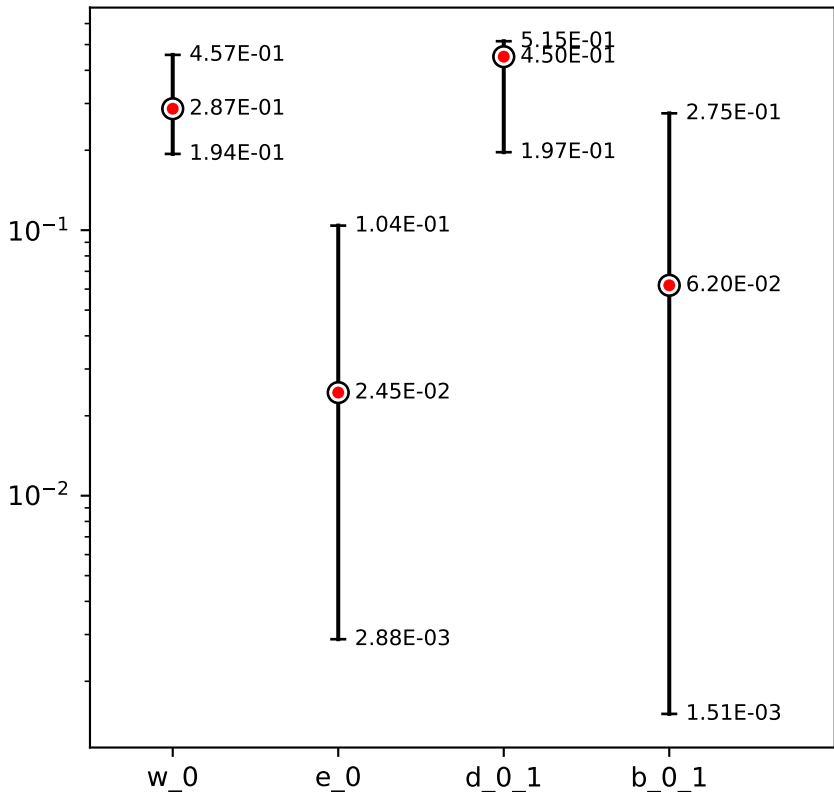
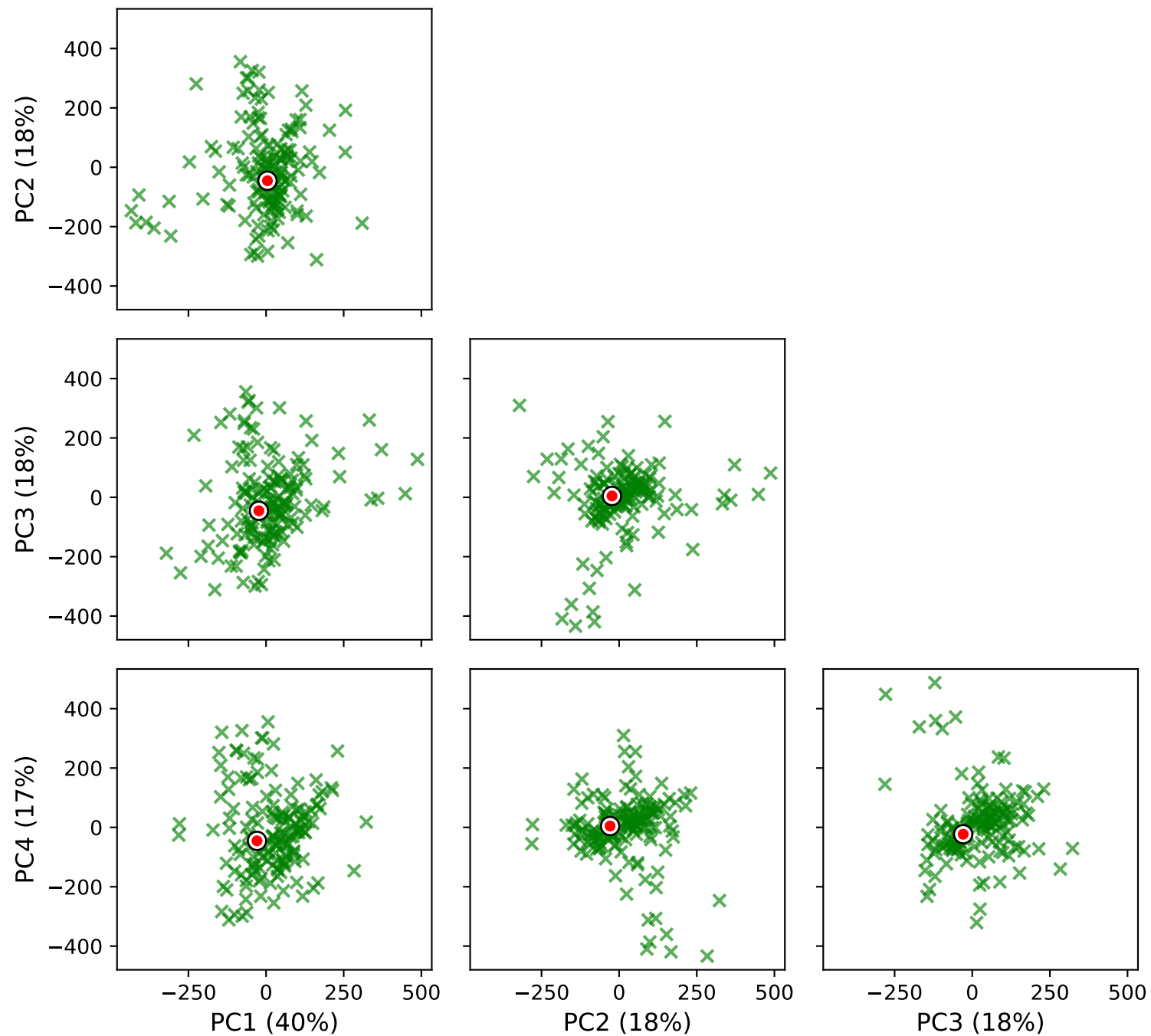


