Accepted papers - ACL 2022

Main Conference

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A Closer Look at How Fine-tuning Changes BERT	Yichu Zhou, Vivek Srikumar
A Comparative Study of Faithfulness Metrics for Model Interpretability Methods	Chun Sik Chan, Huanqi Kong, LIANG GUANQING
A Comparison of Strategies for Source-Free Domain Adaptation	Xin Su, Yiyun Zhao, Steven Bethard
A Contrastive Framework for Learning Sentence Representations from Pairwise and Triple-wise Perspective in Angular Space	Yuhao Zhang, Hongji Zhu, Yongliang Wang, Nan Xu, XIAOBO LI, Binqiang Zhao
A Functionalist Account of Vowel System Typology	Ryan D Cotterell, Jason Eisner
A Good Prompt Is Worth Millions of Parameters: Low-resource Prompt-based Learning for Vision-Language Models	Woojeong Jin, Yu Cheng, Yelong Shen, Weizhu Chen, Xiang Ren
A Meta-framework for Spatiotemporal Quantity Extraction from Text	Qiang Ning, Ben Zhou, Hao Wu, Haoruo Peng, Chuchu Fan, Matt Gardner
A Model-agnostic Data Manipulation Method for Persona-based Dialogue Generation	Yu Cao, Wei Bi, Meng Fang, Shuming Shi, Dacheng Tao
A Multi-Document Coverage Reward for RELAXed Multi-Document Summarization	Jacob Parnell, Inigo Jauregi Unanue, Massimo Piccardi
A Neural Network Architecture for Program Understanding Inspired by Human Behaviors	Renyu Zhu, Lei Yuan, Xiang Li, Ming Gao, Wenyuan Cai
A Rationale-Centric Framework for Human-in-the-loop Machine Learning	JINGHUI LU, Linyi Yang, Brian Mac Namee, Yue Zhang
A Statutory Article Retrieval Dataset in French	Antoine Louis, Gerasimos Spanakis
A Taxonomy of Empathetic Questions in Social Dialogs	Ekaterina Svikhnushina, Iuliana Voinea, Anuradha Welivita, Pearl Pu

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A Well-Composed Text is Half Done! Composition Sampling for Diverse Conditional Generation	Shashi Narayan, Gonçalo Simões, Yao Zhao, Joshua Maynez, Dipanjan Das, Michael Collins, Mirella Lapata
ABC: Attention with Bounded-memory Control	Hao Peng, Jungo Kasai, Nikolaos Pappas, Dani Yogatama, Zhaofeng Wu, Lingpeng Kong, Roy Schwartz, Noah Smith
Accelerating Code Search with Deep Hashing and Code Classification	Wenchao Gu, Yanlin Wang, Lun Du, Hongyu Zhang, Shi Han, Dongmei Zhang, Michael Lyu
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	Elisabeth Mager, Graham Neubig, Alexis Palmer, Rolando Coto-Solano, Thang Vu, Katharina Kann
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CAMERO: Consistency Regularized Ensemble of Perturbed Language Models with Weight Sharing	Chen Liang, Pengcheng He, Yelong Shen, Weizhu Chen, Tuo Zhao
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Under the Morphosyntactic Lens: A Multifaceted Evaluation of Gender Bias in Speech Translation	Beatrice Savoldi, Marco Gaido, Luisa Bentivogli, Matteo Negri, Marco Turchi
Understanding and Improving Sequence-to-Sequence Pretraining for Neural Machine Translation	Wenxuan Wang, Wenxiang Jiao, Yongchang Hao, Xing Wang, Shuming Shi, Zhaopeng Tu, Michael Lyu
Understanding Gender Bias in Knowledge Base Embeddings	Yupei Du, Qi Zheng, Yuanbin Wu, Man Lan, Yan Yang, Meirong Ma
Understanding Iterative Revision from Human-Written Text	Wanyu Du, Vipul Raheja, Dhruv Kumar, Zae Myung Kim, Melissa Lopez, Dongyeop Kang
Understanding Multimodal Procedural Knowledge by Sequencing Multimodal Instructional Manuals	Te-Lin Wu, Alex Spangher, Pegah Alipoormolabashi, Marjorie Freedman, Ralph M. Weischedel, Nanyun Peng
Unified Speech-Text Pre-training for Speech Translation and Recognition	Yun Tang, Hongyu Gong, Ning Dong, Changhan Wang, Wei-Ning Hsu, Jiatao Gu, Alexei Baevski, Xian Li, Abdelrahman Mohamed, Michael Auli, Juan Pino
Unified Structure Generation for Universal Information Extraction	Yaojie Lu, Qing Liu, Dai Dai, Xinyan Xiao, Hongyu Lin, Xianpei Han, Le Sun, Hua Wu
UniPELT: A Unified Framework for Parameter-Efficient Language Model Tuning	Yuning Mao, Lambert Mathias, Rui Hou, Amjad Almahairi, Hao Ma, Jiawei Han, Scott Yih, Madian Khabsa
UniTE: Unified Translation Evaluation	Yu Wan, Dayiheng Liu, Baosong Yang, Haibo Zhang, Boxing Chen, Derek F. Wong, Lidia S.

