R	Datasets	Case-class	Label	F	S	C S	NS	NC	Links	CTP	A
1	China Consortium of Chest CT Image Investigation **(CC-CCII)**	case	Slice-level	PNG	44 GB	Yes	5468	3	https://www.cell.com/cell/pdf/S0092-8674(20)30551-1.pdf http://ncovai.big.ac.cn/download?lang=en lung Segmentation	-	p
2	covid19-lung-ct-scans	class	Slice-level	PNG	1.02 GB	No	8439	2	https://www.kaggle.com/mehradaria/covid19-lung-ct-scans unbalance	-	N
3	CC-19	case	Patient-level	dcm	10 GB	yes	34,006	2	https://github.com/abdkhanstd/COVID-19	HU	Y
4	segmentation with mask	case	Slice-level*	Nii	2 GB	yes	100	-	https://medicalsegmentation.com/covid19/ https://github.com/JoHof/lungmask lung masks convert jpg to nii and reverse https://medium.com/@hbjenssen/covid-19-radiology-data-collection-and-preparation-for-artificial-intelligence-4ecece97bb5b *position slice in nii	-	N
5	COVIDxCT	class	Slice-level	PNG	29GB	No	195000	3	https://www.kaggle.com/hgunraj/covidxct	HU	Y
6	COVID-CTset	case	Patient-level	TIFF	24GB	yes	63849	2	https://www.kaggle.com/mohammadrahimzadeh/covid ctset-a-large-covid19-ct-scans-dataset https://github.com/mr7495/COVID-CTset metadata → window center, window width	16-bit data format instead of	N

										convertin g it to 8bit data	
7	CT Lung and Infection Segmentatio n	case	Slice-level	Nii	1.2 GB	Ye s	20	2	https://zenodo.org/record/3757476#.YLNy-agzbIW	-	N
8	BIMCV-COVID19	Case	patient - level	Nii	-	Ye s	6687	3	https://bimcv.cipf.es/bimcv-projects/bimcv-covid19/ https://arxiv.org/pdf/2006.01174.pdf Segmentation X-ray and CT-scan	-	N
9	COVID-19 CT scans	class	Slice -level	PN G	2 GB	N O	200	2	https://www.kaggle.com/mloey1/covid19-chest-ct-image-augmentation-gan-dataset https://github.com/CSSEGISandData/COVID-19	PyMuPDF	N

S ➔ Size

F ➔ Format

C S ➔ continuity of slices

N S ➔ number of scans

N C ➔ number of classes

CTP ➔ how to Convert To PNG?

A ➔ Availability

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More details 1:

1) COVID19-1.zip to COVID19-31.zip: 31 zip files which contain CT scans of COVID-19 pneumonia.
2) CP-1.zip to CP-32.zip: 32 zip files which contain CT scans of common pneumonia.
3) Normal-1.zip to Normal-27.zip: 27 zip files which contain CT scans of normal controls.
4) metadata.csv : csv file that contains the metadata of this dataset, including patient id,scan id,age,sex,critical illness,liver function,lung function, and time of progression.All of the chest CT and clinical metadate used in our prognosis analysis were collected from patients at the time of hospital admission.
5) unzip_filenames.csv: csv file as a reference for users to check and make sure that all files have been downloaded successfully.
6) lesions_slices.csv: csv file for users to check and track the slices with lesions in the dataset.