# Prediction: ../predict/new.1

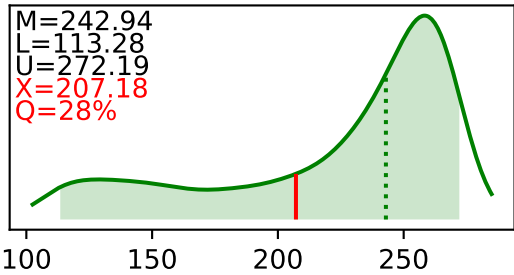


PCA: aux. data

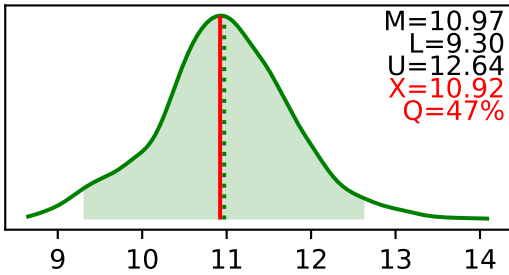


# Histogram: Aux. data

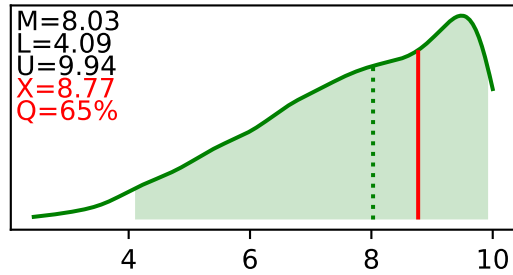
B1



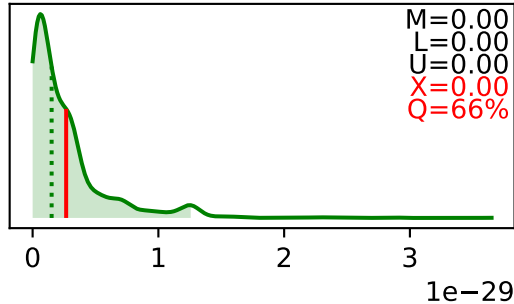
N\_bar



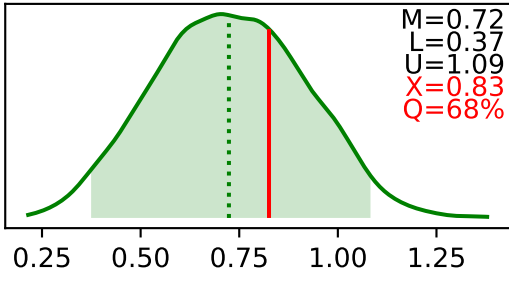
age\_mean



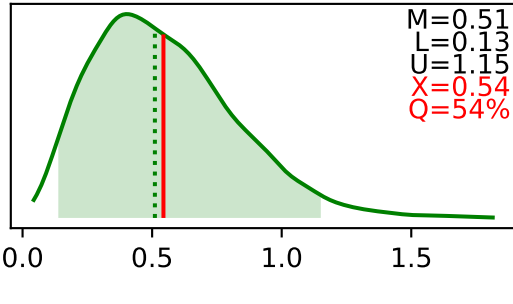
