

Cross-validating the outputs of GNN with Christine's results

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Short-term goals:

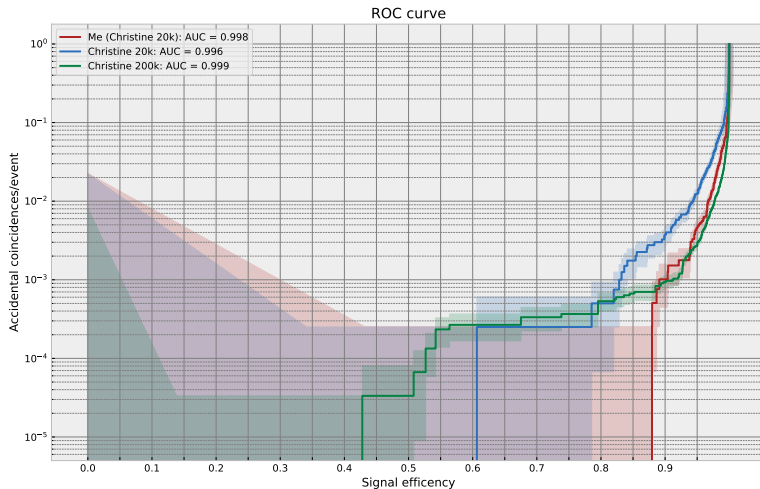
- make sure that on the same data set (e/μ discrimination, 20.000 events) with the same parameters GNN provides the same results as for Christine

Mid-term goals:

- adapt GNN for WCTE, validate its performance on data once there will be any



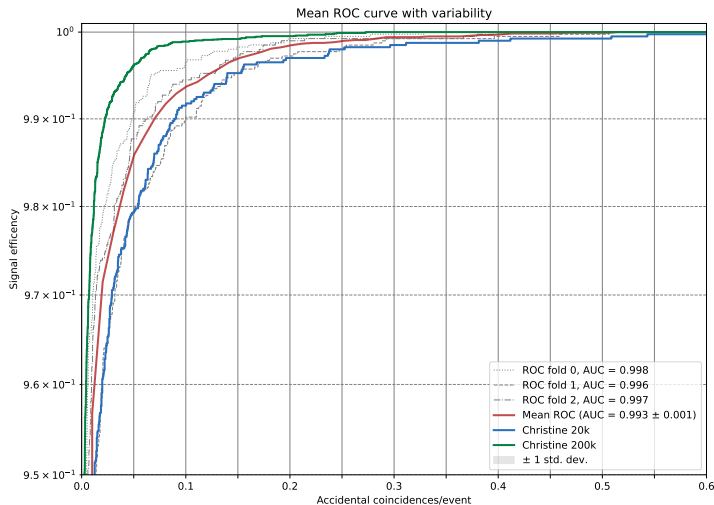
Superimposed ROCs





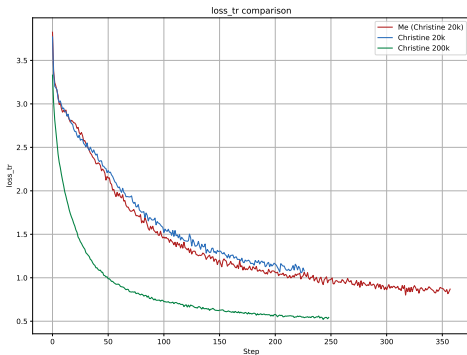
ROCs with variation

Here we ran the training a few times and averaged the result out

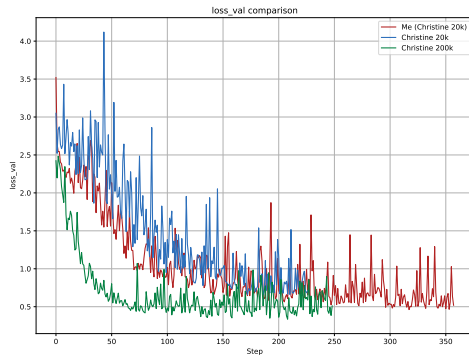




Loss on training and validation



Training



Validation