COVID-19 related paper analysis:

COVID 19-related Large-scale Knowledge Graph Induction:

AI system that automatically analyzes a given large collection of academic papers related to COVID-19 and other 25M abstracts of biomedical papers to substantially augment the existing UMLS knowledge base.

Link: <https://hackmd.io/@CTChU39nQwq3Xqziu97IOA/rk5euLTY8>

Neural Covidex:

Keyword(s)-based CORD-19 data search system

https://www.jaist.ac.jp/is/labs/nguyen-lab/home/neural-covidex

Tools and Data:

Tools

SideNoter:

A Scholarly Paper Browsing System based on PDF Restructuring and Text Annotation

URL: http://sidenoter.nii.ac.jp/acl\_anthology/

logo: http://sidenoter.nii.ac.jp/acl\_anthology/img/sidenoter.svg

PDFNLT:

Tools for Natural Language Text aware PDF structure analysis

URL: https://github.com/KMCS-NII/PDFNLT-1.0

Data

AASC: ACL Anthology Sentence Corpus

A corpus of 2,339,195 natural language sentences extracted from the ACL Anthology

URL: https://github.com/KMCS-NII/AASC

ACL poster corpus

A corpus of academic presentation posters in which contents and styles are disentangled

URL: https://github.com/mynlp/poster\_corpus

RANIS - Relational representation of context-dependent roles on information science papers

A corpus of a set of research abstracts in information science domain with typed entity and relation annotations

URL: https://mynlp.is.s.u-tokyo.ac.jp/ranis/

Termlink

A prototype system for cross-language paper recommendation based on technical term extraction and linking

URL: http://termlink.nii.ac.jp/

LOGO: <http://termlink.nii.ac.jp/images/termlink_logo.png>