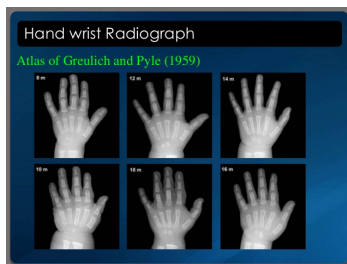# IBIIS Retreat
Affiliated Faculty

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Machine learning

Performance of a Deep Neural Network Model

in Assessing Skeletal Maturity on Pediatric Hand Radiographs

David B. Larson, MD, MBA
Matthew C. Chen
Matthew P. Lungren, MD, MHA
Safwan Halabi, MD
Curtis P. Langlotz, MD, PhD
August 30, 2016

Stanford University School of Medicine
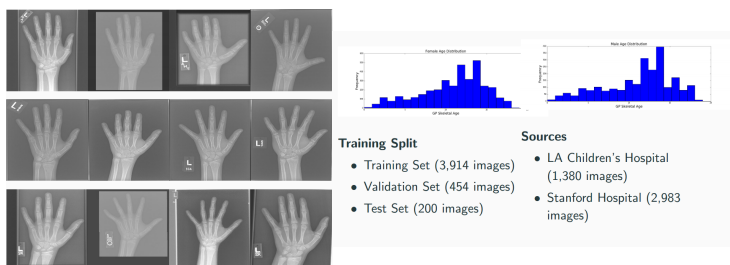
Bone age

Classic segmentation methods

Data set

Saliency maps
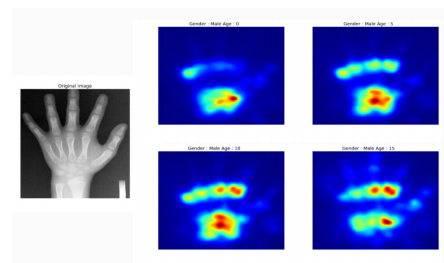
Machine learning - Head US