

Section 2

Overview of Datasets

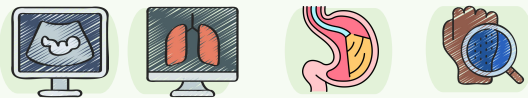
Scope 1000+ datasets

Comprehensive
data coverage

Licenses

Dimensions 2D 3D Video

Modalities

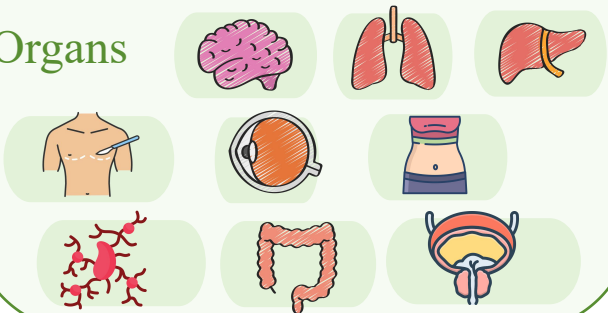


Tasks Cls Det

Seg Reg Re

Gen Tracking

Organs



Section 3

2D Datasets

Tasks :

- Generation
- Classification
- Detection
- Segmentation

Organs :

- Retina
- Breast
- Brain
- Colon

Benchmarks :

- EyePACS
- CoronaHack
- MedMNIST
- RadImageNet
- CheXmask
- CREMI

Section 4

3D Datasets

Tasks :

- Segmentation
- Detection
- Registration
- Reconstruction

Organs :

- Brain
- Liver
- Prostat
- Heart

Benchmarks :

- AutoPET
- MM-WHS
- Narratives
- CT-RATE
- AbdomenCT-1K

Section 5

Video Datasets

Tasks :

- Recognition
- Tracking
- Segmentation
- Detection

Organs :

- Colon
- Stomach
- Esophagus
- Retina

Benchmarks :

- EndoVis
- Cataract-1K
- AVOS
- SurgVisDom
- SARAS-MESAD

Section.6

Dataset Merging Paradigm



Metadata
Standardization



Semantic
Alignment



Integration
Blueprint



Index &
Share

Section.7

Challenges & Discussion



Data Gaps & Bias



Evaluation for FMs



Opportunities