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UniTranSeR: A Unified Transformer Semantic Representation Framework for Multimodal Task-Oriented Dialog System	Zhiyuan Ma, Jianjun Li, Guohui Li, Yongjing Cheng
Universal Conditional Masked Language Pre-training for Neural Machine Translation	Pengfei Li, Liangyou Li, Meng Zhang, Minghao Wu, Qun Liu
UniXcoder: Unified Cross-Modal Pre-training for Code Representation	Daya Guo, Shuai Lu, Nan Duan, Yanlin Wang, Ming Zhou, Jian Yin
Unsupervised Corpus Aware Language Model Pre-training for Dense Passage Retrieval	Luyu Gao, Jamie Callan
Unsupervised Dependency Graph Network	Yikang Shen, Shawn Tan, Alessandro Sordoni, Peng Li, Jie Zhou, Aaron Courville
Unsupervised Extractive Opinion Summarization Using Sparse Coding	Somnath Basu Roy Chowdhury, Chao Zhao, Snigdha Chaturvedi
Updated Headline Generation: Creating Updated Summaries for Evolving News Stories	Sheena Panthaplackel, Adrian Benton, Mark Dredze
Upstream Mitigation Is Not All You Need: Testing the Bias Transfer Hypothesis in Pre-Trained Language Models	Ryan Steed, Swetasudha Panda, Ari Kobren, Michael L Wick
Using Context-to-Vector with Graph Retrofitting to Improve Word Embeddings	Jiangbin Zheng, Yile Wang, Ge Wang, Jun Xia, Yufei Huang, Guojiang Zhao, Yue Zhang, Stan Z. Li
VALSE: A Task-Independent Benchmark for Vision and Language Models Centered on Linguistic Phenomena	Letitia Parcalabescu, Michele Cafagna, Lilitta Muradjan, Anette Frank, Iacer Calixto, Albert Gatt
VALUE: Understanding Dialect Disparity in NLU	Caleb Ziems, Jiaao Chen, Camille Harris, Jessica Anderson, Diyi Yang
Variational Graph Autoencoding as Cheap Supervision for AMR Coreference Resolution	Irene Li, Linfeng Song, Kun Xu, Dong Yu
Vision-and-Language Navigation: A Survey of Tasks, Methods, and Future Directions	Jing Gu, Eliana Stefani, Qi Wu, Jesse Thomason, Xin Eric Wang
Vision-Language Pre-Training for Multimodal Aspect-Based Sentiment Analysis	Yan Ling, Jianfei Yu, Rui Xia
Visual-Language Navigation Pretraining via Prompt-based Environmental Self-exploration	Xiwen Liang, Fengda Zhu, Li Lingling, Hang Xu, Xiaodan Liang
WatClaimCheck: A new Dataset for Claim Entailment and Inference	Kashif Khan, Ruizhe Wang, Pascal Poupart
Weakly Supervised Word Segmentation for Computational Language Documentation	Shu Okabe, Laurent BesacierUGA, François Yvon
What does the sea say to the shore? A BERT based DST style approach for speaker to dialogue attribution in novels	Carolina Cuesta-Lazaro, Animesh Prasad, Trevor Wood
What Makes Reading Comprehension Questions Difficult?	Saku Sugawara, Nikita Nangia, Alex Warstadt, Samuel R. Bowman