age\_var



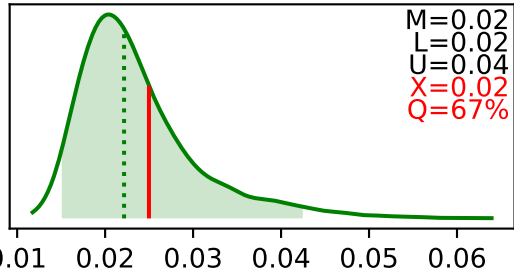
brlen\_mean



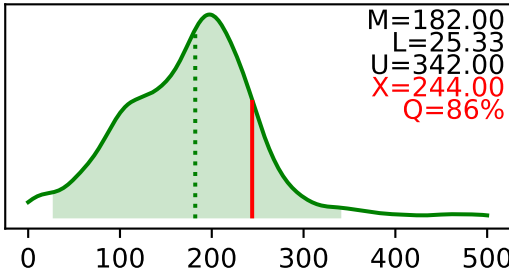
brlen\_var



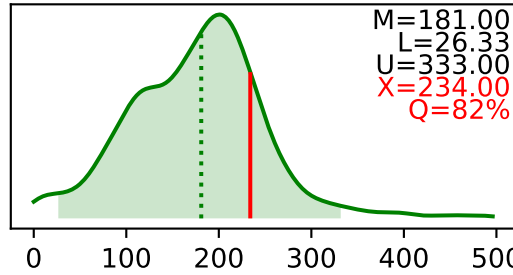
colless



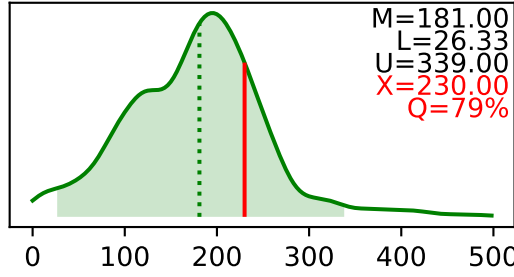
n\_char\_0



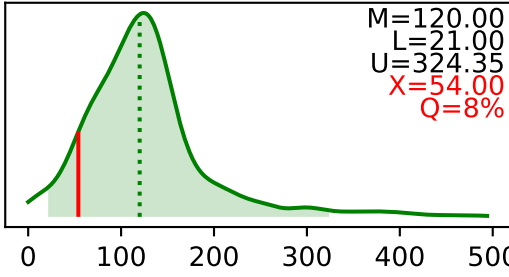
n\_char\_1



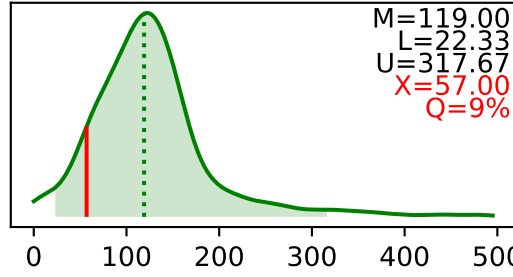
