Latest News in Computational Argumentation: Surfing on the Deep Learning Wave, Scuba Diving in the Abyss of Fundamental Questions

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1   Abstract of talk

Mining arguments from natural language texts, parsing argumentative structures, and assessing argument quality are among the recent challenges tackled in computational argumentation. While advanced deep learning models provide state-of-the-art performance in many of these tasks, much attention is also paid to the underlying fundamental questions. How are arguments expressed in natural language across genres and domains? What is the essence of an argument's claim? Can we reliably annotate convincingness of an argument? How can we approach logic and common-sense reasoning in argumentation? This talk highlights some recent advances in computational argumentation and shows why researchers must be both "surfers" and "scuba divers".