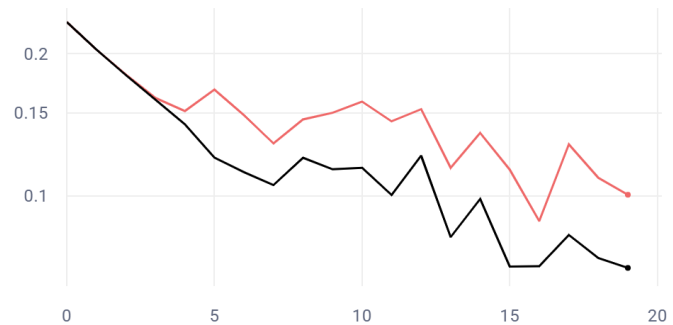


$$\text{Loss}(\text{signal region}) + \lambda * \text{Loss}(\text{control region}) =$$

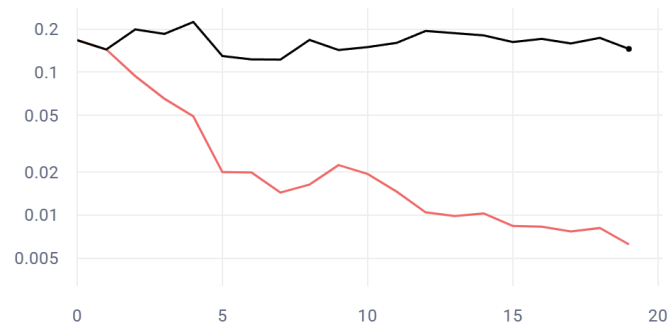
Total Loss

Training

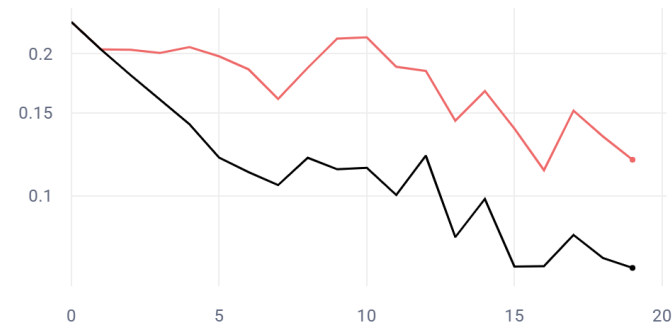
train\_jets\_classification\_loss VS epoch



train\_jets\_classification\_complement\_loss VS epoch

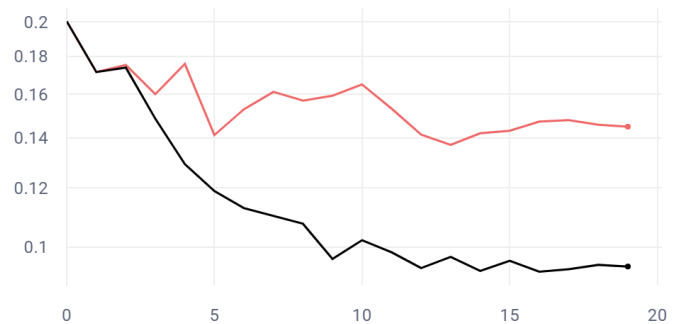


train\_loss VS epoch



Validation

val\_loss/dataloader\_idx\_0 VS epoch



val\_loss/dataloader\_idx\_1 VS epoch