n\_char\_2



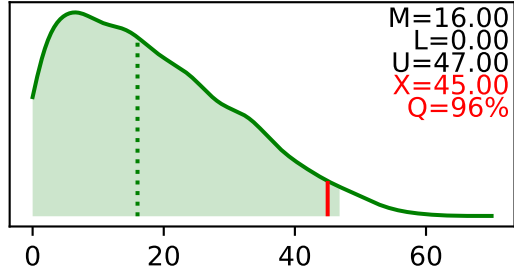
n\_state\_001



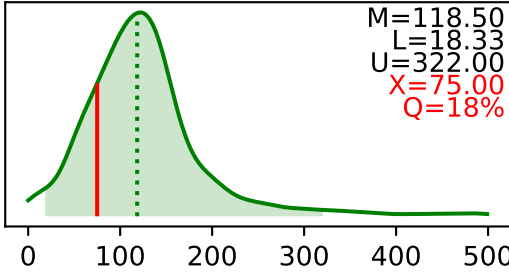
n\_state\_010



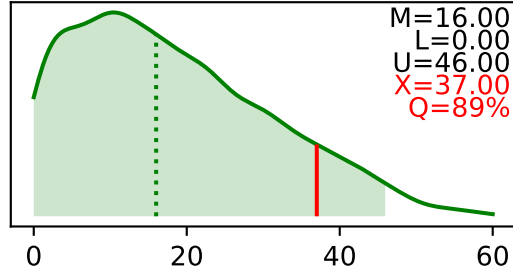
n\_state\_011



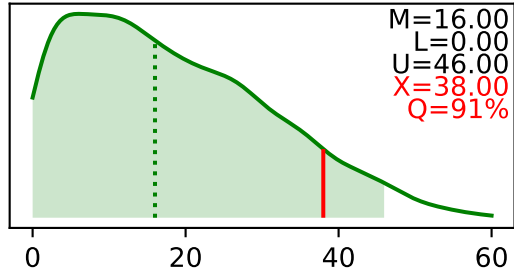
n\_state\_100



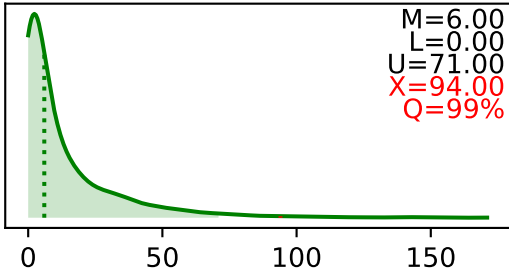
n\_state\_101



