First Workshop on Learning with Natural Language Supervision (LNLS 2022)

Dublin, Ireland
26 May 2022

ISBN: 978-1-7138-6745-6

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© (2022) by the Association for Computational Linguistics
All rights reserved.

Printed with permission by Curran Associates, Inc. (2023)

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

Finding Sub-task Structure with Natural Language Instruction
Ryokan Ri, Yufang Hou, Radu Marinescu and Akihiro Kishimoto 1

GrammarSHAP: An Efficient Model-Agnostic and Structure-Aware NLP Explainer
Edoardo Mosca, Defne Demirtürk, Luca Mülln, Fabio Raffagnato and Georg Groh 10

Single-Turn Debate Does Not Help Humans Answer Hard Reading-Comprehension Questions
Alicia Parrish, Harsh Trivedi, Ethan Perez, Angelica Chen, Nikita Nangia, Jason Phang and Samuel R. Bowman 17

When Can Models Learn From Explanations? A Formal Framework for Understanding the Roles of Explanation Data
Peter Hase and Mohit Bansal 29

A survey on improving NLP models with human explanations
Mareike Hartmann and Daniel Sonntag 40