
Contents

PolEval 2021: The Fifth Anniversary	
Maciej Ogrodniczuk, Łukasz Kobyliński	5
Gonito Platform as the Evaluation Engine in PolEval 2021	
Filip Graliński	11
PolEval 2021 Task 1: Punctuation Restoration from Read Text	
Agnieszka Mikołajczyk, Adam Wawrzyński, Piotr Pęzik, Adam Kaczmarek, Michał Adamczyk, Wojciech Janowski	21
Punctuation Restoration with Transformers	
Krzysztof Wróbel, Dmytro Zhylko	33
Comparison of Translation and Classification Approaches for Punctuation Recovery	
Norbert Ropiak, Michał Pogoda, Jarema Radom, Karol Gawron, Michał Swędrowski, Bartłomiej Bojanowski	39
Punctuation Restoration with Ensemble of Neural Network Classifier and Pre-trained Transformers	
Michał Marcińczuk	47
Punctuation Restoration from Read Text with Transformer-based Tagger	
Tomasz Ziętkiewicz	55
PolEval 2021 Task 2: Evaluation of Translation Quality Assessment Metrics	
Krzysztof Wołk, Maciej Szymkowski	61
Simple Recipes for Assessing Translation Quality	
Dariusz Kłeczek	67
Approaching English-Polish Machine Translation Quality Assessment with Neural-based Methods	
Artur Nowakowski	73
Transformer as Machine Translation Evaluation Metrics	
Krzysztof Wróbel	79

PolEval 2021 Task 3: Post-correction of OCR Results

Łukasz Kobyliński, Witold Kieraś, Szymon Rynkun 85

Post-correction of OCR Results Using Pre-trained Language Model

Mateusz Piotrowski 93

OCR Correction with Encoder-Decoder Transformer

Krzysztof Wróbel 97

Simple Yet Effective Method of Post-correcting OCR Errors

Paweł Dyda 103

OCR Post-correction with Heuristics

Michał Marcińczuk 117

PolEval 2021 Task 4: Question Answering Challenge

Maciej Ogrodniczuk, Piotr Przybyła 123

Search-Augmented Question Answering System Using Multilingual Transformer Model

Mateusz Piotrowski 137

Answering Polish Trivia Questions with the Help of Dense Passage Retriever

Aleksander Smywiński-Pohl, Dmytro Zhylko, Krzysztof Wróbel, Magdalena Król 141

Retrieve and Refine System for Polish Question Answering

Piotr Rybak 151

Simple Recipes for Question Answering

Dariusz Kłeczek 159