Deep Learning models for COVID-19 diagnosis in the post-pandemic era
Direct access to CXR COVID-19 predictions in the emergency room

CXR dataset: COVID-19 vs Controls

Deep Learning model

Deployment

07/03/20

25/04/20
COVID-19 pandemic is an evolving entity
MultiCOVID model merges CXR and blood test information

Lung annotated masks & CXR v2 dataset:

COVID-19
Control
Heart Failure (HF)
Non-COVID Pneumonia (NCP)

Blood test dataset:

Multi-input Deep Learning model (MultiCOVID)
Conclusions

• Diverse team projects can go a step further

• Using multiple input data could bring broader models

• An evolving scenario needs a permanent re-evaluation
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THANK YOU!

Joan Gibert Fernandez, PhD
@JoanGibert4