When did you become so smart, oh wise one?! Sarcasm Explanation in Multi-modal Multi-party Dialogues	Shivani Kumar, Atharva Kulkarni, Md Shad Akhtar, Tanmoy Chakraborty
Where to Go for the Holidays: Towards Mixed-Type Dialogs for Clarification of User Goals	Zeming Liu, Jun Xu, Zeyang Lei, Haifeng Wang, Zheng-Yu Niu, Hua Wu
Which side are you on? Insider-Outsider classification in conspiracy-theoretic social media	Pavan S Holur, Tianyi Wang, Shadi Shahsavari, Timothy R Tangherlini, Vwani P Roychowdhury
WikiDiverse: A Multimodal Entity Linking Dataset with Diversified Contextual Topics and Entity Types	Xuwu Wang, Junfeng Tian, Min Gui, Zhixu Li, Rui Wang, Ming Yan, Lihan Chen, Yanghua Xiao
Word Order Does Matter and Shuffled Language Models Know It	Mostafa Abdou, Vinit Ravishankar, Artur Kulmizev, Anders Søgaard
Word Segmentation as Unsupervised Constituency Parsing	Raquel G. Alhama
Word2Box: Capturing Set-Theoretic Semantics of Words using Box Embeddings	Shib Sankar Dasgupta, Michael Boratko, Siddhartha Mishra, Shriya Atmakuri, Dhruvesh Patel, Xiang Lorraine Li, Andrew McCallum
XLM-E: Cross-lingual Language Model Pre-training via ELECTRA	Zewen Chi, Shaohan Huang, Li Dong, Shuming Ma, Bo Zheng, Saksham Singhal, Payal Bajaj, Xia Song, Xian-Ling Mao, Heyan Huang, Furu Wei
You might think about slightly revising the title: Identifying Hedges in Peer-tutoring Interactions	Yann Raphalen, Chloé Clavel, Justine Cassell
Your Answer is Incorrect... Would you like to know why? Introducing a Bilingual Short Answer Feedback Dataset	Anna Filighera, Siddharth Singh Parihar, Tim Steuer, Tobias Meuser, Sebastian Ochs
Zero-Shot Cross-lingual Semantic Parsing	Tom Sherborne, Mirella Lapata
Zoom Out and Observe: News Environment Perception for Fake News Detection	Qiang Sheng, Juan Cao, Xueyao Zhang, Rundong Li, Danding Wang, Yongchun Zhu

Short Papers

Title	**Authors**
A Copy-Augmented Generative Model for Open-Domain Question Answering	Shuang Liu, Dong Wang, Xiaoguang Li, Minghui Huang, Meizhen Ding
A Flexible Multi-Task Model for BERT Serving	Tianwen Wei, Jianwei Qi, Shenghuan He
A Recipe for Arbitrary Text Style Transfer with Large Language Models	Emily Reif, Daphne Ippolito, Ann Yuan, Andy Coenen, Chris Callison-Burch, Jason Wei
A Risk-Averse Mechanism for Suicidality Assessment on Social Media	Ramit Sawhney, Atula Tejaswi Neerkaje, Manas Gaur
A Simple but Effective Pluggable Entity Lookup Table for Pre-trained Language Models	Deming Ye, Yankai Lin, Peng Li, Maosong Sun, Zhiyuan Liu
Adjusting the Precision-Recall Trade-Off with Align-and-Predict Decoding for Grammatical Error Correction	Xin Sun, Houfeng Wang

An Analysis of Negation in Natural Language Understanding Corpora	Md Mosharaf Hossain, Dhivya Chinnappa, Eduardo Blanco
An Embarrassingly Simple Method to Mitigate Undesirable Properties of Pretrained Language Model Tokenizers	Valentin Hofmann, Hinrich Schuetze, Janet B. Pierrehumbert
Analyzing Wrap-Up Effects through an Information-Theoretic Lens	Clara Isabel Meister, Tiago Pimentel, Thomas Hikaru Clark, Ryan D Cotterell, Roger P. Levy
Are Shortest Rationales the Best Explanations for Human Understanding?	Hua Shen, Tongshuang Wu, Wenbo Guo, Ting-Hao Huang
As Little as Possible, as Much as Necessary: Detecting Over- and Undertranslations with Contrastive Conditioning	Jannis Vamvas, Rico Sennrich
Augmenting Document Representations for Dense Retrieval with Interpolation and Perturbation	Soyeong Jeong, Jinheon Baek, Sukmin Cho, Sung Ju Hwang, Jong C. Park
Automatic Detection of Entity-Manipulated Text using Factual Knowledge	Ganesh Jawahar, Muhammad Abdul-Mageed, Laks V. S. Lakshmanan
BitFit: Simple Parameter-efficient Fine-tuning for Transformer-based Masked Language-models	Elad Ben Zaken, Yoav Goldberg, Shauli Ravfogel
Buy Tesla, Sell Ford: Assessing Implicit Stock Market Preference in Pre-trained Language Models	Chengyu Chuang, Yi Yang
C-MORE: Pretraining to Answer Open-Domain Questions by Consulting Millions of References	Xiang Yue, Xiaoman Pan, Wenlin Yao, Dian Yu, Dong Yu, Jianshu Chen
Can a Transformer Pass the Wug Test? Tuning Copying Bias in Neural Morphological Inflection Models	Ling Liu, Mans Hulden
Can Visual Dialogue Models Do Scorekeeping? Exploring How Dialogue Representations Incrementally Encode Shared Knowledge	Brielen Madureira, David Schlangen
Canary Extraction in Natural Language Understanding Models	Rahil Parikh, Christophe Dupuy, Rahul Gupta
CoDA21: Evaluating Language Understanding Capabilities of NLP Models With Context-Definition Alignment	Lütfi Kerem Senel, Timo Schick, Hinrich Schuetze
Code Synonyms Do Matter: Multiple Synonyms Matching Network for Automatic ICD Coding	Zheng Yuan, Chuanqi Tan, Songfang Huang
Complex Evolutional Pattern Learning for Temporal Knowledge Graph Reasoning	Zixuan Li, Saiping Guan, Xiaolong Jin, Weihua Peng, Yajuan Lyu, Yong Zhu, Long Bai, Wei Li, Jiafeng Guo, Xueqi Cheng
Contrastive Learning-Enhanced Nearest Neighbor Mechanism for Multi-Label Text Classification	Xi'ao Su, Ran Wang, Xinyu Dai
Counterfactual Explanations for Natural Language Interfaces	George Tolkachev, Stephen Mell, Stephan Zdancewic, Osbert Bastani
Data Contamination: From Memorization to Exploitation	Inbal Magar, Roy Schwartz
Detecting Annotation Errors in Morphological Data with the Transformer	Ling Liu, Mans Hulden
Developmental Negation Processing in Transformer Language Models	Antonio Laverghetta Jr., John Licato

