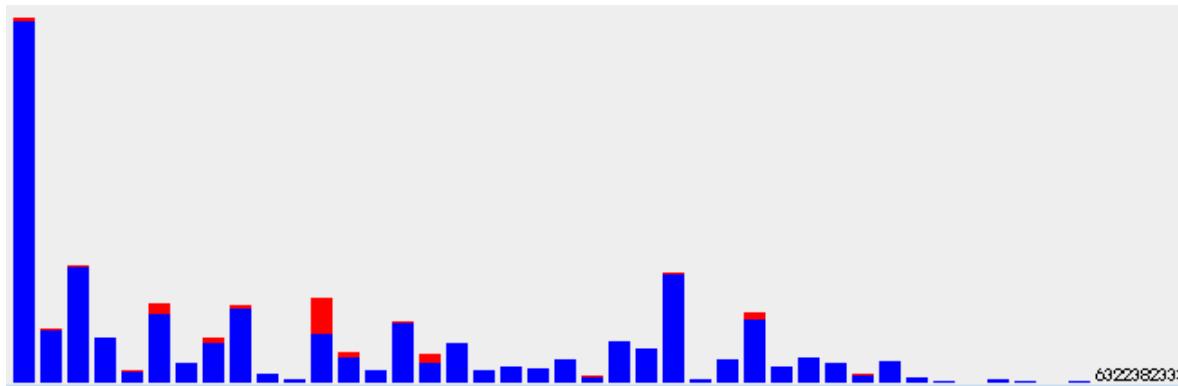
Before: Significant values of attribute: k1c7
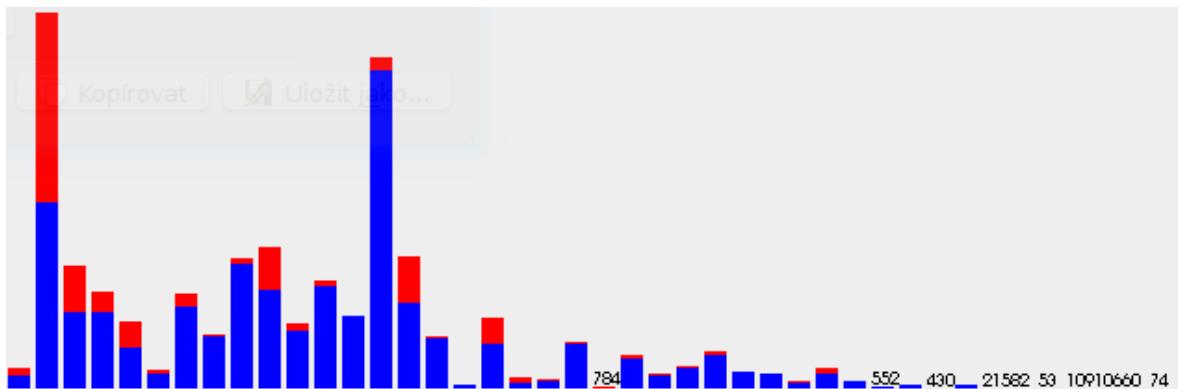
Now: Significant values of attribute: k1c7

Results

	ZeroR	J48	Id3	RF	NBTree	NB
1000	78	95.5	92.1	95.4	**95.7**	92.4

The same number of examples in each class:

	PART	J48	NB	RF	NBTree
426	95.6	**95.7**	93.7	95.4	**95.7**