
Title : Predicting judicial decisions of the European
Court of Human Rights: a NLP perspective

Writer : Nikolaos Aletras, Dimitrios Tsarapatsanis,
Daniel Preoqiuc-Pietro and Vasileios Lampos

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Source :(1) Amazon.com, Cambridge, United Kingdom;
(2) Department of Computer Science, University College
London, University of London, London, United
Kingdom; (3) School of Law, University of Sheffield,
Sheffield, United Kingdom; (4) Positive Psychology
Center, University of Pennsylvania, Philadelphia, United
States; (5) Computer Information Science, University of
Pennsylvania, Philadelphia, United States;

Mohammad Sabik Irbaz (160041004)

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Summary of Abstract :

According to abstract, they built a system with 79% accuracy using binary classification to find if the report of judgement violates any article of human rights. By doing this, actual judicial decisions can be predicted.

Summary of Introduction :

To predict whether a particular Article of the Convention has been violated, given textual evidence extracted from a case, which comprises of specific parts pertaining to the facts, the relevant applicable law and the arguments presented by the parties involved. Main hypotheses are that **(1)** the textual content, and **(2)** the different parts of a case are important factors that influence the outcome reached by the Court. They utilise textual features, i.e., N-grams and topics, to train Support Vector Machine (SVM) classifiers. We apply a linear kernel function that facilitates the interpretation of models in a straightforward manner.