Direct parsing to sentiment graphs	David Samuel, Jeremy Barnes, Robin Kurtz, Stephan Oepen, Lilja Øvrelid, Erik Velldal
DiS-ReX: A Multilingual Dataset for Distantly Supervised Relation Extraction	Abhyuday Bhartiya, Kartikeya Badola, Mausam .
Disentangled Knowledge Transfer for OOD Intent Discovery with Unified Contrastive Learning	Yutao Mou, Keqing He, Yanan Wu, Zhiyuan Zeng, Hong Xu, Huixing Jiang, Wei Wu, Weiran Xu
DMix: Adaptive Distance-aware Interpolative Mixup	Ramit Sawhney, Megh Thakkar, Shrey Pandit, Ritesh Singh Soun, Di Jin, Diyi Yang, Lucie Flek
Does BERT Know that the IS-A Relation Is Transitive?	Ruixi Lin, Hwee Tou Ng
DQ-BART: Efficient Sequence-to-Sequence Model via Joint Distillation and Quantization	Zheng Li, Zijian Wang, Ming Tan, Ramesh Nallapati, Parminder Bhatia, Andrew Arnold, Bing Xiang, Dan Roth
Efficient Classification of Long Documents Using Transformers	Hyunji Hayley Park, Yogarshi Vyas, Kashif Shah
Estimating the Entropy of Linguistic Distributions	Aryaman Arora, Clara Isabel Meister, Ryan D Cotterell
Event-Event Relation Extraction using Probabilistic Box Embedding	EunJeong Hwang, Jay-Yoon Lee, Tianyi Yang, Dhruvesh Patel, Dongxu Zhang, Andrew McCallum
Exploiting Language Model Prompts Using Similarity Measures: A Case Study on the Word-in-Context Task	Mohsen Tabasi, Kiamehr Rezaee, Mohammad Taher Pilehvar
Fire Burns, Sword Cuts: Commonsense Inductive Bias for Exploration in Text-based Games	Dongwon Kelvin Ryu, Ehsan Shareghi, Meng Fang, Yunqiu Xu, Shirui Pan, Reza Haf
Focus on the Target's Vocabulary: Masked Label Smoothing for Machine Translation	Liang Chen, Runxin Xu, Baobao Chang
Have my arguments been replied to? Argument Pair Extraction as Machine Reading Comprehension	Jianzhu Bao, Jingyi Sun, Qinglin Zhu, Ruifeng Xu
Hierarchical Curriculum Learning for AMR Parsing	Peiyi Wang, Liang Chen, Tianyu Liu, Damai Dai, Yunbo Cao, Baobao Chang, Zhifang Sui
High probability or low information? The probability–quality paradox in language generation	Clara Isabel Meister, Gian Wiher, Tiago Pimentel, Ryan D Cotterell
How Distributed are Distributed Representations? An Observation on the Locality of Syntactic Information in Verb Agreement Tasks	Bingzhi Li, Guillaume Wisniewski, Benoit Crabbé
How does the pre-training objective affect what large language models learn about linguistic properties?	Ahmed Alajrami, Nikolaos Aletras
How reparametrization trick broke differentially-private text representation learning	Ivan Habernal
HYPHEN: Hyperbolic Hawkes Attention For Text Streams	Shivam Agarwal, Ramit Sawhney, Sanchit Ahuja, Ritesh Singh Soun, Sudheer Chava
Investigating person-specific errors in chat-oriented dialogue systems	Koh Mitsuda, Ryuichiro Higashinaka, Tingxuan Li, Sen Yoshida

