

1st Workshop on Tools and Resources to Empower People with REAding Difficulties (READI 2020)

Marseille, France
11-16 May 2020

Editors:

**Núria Gala
Rodrigo Wilkens**

ISBN: 978-1-7138-1275-3

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2020) by the Association for Computational Linguistics
All rights reserved.

Copyright for individual papers remains with the authors and are licensed under a Creative Commons 4.0 license, CC-BY-NC. (<https://creativecommons.org/licenses/by-nc/4.0/>)

Printed with permission by Curran Associates, Inc. (2020)

For permission requests, please contact the Association for Computational Linguistics at the address below.

Association for Computational Linguistics
209 N. Eighth Street
Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006

Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

<i>Disambiguating Confusion Sets as an Aid for Dyslexic Spelling</i> Steinunn Rut Friðriksdóttir and Anton Karl Ingason	1
<i>Is it simpler? An Evaluation of an Aligned Corpus of Standard-Simple Sentences</i> Evelina Rennes	6
<i>Incorporating Multiword Expressions in Phrase Complexity Estimation</i> Sian Gooding, Shiva Taslimipoor and Ekaterina Kochmar	14
<i>Automatically Assess Children’s Reading Skills</i> Ornella Mich, Nadia Mana, Roberto Gretter, Marco Matassoni and Daniele Falavigna	20
<i>Text Simplification to Help Individuals with Low Vision Read More Fluently</i> Lauren Sauvan, Natacha Stolowy, Carlos Aguilar, Thomas François, Núria Gala, Frédéric Matonti, Eric Castet and Aurélie Calabrèse	27
<i>Identifying Abstract and Concrete Words in French to Better Address Reading Difficulties</i> Daria Goriachun and Núria Gala	33
<i>Benchmarking Data-driven Automatic Text Simplification for German</i> Andreas Säuberli, Sarah Ebling and Martin Volk	41
<i>Visualizing Facets of Text Complexity across Registers</i> Marina Santini, Arne Jonsson and Evelina Rennes	49
<i>CompLex — A New Corpus for Lexical Complexity Prediction from LikertScale Data.</i> Matthew Shardlow, Marcos Zampieri and Michael Cooper	57
<i>LagunTest: A NLP Based Application to Enhance Reading Comprehension</i> Kepa Bengoetxea, Itziar Gonzalez-Dios and Amaia Aguirregoitia	63
<i>A Lexical Simplification Tool for Promoting Health Literacy</i> Leonardo Zilio, Liana Braga Paraguassu, Luis Antonio Leiva Hercules, Gabriel Ponomarenko, Laura Berwanger and Maria José Bocorny Finatto	70
<i>A multi-lingual and cross-domain analysis of features for text simplification</i> Regina Stodden and Laura Kallmeyer	77
<i>Combining Expert Knowledge with Frequency Information to Infer CEFR Levels for Words</i> Alice Pintard and Thomas François	85
<i>Coreference-Based Text Simplification</i> Rodrigo Wilkens, Bruno Oberle and Amalia Todirascu	93