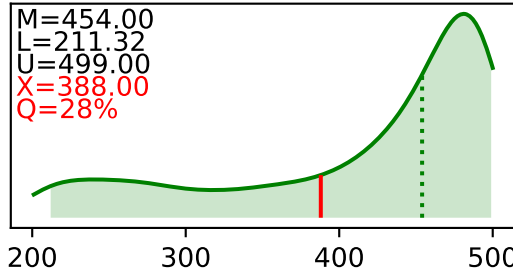
n\_state\_110



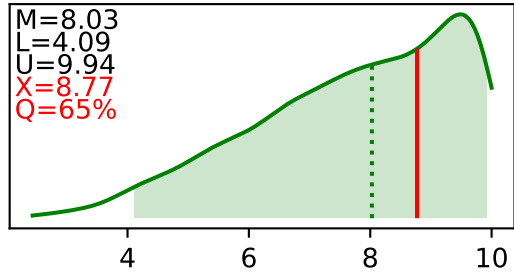
n\_state\_111



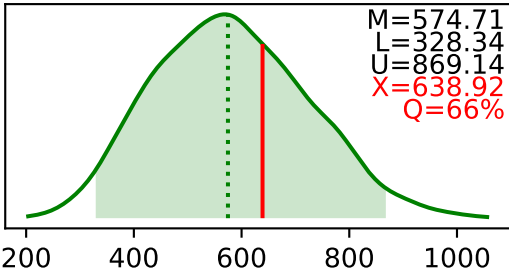
n\_taxa



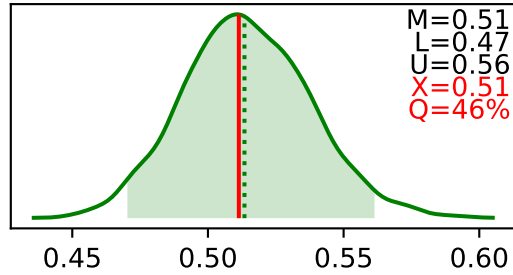
tree\_height



tree\_length

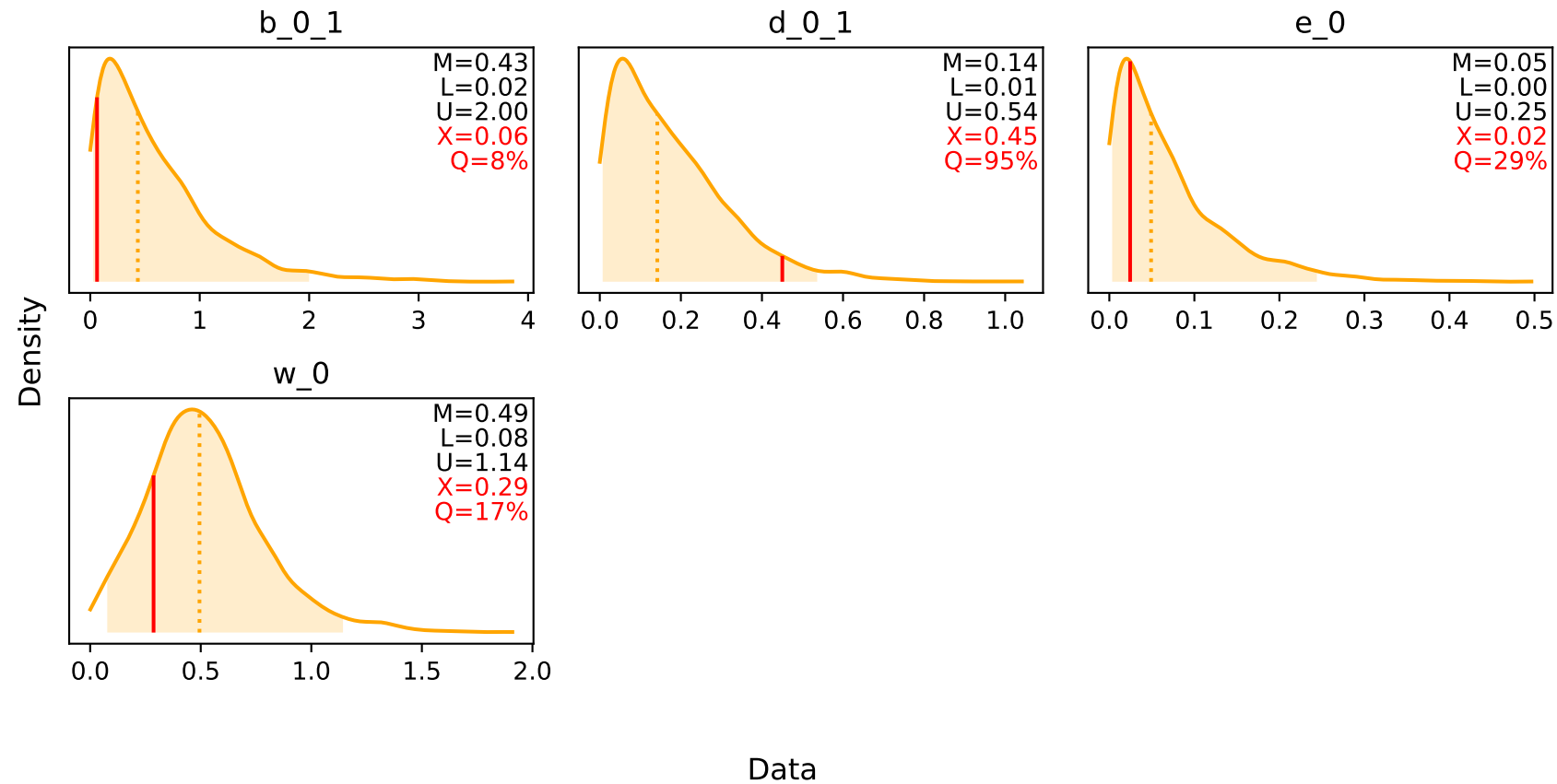


treeness



Data

## Histogram: Labels



Train predictions: b\_0\_1