k-Rater Reliability: The Correct Unit of Reliability for Aggregated Human Annotations	Ka Wong, Praveen Paritosh
Kronecker Decomposition for GPT Compression	Ali Edalati, Marzieh S. Tahaei, Ahmad Rashid, Vahid Partovi Nia, James J. Clark, Mehdi Rezagholizadeh
Learning-by-Narrating: Narrative Pre-Training for Zero-Shot Dialogue Comprehension	Chao Zhao, Wenlin Yao, Dian Yu, Kaiqiang Song, Dong Yu, Jianshu Chen
Leveraging Explicit Lexico-logical Alignments in Text-to-SQL Parsing	Runxin Sun, Shizhu He, Chong Zhu, Yaohan He, Jinlong Li, Jun Zhao, Kang Liu
LM-BFF-MS: Improving Few-Shot Fine-tuning of Language Models based on Multiple Soft Demonstration Memory	Eunhwan Park, Donghyeon Jeon, Seonhoon Kim, Inho Kang, Seung-Hoon Na
Machine Translation for Livonian: Catering to 20 Speakers	Matīss Rikters, Marili Tomingas, Tuuli Tuisk, Valts Ernštreits, Mark Fishel
Mismatch between Multi-turn Dialogue and its Evaluation Metric in Dialogue State Tracking	Takyoung Kim, Hoonsang Yoon, Yukyung Lee, Pilsung Kang, Misuk Kim
Morphological Reinflection with Multiple Arguments: An Extended Annotation schema and a Georgian Case Study	David Guriel, Omer Goldman, Reut Tsarfaty
Multilingual Pre-training with Language and Task Adaptation for Multilingual Text Style Transfer	Huiyuan Lai, Antonio Toral, Malvina Nissim
NoisyTune: A Little Noise Can Help You Finetune Pretrained Language Models Better	Chuhan Wu, Fangzhao Wu, Tao Qi, Yongfeng Huang
On Efficiently Acquiring Annotations for Multilingual Models	Joel Ruben Antony Moniz, Barun Patra, Matthew R. Gormley
On the Effect of Isotropy on VAE Representations of Text	Lan Zhang, Wray Buntine, Ehsan Shareghi
On the Importance of Effectively Adapting Pretrained Language Models for Active Learning	Katerina Margatina, Loic Barrault, Nikolaos Aletras
On the Intrinsic and Extrinsic Fairness Evaluation Metrics for Contextualized Language Representations	Yang Trista Cao, Yada Pruksachatkun, Kai-Wei Chang, Rahul Gupta, Varun Kumar, Jwala Dhamala, Aram Galstyan
P-Tuning: Prompt Tuning Can Be Comparable to Fine-tuning Across Scales and Tasks	Xiao Liu, Kaixuan Ji, Yicheng Fu, Weng Lam Tam, Zhengxiao Du, Zhilin Yang, Jie Tang
PARE: A Simple and Strong Baseline for Monolingual and Multilingual Distantly Supervised Relation Extraction	Vipul Kumar Rathore, Kartikeya Badola, Parag Singla, Mausam .
Pixie: Preference in Implicit and Explicit Comparisons	Amanul Haque, Vaibhav Garg, Hui Guo, Munindar P. Singh
Predicting Difficulty and Discrimination of Natural Language Questions	Matthew Alexander Byrd, Shashank Srivastava
Predicting Sentence Deletions for Text Simplification Using a Functional Discourse Structure	Bohan Zhang, Prafulla Kumar Choubey, Ruihong Huang
PriMock57: A Dataset Of Primary Care Mock Consultations	Alex Papadopoulos Korfiatis, Francesco Moramarco, Radmila Sarac, Aleksandar Savkov

