FIELDS DESCRIPTION

1 Dataset

The Brazilian Justice Processes dataset contains finished and ongoing processes from six different justice entities. It presents a sample of 30 thousands public processes from each entity.

The dataset was provided in JSON format by *Conselho Nacional de Justiça* (CNJ) during a hackaton competition designed to solve challenges related to productivity and data inconsistencies presented in the justice processes. CNJ, in its turn, obtained the data from DATAJUD database that is a unified system containing Brazilian processes. CNJ recommended caution when using the dataset for research purposes, since it was designed for the hackaton exercise and guarantees are not provided.

The dataset was made available as multiple JSON files distributed in six folders. Each folder represents a realm of Brazilian courts named textitJustiça Federal, Justiça Estadual, Justiça Eleitoral, Justiça do Trabalho and *Tribunais Superiores*. Each JSON file is a list of process instances represented by their respective header and procedural acts (movements). Sensitive information such as related parties and documents were omitted from the dataset.

1.1 Dataset Fields

Each folder of the dataset represents a justice realm. For each process, there is header information and the movements taken by the process while being judged. The most relevant fields are showed in Table 1. Each process may contain only some of the described fields. The *dadosBasicos.assunto* field is an array containing all subjects related to the process. The process subject relates to the subjects discussed in the case do Estado do Espírito Santo [2013]. Each subject is identified by a code. The field *dadosBasicos.assunto.codigoNacional* contains the subject code that is standard and used nationally wide. In contrast, the field *dadosBasicos.assunto.assuntoLocal.codigoAssunto* refer to the code locally used by the court. One can always map the local code to the national equivalent through the field *dadosBasicos.assunto.assuntoLocal.codigoPaiNacional*. The *dadosBasicos.classeProcessual* field contains the standard process class code. Class field refers to procedures adopted in the judicial realm to handle the process. It defines the type of process analysed in conjunction with the subjects. Example of process classes are *Processo Militar* and *Processo Cível e do Trabalho*. Finnlay, The *dadosBasicos.orgaoJulgador.codigoOrgao* contains the code of the court that handled the process.

References

Poder Judiciário do Estado do Espírito Santo. Manual de tabelas processuais unificadas, 2013. URL http://www.tjes.jus.br/PDF/Manual_TabUnif_Usuario_Externo.pdf.

Table 1: Description of fields in process data

Field	Type	Description
dadosBasicos.assunto	array	List containing all subjects related to the process
dadosBasicos.assunto.principal	boolean	Reveals if the given subject is the main subject of the process
dadosBasicos.assunto.codigoNacional	int	Standard code for the given process subject
dadosBasicos.assunto.assuntoLocal.codigoAssunto	int	Local court code for the given subject
dadosBasicos.assunto.assuntoLocal.codigoPaiNacional	int	Equivalent standard subject code for local subject code
dadosBasicos.numero	string	Number given to each process
dadosBasicos.classeProcessual	int	Standard code for the given process class
dadosBasicos.orgaoJulgador.nomeOrgao	string	Name of the court responsible for the process
dadosBasicos.orgaoJulgador.codigoOrgao	int	Code of the court responsible for the process
dadosBasicos.orgaoJulgador.instancia	string	Judging instance of the process. It can be ORIG: original instance where the process has started, REV: revision instance of a process originated in another instance, ESP: special revision instance of a process, EXT: extraordinary revision instance of a process and ADM: management analysis instance.
grau	string	Identifies the level of jurisdiction where the process is found. Possible values are SUP: superior court, G2: second degree, G1: first degree, TR: appeal court, JE: special court, TRU: regional uniformization court, TNU: national uniformization court, TEU: state uniformization court, CJF: federal justice council and CSJT: superior council of labor justice.
movimento	int	List containing all movements related to the process
movimento.movimentoLocal.codigoMovimento	int	Local court code for the given process movement
movimento.movimentoLocal.codigoPaiNacional	int	Standard father code of the local movement code
movimento.movimentoNacional.codigoNacional	int	Standard code for the given process movement
movimento.dataHora	int	Timestamp field for each process movement