The DiaL2 project: pipeline, results, news and future work

George Moroz Olga Gich Anna Grishanova Natalia Koshelyuk Chiara Naccarato Anna Panova Anastasia Yakovleva Svetlana Zemicheva

17.09.2024



Nina Dobrushina



Michael Daniel

- Multiple sociolinguistic expeditions to Daghestan
- Several dialect expeditions to Ustya



Nina Dobrushina



Michael Daniel

- Multiple sociolinguistic expeditions to Daghestan
- Several dialect expeditions to Ustya
- Online corpora available for everyone:
 - Corpus of Russian spoken in Daghestan
 - Ustja River Basin Corpus



Nina Dobrushina



Michael Daniel

- Multiple sociolinguistic expeditions to Daghestan
- Several dialect expeditions to Ustya
- Online corpora available for everyone:
 - Corpus of Russian spoken in Daghestan
 - Ustja River Basin Corpus
 - ... and other bilingual and dialect corpora

Resources of the Linguistic Convergence Laboratory

- https://lingconlab.ru/
- 24 dialectal corpora
- 8 bilingual corpora

Dialectal Corpora

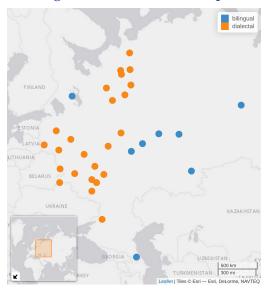
Corpus of the Russian dialect spoken in Khislavichi district 260,793 tok.	the Russian dialect spoken in the villages of the Middle Pyoza 79,566 tok. Corpus of	Zveni 68,32	ian spoken in gorod 4 tok. hnikovo	Corpus of the dialect spoker villages of the Pinega 43,270 tok. Corpus of the Russian dialect spoken in the Mikhaylov ar	in the Middle Corpus 24,414 tok. Corpus of the Russian dialect spoken in Popovka 36,617 tok. Corpus of the Russian dialect spoken in Tserkovnoe
Ustja River	in Nekhochi 88,965 tok.	68,6 Corp Opod diale	68,666 tok. Corpus of Opochetsky dialects 68,741 tok.		Corpus of the Russian dialect spoken in Keba 54,535 tok.
Basin	dialect spoken in the village	Pinega and Vyya Corpus 70,803 tok.		orpus of piridonov ida alect 1,565 tok	the Russian dialect spoken in the villages of
Corpus	the Russian dialect spoken in Manturovo 113,837 tok.		Corpus of Rogovatka dialect 100,047 tok.		Shetnevo and Makeevo dialect 95,335 tok.
959,782	Corpus of Lukh and Teza river basins dialects		Corpus of the Russia dialect spo in the village Malinino	ken	Corpus of the Russian dialect spoken in Ilmen Lake district
ILUN.	146,350 tok.		138,943 to	k.	134,207 tok.

Bilingual Corpora

Khanty Russian Corpus Corpus of 40.225 tok. Russian spoken in Corpus of Corpus of Russian Russian spoken by spoken in Daghestan Chuvashia the Roma 46,307 tok. 41,767 tok. 376,717 tok. Corpus of Russian spoken in Mari El Corpus of 69,109 tok. Corpus of Karelian Russian spoken in Bashkortostan 93,127 tok. Russian Corpus of Russian spoken by the Besermans 578,646 tok. 97,216 tok.

Precursors of the project The DiaL2 project The DiaL2 pipeline The DiaL2 results The DiaL2 sideproject Future plans References

Bilingual and Dialectal Corpora



Can we analyze variation of linguistic features across all corpora?

Can we analyze variation of linguistic features across all corpora?

What are the factors that influence variation?

Can we analyze variation of linguistic features across all corpora?

What are the factors that influence variation?

Can we find different variation patterns?

The DiaL2 project

The DiaL2 team









Maria Ermolova

Anna Grishanova

Natalia Koshelyuk

George Moroz







Chiara Naccarato

Anastasia Yakovleva

Svetlana Zemicheva

The DiaL2 pipeline

The DiaL2 results

The DiaL2 sideproject

Future plans

References I

George Moroz. *lingtypology: easy mapping for Linguistic Typology*, 2017. URL https://CRAN.R-project.org/package=lingtypology.