

First Workshop on Fact Extraction and VERification 2018

Brussels, Belgium
1 November 2018

ISBN: 978-1-5108-7422-0

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© (2018) by the Association for Computational Linguistics
All rights reserved.

Printed by Curran Associates, Inc. (2019)

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>The Fact Extraction and VERification (FEVER) Shared Task</i> James Thorne, Andreas Vlachos, Oana Cocarascu, Christos Christodoulopoulos and Arpit Mittal	1
<i>The Data Challenge in Misinformation Detection: Source Reputation vs. Content Veracity</i> Fatemeh Torabi Asr and Maite Taboada	10
<i>Crowdsourcing Semantic Label Propagation in Relation Classification</i> Anca Dumitrache, Lora Aroyo and Chris Welty	16
<i>Retrieve and Re-rank: A Simple and Effective IR Approach to Simple Question Answering over Knowledge Graphs</i> Vishal Gupta, Manoj Chinnakotla and Manish Shrivastava	22
<i>Information Nutrition Labels: A Plugin for Online News Evaluation</i> Vincentius Kevin, Birte Högden, Claudia Schwenger, Ali Sahan, Neelu Madan, Piush Aggarwal, Anusha Bangaru, Farid Muradov and Ahmet Aker	28
<i>Joint Modeling for Query Expansion and Information Extraction with Reinforcement Learning</i> Motoki Taniguchi, Yasuhide Miura and Tomoko Ohkuma	34
<i>Towards Automatic Fake News Detection: Cross-Level Stance Detection in News Articles</i> Costanza Conforti, Mohammad Taher Pilehvar and Nigel Collier	40
<i>Belittling the Source: Trustworthiness Indicators to Obfuscate Fake News on the Web</i> Diego Esteves, Aniketh Janardhan Reddy, Piyush Chawla and Jens Lehmann	50
<i>Automated Fact-Checking of Claims in Argumentative Parliamentary Debates</i> Nona Naderi and Graeme Hirst	60
<i>Stance Detection in Fake News A Combined Feature Representation</i> Bilal Ghanem, Paolo Rosso and Francisco Rangel	66
<i>Zero-shot Relation Classification as Textual Entailment</i> Abiola Obamuyide and Andreas Vlachos	72
<i>Teaching Syntax by Adversarial Distraction</i> Juho Kim, Christopher Malon and Asim Kadav	79
<i>Where is Your Evidence: Improving Fact-checking by Justification Modeling</i> Tariq Alhindi, Savvas Petridis and Smaranda Muresan	85
<i>Affordance Extraction and Inference based on Semantic Role Labeling</i> Daniel Loureiro and Alípio Jorge	91
<i>UCL Machine Reading Group: Four Factor Framework For Fact Finding (HexaF)</i> Takuma Yoneda, Jeff Mitchell, Johannes Welbl, Pontus Stenetorp and Sebastian Riedel	97
<i>Multi-Sentence Textual Entailment for Claim Verification</i> Andreas Hanselowski, Hao Zhang, Zile Li, Daniil Sorokin, Benjamin Schiller, Claudia Schulz and Iryna Gurevych	103
<i>Team Papelo: Transformer Networks at FEVER</i> Christopher Malon	109

<i>Uni-DUE Student Team: Tackling fact checking through decomposable attention neural network</i> Jan Kowollik and Ahmet Aker	114
<i>SIRIUS-LTG: An Entity Linking Approach to Fact Extraction and Verification</i> Farhad Nooralahzadeh and Lilja Øvrelid	119
<i>Integrating Entity Linking and Evidence Ranking for Fact Extraction and Verification</i> Motoki Taniguchi, Tomoki Taniguchi, Takumi Takahashi, Yasuhide Miura and Tomoko Ohkuma 124	
<i>Robust Document Retrieval and Individual Evidence Modeling for Fact Extraction and Verification.</i> Tuhin Chakrabarty, Tariq Alhindi and Smaranda Muresan	127
<i>DeFactoNLP: Fact Verification using Entity Recognition, TFIDF Vector Comparison and Decomposable Attention</i> Aniketh Janardhan Reddy, Gil Rocha and Diego Esteves	132
<i>An End-to-End Multi-task Learning Model for Fact Checking</i> sizhen li, Shuai Zhao, Bo Cheng and Hao Yang	138
<i>Team GESIS Cologne: An all in all sentence-based approach for FEVER</i> Wolfgang Otto	145
<i>Team SWEEPer: Joint Sentence Extraction and Fact Checking with Pointer Networks</i> Christopher Hidey and Mona Diab	150
<i>QED: A fact verification system for the FEVER shared task</i> Jackson Luken, Nanjiang Jiang and Marie-Catherine de Marneffe	156
<i>Team UMBC-FEVER : Claim verification using Semantic Lexical Resources</i> Ankur Padia, Francis Ferraro and Tim Finin	161
<i>A mostly unlexicalized model for recognizing textual entailment</i> Mithun Paul, Rebecca Sharp and Mihai Surdeanu	166