LGRNet: Local-Global Reciprocal Network for Uterine Fibroid Segmentation in Ultrasound Videos

Huihui Xu[1*], Yijun Yang[1*], Angelica I Aviles-Rivero[3], Guang Yang[4], Jing Qin[5], and Lei Zhu[1,2(✉)]
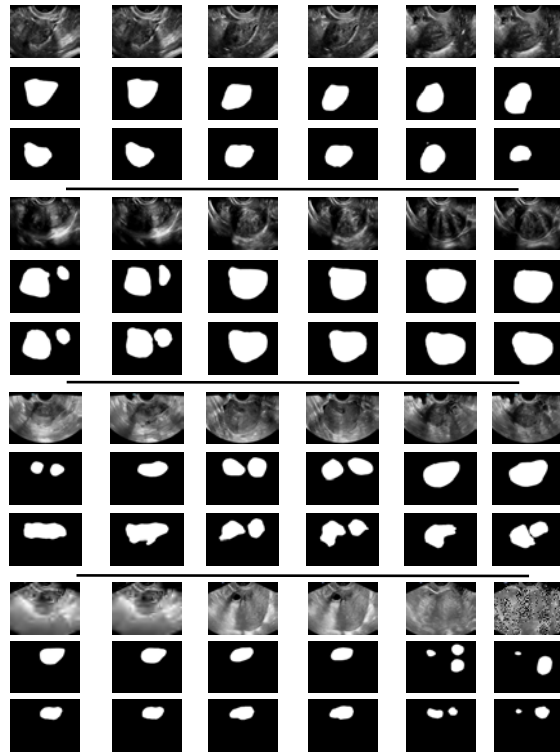
[1] The Hong Kong University of Science and Technology (Guangzhou), China
`leizhu@ust.hk`
[2] The Hong Kong University of Science and Technology, China
[3] University of Cambridge, UK
[4] Imperial College London, UK
[5] The Hong Kong Polytechnic University, China

Fig. 1. Samples and predictions in Uterine Fibroid Ultrasound Video (UFUV) dataset. For each sample, we visualize frames at $t = 1, 2, 20, 21, 40, 41$. The first line denotes the original frames, the second line denotes professional annotations. The third line denotes our model predictions.