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Primum Non Nocere: Before working with Indigenous data, the ACL must confront ongoing colonialism	Lane Schwartz
Probing the Robustness of Trained Metrics for Conversational Dialogue Systems	Jan Milan Deriu, Don Tuggener, Pius von Däniken, Mark Cieliebak
Problems with Cosine as a Measure of Embedding Similarity for High Frequency Words	Kaitlyn Zhou, Kawin Ethayarajh, Dallas Card, Dan Jurafsky
Region-dependent temperature scaling for certainty calibration and application to class-imbalanced token classification	Hillary Dawkins, Isar Nejadgholi
Rethinking and Refining the Distinct Metric	Siyang Liu, Sahand Sabour, Yinhe Zheng, Pei Ke, Xiaoyan Zhu, Minlie Huang
Revisiting the Compositional Generalization Abilities of Neural Sequence Models	Arkil Patel, Satwik Bhattamishra, Phil Blunsom, Navin Goyal
Rewarding Semantic Similarity under Optimized Alignments for AMR-to-Text Generation	Lisa Jin, Daniel Gildea
S^4-Tuning: A Simple Cross-lingual Sub-network Tuning Method	Runxin Xu, Fuli Luo, Baobao Chang, Songfang Huang, Fei Huang
Sample, Translate, Recombine: Leveraging Audio Alignments for Data Augmentation in End-to-end Speech Translation	Tsz Kin Lam, Shigehiko Schamoni, Stefan Riezler
SCD: Self-Contrastive Decorrelation of Sentence Embeddings	Tassilo Klein, Moin Nabi
Sequence-to-sequence AMR Parsing with Ancestor Information	Chen Yu, Daniel Gildea
Simple and Effective Knowledge-Driven Query Expansion for QA-Based Product Attribute Extraction	Keiji Shinzato, Naoki Yoshinaga, Yandi Xia, Wei-Te Chen
Sub-Word Alignment is Still Useful: A Vest-Pocket Method for Enhancing Low-Resource Machine Translation	Minhan Xu, Yu Hong
Text Smoothing: Enhance Various Data Augmentation Methods on Text Classification Tasks	Xing W, Chaochen Gao, Meng Lin, Liangjun Zang, Songlin Hu
The Power of Prompt Tuning for Low-Resource Semantic Parsing	Nathan Schucher, Siva Reddy, Harm de Vries
To Find Waldo You Need Contextual Cues: Debiasing Who's Waldo	Yiran Luo, Pratyay Banerjee, Tejas Gokhale, Yezhou Yang, Chitta Baral
Towards Consistent Document-level Entity Linking: Joint Models for Entity Linking and Coreference Resolution	Klim Zaporojets, Johannes Deleu, Yiwei Jiang, Thomas Demeester, Chris Develder
Towards Fair Evaluation of Dialogue State Tracking by Flexible Incorporation of Turn-level Performances	Suvodip Dey, Ramamohan Kummara, Maunendra Sankar Desarkar
Translate-Train Embracing Translationese Artifacts	Sicheng Yu, Qianru Sun, Hao Zhang, Jing Jiang
Triangular Transfer: Freezing the Pivot for Triangular Machine Translation	Meng Zhang, Liangyou Li, Qun Liu
(Un)solving Morphological Inflection: Lemma Overlap Artificially Inflates Models' Performance	Omer Goldman, David Guriel, Reut Tsarfaty

Understanding Game-Playing Agents with Natural Language Annotations	Nicholas Tomlin, Andre Wang He, Dan Klein
UniGDD: A Unified Generative Framework for Goal-Oriented Document-Grounded Dialogue	Chang Gao, Wenxuan Zhang, Wai Lam
Unsupervised multiple-choice question generation for out-of-domain Q&A fine-tuning	Guillaume Le Berre, Christophe Cerisara, Philippe Langlais, Guy Lapalme
Voxel-informed Language Grounding	Rodolfo Corona, Shizhan Zhu, Dan Klein, Trevor Darrell
When classifying grammatical role, BERT doesn't care about word order... except when it matters	Isabel Papadimitriou, Richard Futrell, Kyle Mahowald
When to Use Multi-Task Learning vs Intermediate Fine-Tuning for Pre-Trained Encoder Transfer Learning	Orion Weller, Kevin Seppi, Matt Gardner
WLASL-LEX: a Dataset for Recognising Phonological Properties in American Sign Language	Federico Tavella, Viktor Schlegel, Marta Romeo, Aphrodite Galata, Angelo Cangelosi
XDBERT: Distilling Visual Information to BERT from Cross-Modal Systems to Improve Language Understanding	Chan-Jan Hsu, Hung-yi Lee, Yu Tsao
Zero-Shot Dependency Parsing with Worst-Case Aware Automated Curriculum Learning	Miryam de Lhoneux, Sheng Zhang, Anders Søgaard

