

Final Report

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Figure Naming Conventions

- **S_**: Used SGD
- **A_**: Used ADAM
- **_Tan**: Used tanh activation
- **_Re**: Used relu activation
- **Cr**: Used binary cross entropy as loss
- **Fo**: Used binary focal cross entropy as loss
- **100**: Denotes 100 epochs

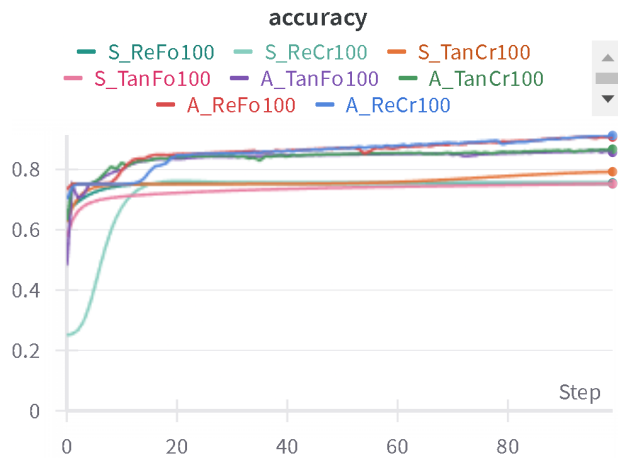


Figure 1:

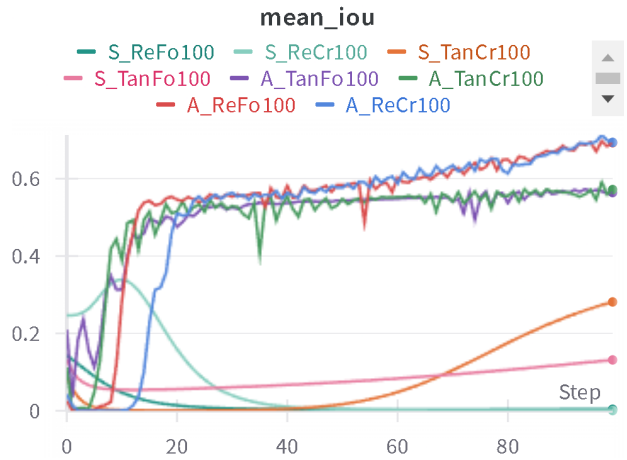


Figure 2:

References

- [1] Weights and biases.

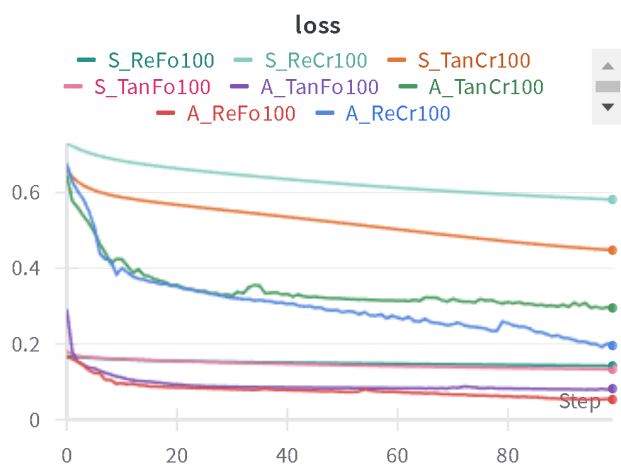


Figure 3:

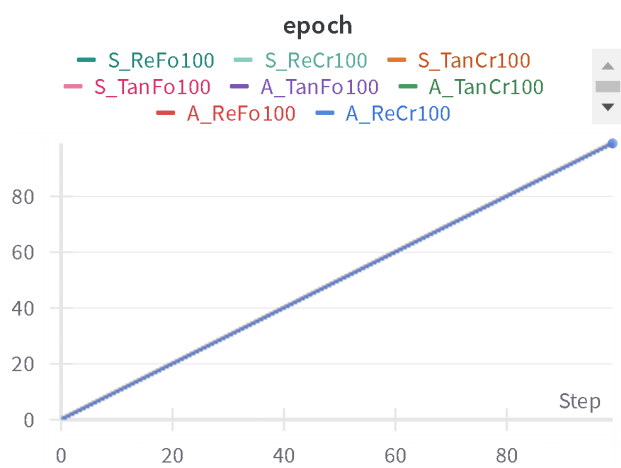


Figure 4: