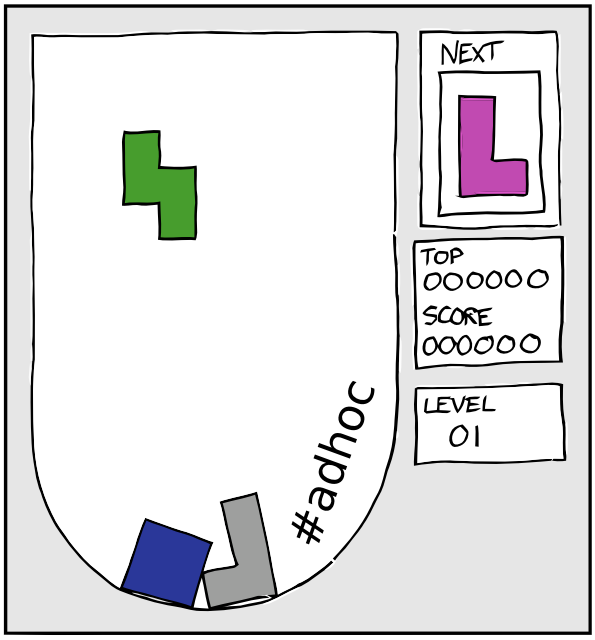
SPMRL-SANCL 2014

First Joint Workshop on Statistical Parsing of Morphologically Rich Languages and Syntactic Analysis of Non-Canonical Languages (SPMRL-SANCL 2014)



Proceedings of the Workshop

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Proceedings of the First Joint Workshop on Statistical Parsing of Morphologically Rich Languages and Syntactic Analysis of Non-canonical Language (SPMRL-SANCL)

Yoav Goldberg, Yuval Marton, Yannick Versley, Özlem Çetinoğlu, Ines Rehbein, Joel Tetreault, Sandra Kübler, Djamé Seddah and Reut Tsarfaty (eds.)

Introduction

The papers in these proceedings were presented at the First Joint Workshop on Statistical Parsing of Morphologically Rich Languages and Syntactic Analysis of Non-Canonical Languages (SPMRL-SANCL 2014), held in Seattle, USA, on October 18th, 2013, in conjunction with the 25th international Conference on Computational Linguistics (Coling 2014).

SPMRL-SANCL is endorsed by the ACL SIGPARSE interest group and provides a forum for research in parsing morphologically-rich languages and non-canonical language, with the goal of identifying cross-cutting issues in the annotation and parsing methodology, in the face of more flexible word order and/or higher word-form variation, or lexical sparseness and ad-hoc structures than English newspaper text.

SPMRL has also been host to discussions on realistic and appropriate evaluation methods that can be applied in the face of morphological and/or segmentation ambiguities; these discussions have culminated in the first shared task for parsing morphologically-rich languages, co-located with SPMRL 2013, and the second shared task for semi-supervised parsing of morphologically-rich languages, co-located with SPMRL 2014. The proceedings include nine contributions to the workshop as well as one system description from the shared task. The workshop included a keynote talk by Joakim Nivre (Uppsala).

We would like to thank all submitting authors for their contributions, the program committee for their fine work on reviewing the submissions, the participants of the shared task for their contributions and of course our invited speaker. For their precious help preparing the SPMRL 2014 Shared Task and for allowing their data to be part of it, we warmly thank and the Linguistic Data Consortium, the Knowledge Center for Processing Hebrew (MILA), the Ben Gurion University, Columbia University, Institute of Computer Science (Polish Academy of Sciences), Korea Advanced Institute of Science and Technology, University of the Basque Country, Uppsala University, University of Stuttgart, University of Szeged, University Paris Diderot (Paris 7), University of Marne La Vallée, and University of Tübingen. We gratefully acknowledge the contribution of Språkbanken and the University of Gothenburg for providing the PAROLE corpus and the help of Dr. Jungyeul Park and Prof. Key-Sun Cho for the KAIST annotated news corpus. Finally, we would also like to thank the ACL SIGPARSE interest group for their endorsement, for the support of INRIA's Alpage project, and everybody who participated in the workshop and contributed to the discussions.

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(Workshop organisers)

Sandra Kübler, Djamé Seddah and Reut Tsarfaty
(Shared Task organisers)

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Conference Program

Sunday August 24, 2014

9:00 Opening

9:05 Invited Talk: Universal Dependency Parsing (Joakim Nivre)

SPMRL

10:00 *Parsing German: How Much Morphology Do We Need?*
Wolfgang Maier, Sandra Kübler, Daniel Dakota and Daniel Whyatt

10:30 (coffee break)

11:00 *Joint Ensemble Model for POS Tagging and Dependency Parsing*
Iliana Simova, Dimitar Vasilev, Alexander Popov, Kiril Simov and Petya Osenova

11:30 *Improving the parsing of French coordination through annotation standards and targeted features*
Assaf Urieli

12:00 *Experiments with Easy-first nonprojective constituent parsing*
Yannick Versley

12:25 (lunch)

SANCL

14:00 *Exploring Options for Fast Domain Adaptation of Dependency Parsers*
Viktor Pekar, Juntao Yu, Mohab El-karef and Bernd Bohnet

14:30 *Self-Training for Parsing Learner Text*
Aoife Cahill, Binod Gyawali and James Bruno

14:50 *The effect of disfluencies and learner errors on the parsing of spoken learner language*
Andrew Caines and Paula Buttery

15:30 Poster session (SPMRL short papers and shared task)

Sunday August 24, 2014 (continued)

SPMRL short papers

Initial Explorations in Two-phase Turkish Dependency Parsing by Incorporating Constituents
İlknur Durgar El-Kahlout, Ahmet Afşın Akın and Ertugrul Yılmaz

Experiments for Dependency Parsing of Greek
Prokopis Prokopidis and Haris Papageorgiou

SANCL special session

I lack words and I don't know why: Solving elliptical structures in the syntactic annotation of private letters (Clara Pinto and Catarina Carvalheiro)

SPMRL shared task

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