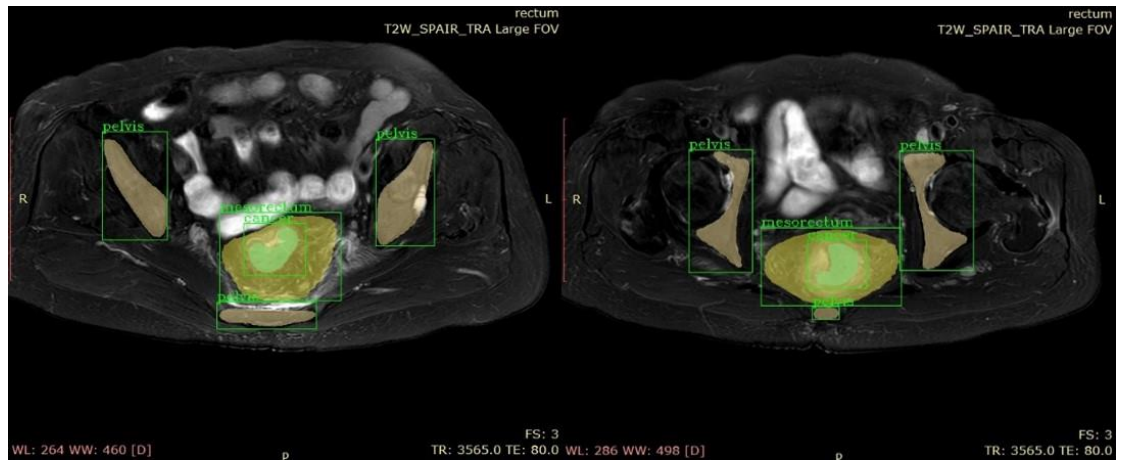**Supplementary Figure 1 Examples of target regions manually labeled** (The regions of pelvis, mesorectum, and tumor body were represented by drab, yellow, and green, respectively)

Supplementary Figure 2 Examples of target regions segmented by Mask R-CNN based model (The regions of pelvis, mesorectum, and tumor body were represented by drab, yellow, and green, respectively)