## Filtering lattice-based taxonomies with concept stability: A case study in the analysis of political texts

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We describe an application of formal concept lattices to analyzing manifests presented by several leaders of the French Socialist Party at the recent party congress in Reims. Concept lattices provide a structural description of the topics discussed in the manifests and make it possible to see the differences between the texts, as well as identify common topics. We obtain more compact representation of lattice-based taxonomies by filtering based on extensional and intensional stability of concepts. To be able to compare lattices corresponding to different texts, we define intensional mappings between the concepts of two lattices.