MAE: 1.46E-01  
MAPE: 71.1%  
MSE: 5.56E-02  
RMSE: 2.36E-01  
Coverage: 97.6%

b\_0\_1 truth

4

3

2

1

0

b\_0\_1 prediction

4

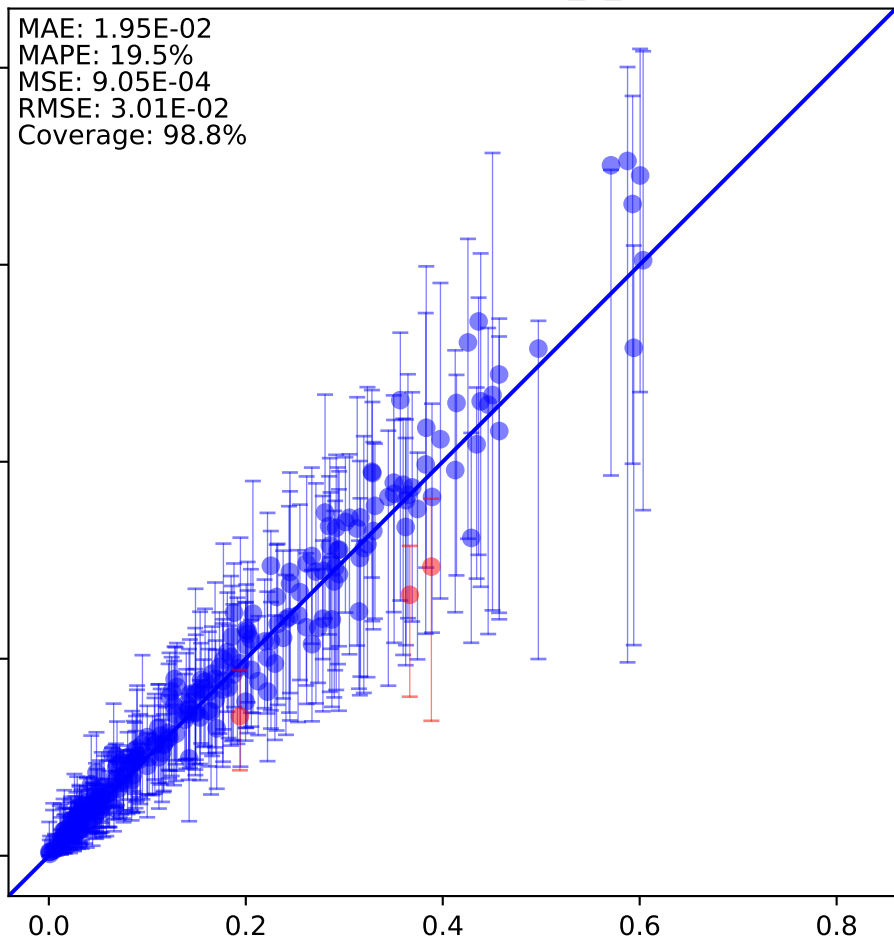
4

Train predictions: d\_0\_1

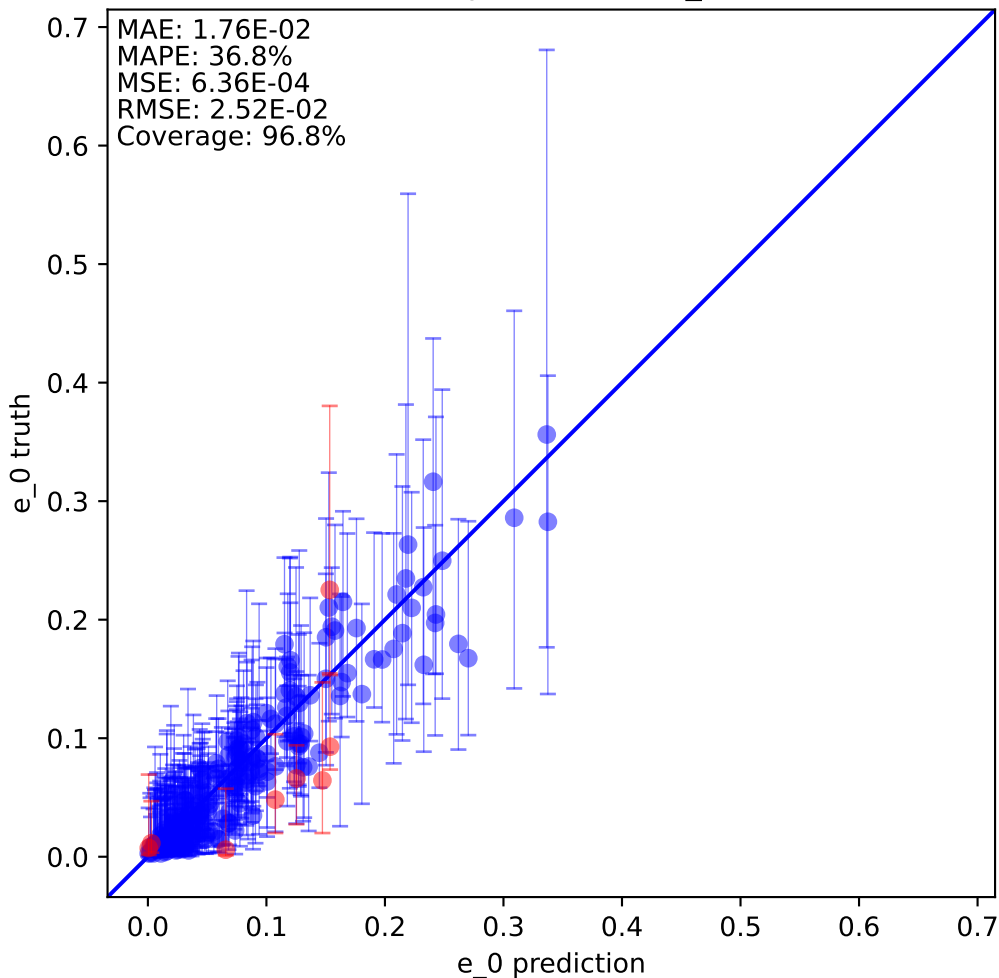
MAE: 1.95E-02  
MAPE: 19.5%  
MSE: 9.05E-04  
RMSE: 3.01E-02  
Coverage: 98.8%

