

Natural Logic meets Machine Learning (NALOMA) 2021

Workshop @ IWCS 2021, June 16 2021

Invited Speaker: Benjamin Van Durme

Title: Expanding Natural Language Inference

Abstract: Recognizing Textual Entailment was proposed as a way to evaluate the underlying capabilities of systems built to perform a range of downstream tasks with language. Datasets such as SNLI drove research in a new direction, where entailment verification was no longer an evaluation, but a task itself: language understanding through supervised learning over many elicited examples. If NLI is to be a task, then I will suggest the popular definition is not as interesting as what it could be, and will describe efforts demonstrating the obvious: that human intuitions on language are graded, uncertain, in a way not well captured by the standard ternary NLI protocol. It is possible both to elicit more interesting annotations and build models to predict those judgments. Finally, beyond prediction of labels, we might consider moving away from scoring premise/hypothesis pairs altogether in favor of forward inference: generating possible entailments given a context.