System Demonstration Papers

Title	**Authors**
DoTAT: A Domain-oriented Text Annotation Tool	Yupian Lin, Tong Ruan, Ming Liang, Tingting Cai, Wen Du, Yi Wang
UKP-SQUARE: An Online Platform for Question Answering Research	Tim Baumgärtner, Kexin Wang, Rachneet Sachdeva, Gregor Geigle, Max Eichler, Clifton Poth, Hannah Sterz, Haritz Puerto, Leonardo F. R. Ribeiro, Jonas Pfeiffer, Nils Reimers, Gözde Şahin, Iryna Gurevych
ViLMedic: a framework for research at the intersection of vision and language in medical AI	Jean-benoit Delbrouck, Khaled Saab, Maya Varma, Sabri Eyuboglu, Pierre Chambon, Jared Dunnmon, Juan Zambrano, Akshay Chaudhari, Curtis Langlotz
TextPruner: A Model Pruning Toolkit for Pre-Trained Language Models	Ziqing Yang, Yiming Cui, Zhigang Chen
AnnIE: An Annotation Platform for Constructing Complete Open Information Extraction Benchmark	Niklas Friedrich, Kiril Gashteovski, Mingying Yu, Bhushan Kotnis, Carolin Lawrence, Mathias Niepert, Goran Glavaš
AdapterHub Playground: Simple and Flexible Few-Shot Learning with Adapters	Tilman Beck, Bela Bohlender, Christina Viehmann, Vincent Hane, Yanik Adamson, Jaber Khuri, Jonas Brossmann, Jonas Pfeiffer, Iryna Gurevych
QiuNiu: A Chinese Lyrics Generation System with Passage-Level Input	Le Zhang, Rongsheng Zhang, Xiaoxi Mao, Yongzhu Chang

Automatic Gloss Dictionary for Sign Language Learners	Chenchen Xu, Dongxu Li, Hongdong Li, Hanna Suominen, Ben Swift
PromptSource: An Integrated Development Environment and Repository for Natural Language Prompts	Stephen Bach, Victor Sanh, Zheng Xin Yong, Albert Webson, Colin Raffel, Nihal V. Nayak, Abheesht Sharma, Taewoon Kim, M Saiful Bari, Thibault Fevry, Zaid Alyafeai, Manan Dey, Andrea Santilli, Zhiqing Sun, Srulik Ben-david, Canwen Xu, Gunjan Chhablani, Han Wang, Jason Fries, Maged Al-shaibani, Shanya Sharma, Urmish Thakker, Khalid Almubarak, Xiangru Tang, Dragomir Radev, Mike Tian-jian Jiang, Alexander Rush
OpenPrompt: An Open-source Framework for Prompt-learning	Ning Ding, Shengding Hu, Weilin Zhao, Yulin Chen, Zhiyuan Liu, Haitao Zheng, Maosong Sun
Guided K-best Selection for Semantic Parsing Annotation	Anton Belyy, Chieh-yang Huang, Jacob Andreas, Emmanouil Antonios Platanios, Sam Thomson, Richard Shin, Subhro Roy, Aleksandr Nisnevich, Charles Chen, Benjamin Van Durme
Hard and Soft Evaluation of NLP models with BOOtSTrap SAmpling - BooStSa	Tommaso Fornaciari, Alexandra Uma, Massimo Poesio, Dirk Hovy
COVID-19 Claim Radar: A Structured Claim Extraction and Tracking System	Manling Li, Revanth Gangi Reddy, Ziqi Wang, Yi-shyuan Chiang, Tuan Lai, Pengfei Yu, Zixuan Zhang, Heng Ji
TS-ANNO: An Annotation Tool to Build, Annotate and Evaluate Text Simplification Corpora	Regina Stodden, Laura Kallmeyer
Language Diversity: Visible to Humans, Exploitable by Machines	Gábor Bella, Erdenebileg Byambadorj, Yamini Chandrashekar, Khuyagbaatar Batsuren, Danish Cheema, Fausto Giunchiglia
CogKGE: A Knowledge Graph Embedding Toolkit and Benchmark for Representing Multi-source and Heterogeneous Knowledge	Zhuoran Jin, Tianyi Men, Hongbang Yuan, Zhitao He, Dianbo Sui, Chenhao Wang, Zhipeng Xue, Yubo Chen, Jun Zhao
Dynatask: A Framework for Creating Dynamic AI Benchmark Tasks	Tristan Thrush, Kushal Tirumala, Anmol Gupta, Max Bartolo, Pedro Rodriguez, Tariq Kane, William Gaviria Rojas, Peter Mattson, Adina Williams, Douwe Kiela
DataLab: A Platform for Data Analysis and Intervention	Yang Xiao, Jinlan Fu, Weizhe Yuan, Vijay Viswanathan, Zhoumianze Liu, Yixin Liu, Graham Neubig, Pengfei Liu
Cue-bot: A Conversational Agent for Assistive Technology	Shachi H Kumar, Hsuan Su, Ramesh Manuvinakurike, Maximilian C Pinaroc, Sai Prasad, Saurav Sahay, Lama Nachman
M-SENA: An Integrated Platform for Multimodal Sentiment Analysis	Huisheng Mao, Ziqi Yuan, Hua Xu, Wenmeng Yu, Yihe Liu, Kai Gao
HOSMEL: A Hot-Swappable Modularized Entity Linking Toolkit for Chinese	Daniel Zhang-li, Jing Zhang, Jifan Yu, Xiaokang Zhang, Peng Zhang, Jie Tang, Juanzi Li
BMInf: An Efficient Toolkit for Big Model Inference and Tuning	Xu Han, Guoyang Zeng, Weilin Zhao, Zhiyuan Liu,

