

# Weekly Report

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## 1 Progress

- Consider how to evaluate the dataset
  - Run the Baseline method code again, and average the accuracy
- Read and Understand a paper to improve Loss function of Baseline
- Implement Triple Joint Loss[1]

## 2 Results of Baseline

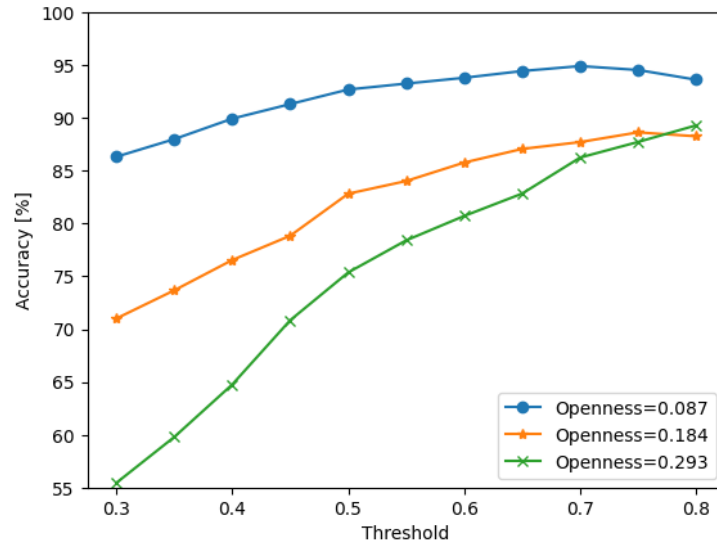


Figure 1: Result (n=1)

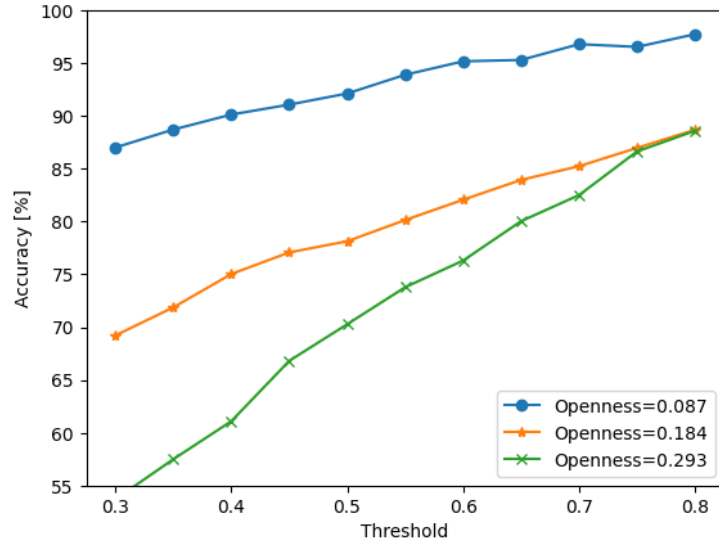


Figure 2: Result (n=5)

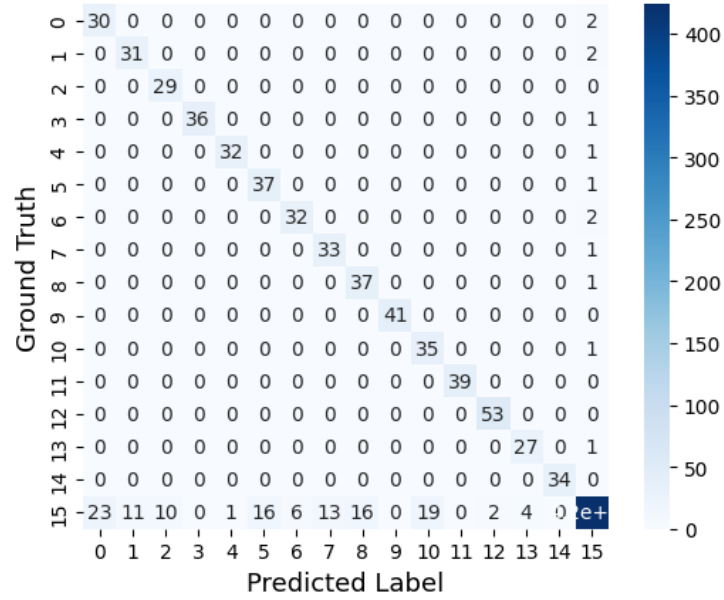


Figure 3: Confusion Matrix (openness=0.293, threshold=0.8)

## References

- [1] Y. Yang, B. Huang and Z. Ni, "Open-set Person Identification with Triple-Joint Loss Based on Radar Gait Micro-Doppler Signatures," 2022 7th International Conference on Intelligent Computing and Signal Processing (ICSP), 2022, pp. 1787-1791