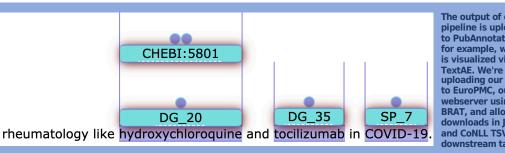
## **Annotating the Pandemic: NER and NEN of LitCovid**

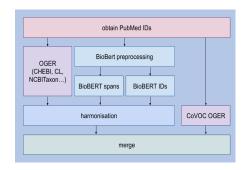
Entity recognition and normalization on COVID-19 literature using a CRAFT-trained BioBERT model for precision and our dictionary-based tool for recall and entity identifiers.



All the data can be found online at covid19.nlp.idsia.ch/lbd.html



The output of our pipeline is uploaded to PubAnnotation, for example, where it is visualized via TextAE. We're also uploading our results to EuroPMC, our own webserver using BRAT, and allowing downloads in JSON and CoNLL TSV for downstream tasks.



vocabulary	PM abstracts	PMC articles
CoVoc	165668	261287
UBERON	79899	204355
NCBITaxon	67278	147524
GO_BP	34510	84604
CHEBI	30720	99673
PR	12319	48471
GO_CC	7656	28738
CL	7332	28849
SO	6801	25017
MOP	449	2559
GO_MF	73	260
total	412 705	931 337

(20k abstracts) and PMC (5k full articles)





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