	Zhengyan Zhang, Jie Zhou, Jun Zhang, Jia Chao, Maosong Sun
MMEKG: Multi-modal Event Knowledge Graph towards Universal Representation across Modalities	Yubo Ma, Zehao Wang, Mukai Li, Yixin Cao, Meiqi Chen, Xinze Li, Wenqi Sun, Kunquan Deng, Kun Wang, Aixin Sun, Jing Shao
SocioFillmore: A Tool for Discovering Perspectives	Gosse Minnema, Sara Gemelli, Chiara Zanchi, Tommaso Caselli, Malvina Nissim
TimeLMs: Diachronic Language Models from Twitter	Daniel Loureiro, Francesco Barbieri, Leonardo Neves, Luis Espinosa Anke, Jose Camacho-collados
Adaptor: Objective-Centric Adaptation Framework for Language Models	Michal Štefánik, Vít Novotný, Nikola Groverová, Petr Sojka
QuickGraph: A Rapid Annotation Tool for Knowledge Graph Extraction from Technical Text	Tyler Bikaun, Michael Stewart, Wei Liu

FINDINGS OF ACL 2022

Long Papers

Title	**Authors**
A Few-Shot Semantic Parser for Wizard-of-Oz Dialogues with the Precise ThingTalk Representation	Giovanni Campagna, Sina Semnani, Ryan Kearns, Lucas Jun Koba Sato, Silei Xu, Monica Lam
A Graph Enhanced BERT Model for Event Prediction	Li Du, Xiao Ding, Yue Zhang, ting liu, Bing Qin
A Natural Diet: Towards Improving Naturalness of Machine Translation Output	Markus Freitag, David Vilar, David Grangier, Colin Cherry, George Foster
A Neural Pairwise Ranking Model for Readability Assessment	Justin Lee, Sowmya Vajjala
A Novel Framework Based on Medical Concept Driven Attention for Explainable Medical Code Prediction via External Knowledge	Tao Wang, Linhai Zhang, Chenchen Ye, Junxi Liu, Deyu Zhou
A Novel Perspective to Look At Attention: Bi-level Attention-based Explainable Topic Modeling for News Classification	Dairui Liu, Derek Greene, Ruihai Dong
A Sentence is Worth 128 Pseudo Tokens: A Semantic-Aware Contrastive Learning Framework for Sentence Embeddings	Haochen Tan, Wei Shao, Han Wu, Ke Yang, Linqi Song
A Simple Hash-Based Early Exiting Approach For Language Understanding and Generation	Tianxiang Sun, Xiangyang Liu, Wei Zhu, Zhichao Geng, Lingling Wu, Yilong He, Yuan Ni, Guotong Xie, Xuanjing Huang, Xipeng Qiu
A Slot Is Not Built in One Utterance: Spoken Language Dialogs with Sub-Slots	Sai Zhang, Yuwei Hu, Yuchuan Wu, Jiaman Wu, Yongbin Li, Jian SUN, Caixia Yuan, Xiaojie Wang
A Transformational Biencoder with In-Domain Negative Sampling for Zero-Shot Entity Linking	Kai Sun, Richong Zhang, Samuel Mensah, Yongyi Mao, Xudong Liu

AbductionRules: Training Transformers to Explain Unexpected Inputs	Nathan Young, Qiming Bao, Joshua Ljudo Bensemann, Michael J. Witbrock
Aligned Weight Regularizers for Pruning Pretrained Neural Networks	James O' Neill, Sourav Dutta, Haytham Assem
AMR-DA: Data Augmentation by Abstract Meaning Representation	Ziyi Shou, Yuxin Jiang, Fangzhen Lin
An Accurate Unsupervised Method for Joint Entity Alignment and Dangling Entity Detection	Shengxuan Luo, Sheng Yu
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