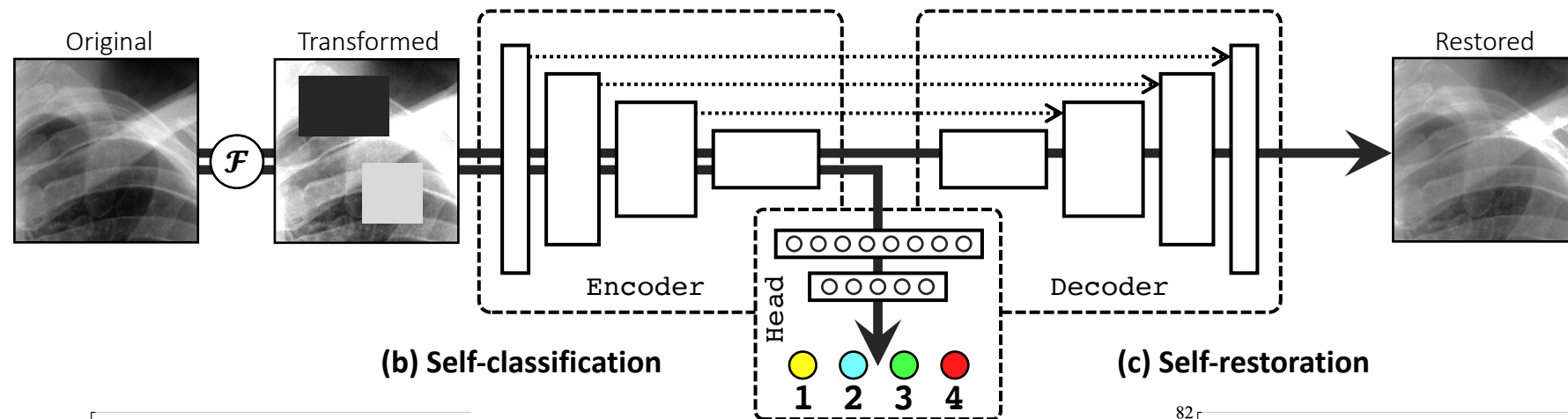
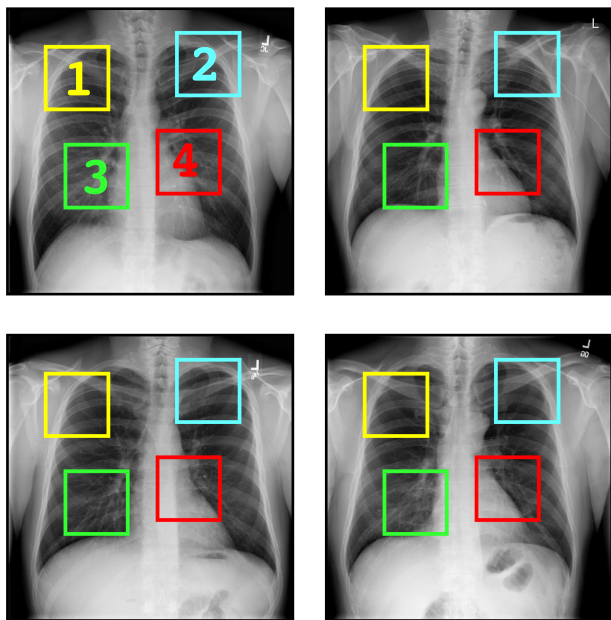


Semantic Genesis

Learning Semantically-enriched Representation from Recurring Anatomical Patterns by Self-discovery, Self-classification, and Self-restoration

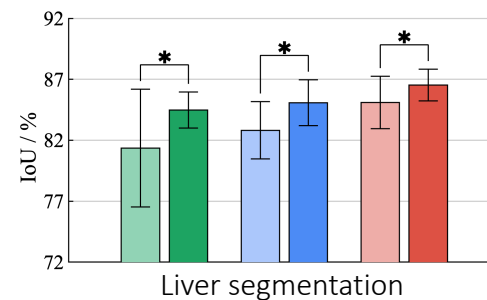
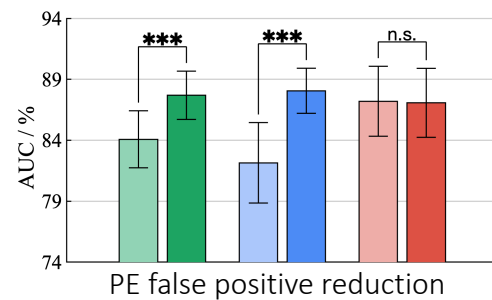
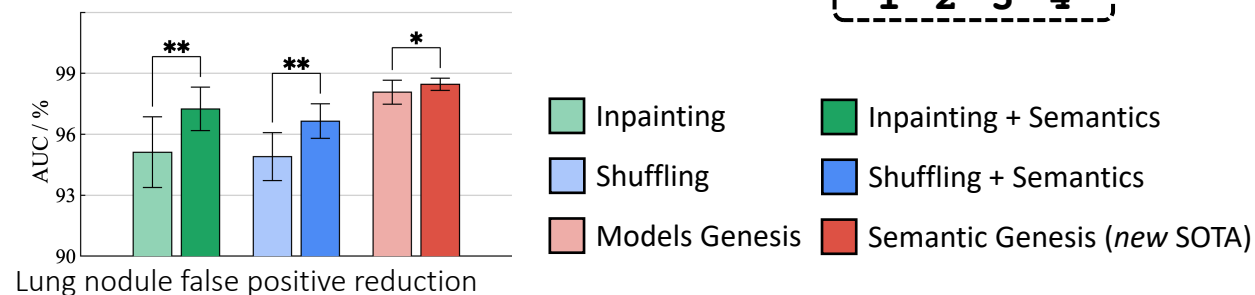


(a) Self-discovery

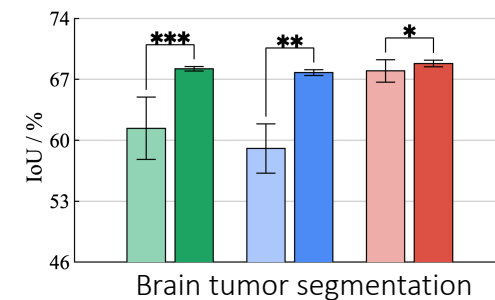
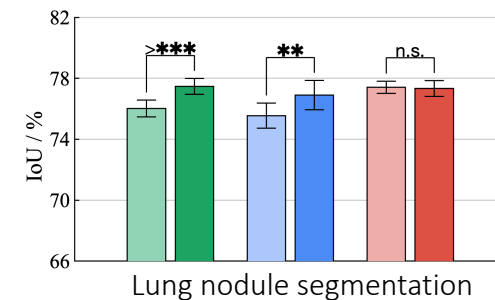


Recurring anatomical patterns

(b) Self-classification



(c) Self-restoration



Learning semantics enriches existing self-supervised learning approaches