AOCR Competition Meeting 01/23

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Preprocessing

- Preprocessing
 - CT scan with acute appendix
 - crop image to 256×256×25
 - ww = 400, wl = 40
 - normalize image to [0,1]

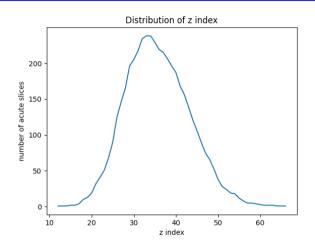


Figure 1: Acute Slice Distribution

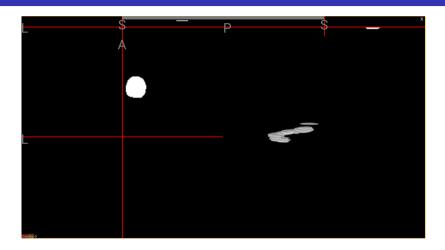


Figure 2: Segmentation Result - Acute

TransUnet

Result

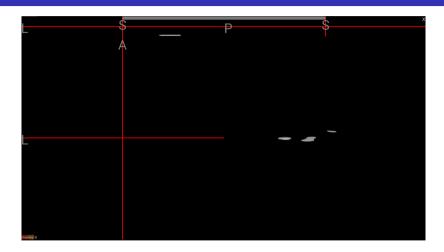


Figure 3: Segmentation Result - Not Acute

TransUnet

Conclusion

- able to segment acute appendix roughly
- how to improve the classification with segmentation result

Thanks for Listening

Q & A