The Core Ontology for Official Statistics

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Abstract

The ModernStats standard models have been developed over the years in a mostly independent way, and with little reference to external initiatives. More recently, an effort has been put towards aligning the models in order to provide a more integrated view.

The development of the Core Ontology for Official Statistics (COOS) is an element of this effort. A dedicated Task Team, launched in 2021 under the Supporting Standards Group, has delivered first versions of key outputs: an ontology specification, a governance document, a URI policy and an OWL ontology. The COOS activity continues in 2022 with specific objectives of integrating feedback from a review by external experts, of developing concrete use cases, and of improving the communication and promotion of the ontology.

The presentation will give an overview of COOS and its positioning in the ModernStats standardization activities, and show by examples how it can be leveraged in different use cases.