



## Automated Spelling Correction for Clinical Text Mining in Russian.

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Author: Ksenia Balabaeva  
Anastasia Funkner  
Sergey Kovalchuk

Author Affiliation: ITMO University, Saint Petersburg, Russia.

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Abstract: The main goal of this paper is to develop a spell checker module for clinical text in Russian. The described approach combines string distance measure algorithms with technics of machine learning embedding methods. Our overall precision is 0.86, lexical precision - 0.975 and error precision is 0.74. We develop spell checker as a part of medical text mining tool regarding the problems of misspelling, negation, experimenter and temporality detection.

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