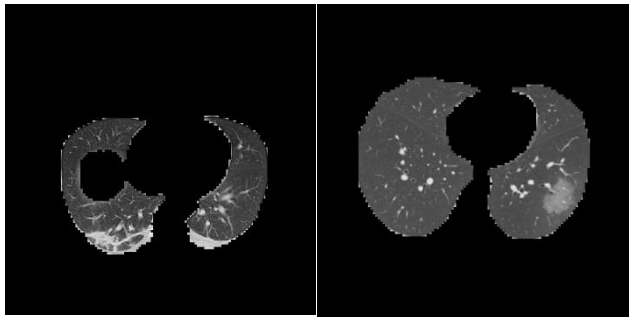

Table 1 Available dataset

R	Datasets	Case-class	Label	F	S	C S	NS	NC	Links	CTP
1	CC-19	case	Patient-level	dcm	10 GB	yes	34,006	2	https://github.com/abdkhanstd/COVID-19	HU
2	COVIDxCT	class	Slice-level	PNG	29GB	No	195000	3	https://www.kaggle.com/hgunraj/covidxct	HU
3	SARS-COV-2 Ct-Scan Dataset	class	Slice-level	PNG	231 MB	No	2482	2	https://www.kaggle.com/plameneduardo/sarscov2-ctscan-dataset	-
4	COVID-19 CT scans	case	Patient-level	Nii	7 GB	yes	20	1	https://www.kaggle.com/andrewmvd/covid19-ct-scans Infection mask, lung and infection mask, lung mask classification/ segmentation	-
5	CT Scans for COVID-19 Classification	class	Slice-level	jpg	4 GB	No	13980	3	https://www.kaggle.com/azaemon/preprocessed-ct-scans-for-covid19 (I) 5705 non-informative CT (NiCT) images where lung parenchyma was not captured for any judgment, (ii) 4001 positive CT (pCT) (iii) 9979 negative CT (nCT)	??/
6	MosMedData Chest CT Scans with COVID-19	case	Patient-level	nii	24 GB	yes	1000	2	https://www.kaggle.com/mathurinache/mosmeddata-chest-ct-scans-with-Covid19 CT0 ➔ Normal CT1, CT2, CT3, CT4 ➔ COVID with different percentage	-
7	Covid 19 CT Scan Dataset	class	Slice-level	PNG jpg	1 GB	No	7621	2	https://www.kaggle.com/drsurabhithorat/covid-19-ct-scan-datasets	?//

8	Shahin data	case	Slice-level	dicom	11.6 GB	yes	248	3	https://github.com/ShahinSHH/COVID-CT-MD	-

Table 2 Un Available dataset

R	Datasets	Case-class	Label	F	S	C S	NS	NC	Links	CTP
1	China Consortium of Chest CT Image Investigation (CC-CCII)	Case	Slice-level	PNG	44 GB	Yes	5468	3	https://www.cell.com/cell/pdf/S0092-8674(20)30551-1.pdf http://ncovai.big.ac.cn/download?lang=en lung Segmentation partial download	-
2	covid19-lung-ct-scans	Class	Slice-level	PNG	1.02 GB	No	8439	2	https://www.kaggle.com/mehradaria/covid19-lung-ct-scans unbalance	-
3	segmentation with mask	Case	Slice-level*	Nii	2 GB	yes	100	-	https://medicalsegmentation.com/covid19/ https://github.com/JoHof/lungmask lung masks convert jpg to nii and reverse https://medium.com/@hbjenssen/covid-19-radiology-data-collection-and-preparation-for-artificial-intelligence-4ecece97bb5b *position slice in nii	-
4	COVID-CTset	Case	Patient-level	TIFF	24 GB	yes	63849	2	https://www.kaggle.com/mohammadrahimzadeh/covidctset-a-large-covid19-ct-scans-dataset https://github.com/mr7495/COVID-CTset	16-bit data format instea

									metadata ➔ window center, window width	d of converting it to 8bit data
5	CT Lung and Infection Segmentation	case	Slice-level	Nii	1.2 GB	Yes	20	2	https://zenodo.org/record/3757476#.YLNy-agzbIW	-
6	BIMCV-COVID19	Case	patient-level	Nii	-	Yes	66873	3?	https://bimcv.cipf.es/bimcv-projects/bimcv-covid19/ https://arxiv.org/pdf/2006.01174.pdf Segmentation X-ray and CT-scan	-
7	COVID-19 CT scans	class	Slice-level	PNG	2 GB	NO	200	2	https://www.kaggle.com/mloey1/covid19-chest-ct-image-augmentation-gan-dataset https://github.com/CSSEGISandData/COVID-19	PyMuPDF
8	COVID-19 CT scans	class	Slice-level	PNG	93 MB	No	746	2	https://www.kaggle.com/luisblanche/covidct	PyMuPDF
9	Large COVID-19 CT scan slice dataset	class	Slice-level	PNG	2 GB	No	14486	3	https://www.kaggle.com/maedemaftouni/large-covid19-ct-slice-dataset	-
10	COVID-CT-Dataset	class	Slice-level	PNG	55 MB	No	275	1	https://www.kaggle.com/xuehaihe/covidct	HU

11	National COVID-19 Chest Imaging Database (NCCID)			dicom					https://www.nhsx.nhs.uk/covid-19-response/data-and-covid-19/national-covid-19-chest-imaging-database-nccid/#request	