

Video: Ground Truth and Consensus Voting

Ground Truth /
Reference Standard

Chest
X-ray



Pneumonia

Other disease

Radiologist 1

Radiologist 2

Inter-observer disagreement

Solution: → Consensus voting (majority votes)

More definitive test (CT, MRI, Histology)

3 key challenges (Testing)

Patient overlap

Set Sampling

Ground truth

Split by patient

Minority class
Sampling

Consensus voting
/ more definitive
test