d\_0\_1 truth

d\_0\_1 prediction



Train predictions: e\_0

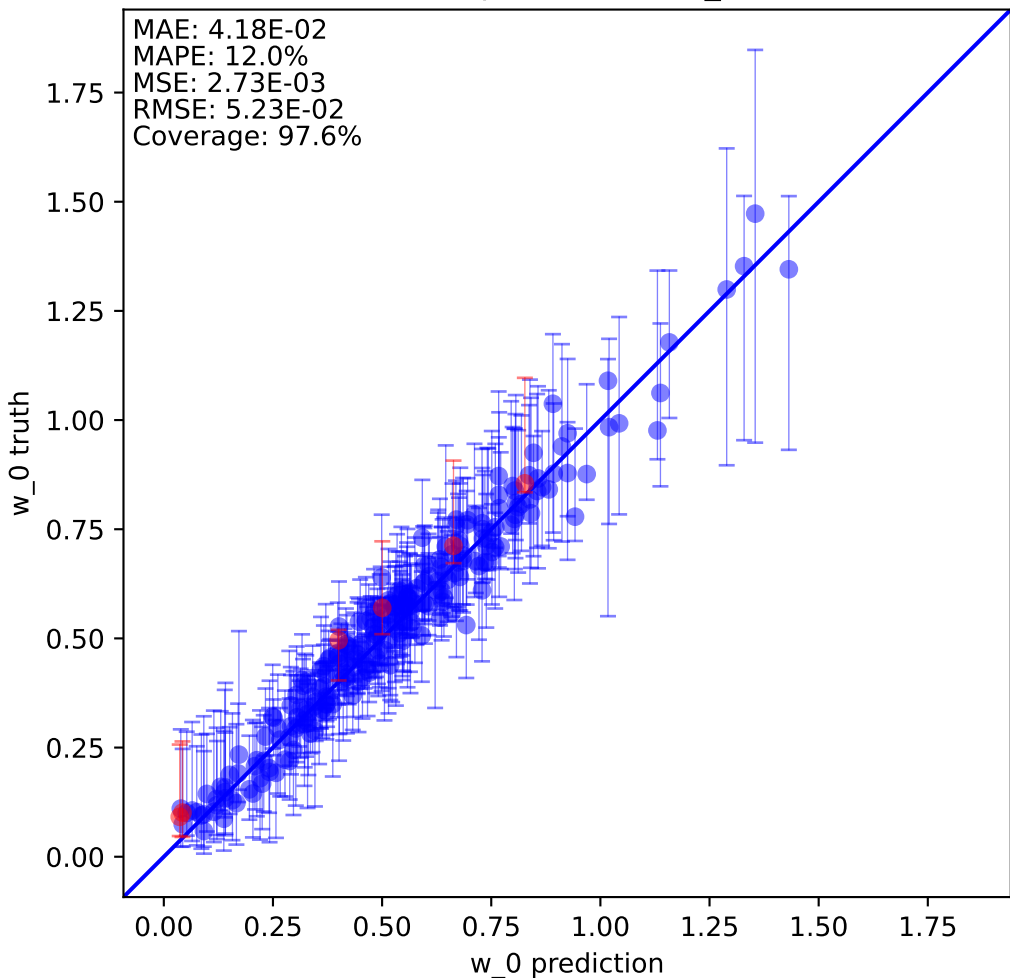


Train predictions: w\_0

MAE: 4.18E-02  
MAPE: 12.0%  
MSE: 2.73E-03  
RMSE: 5.23E-02  
Coverage: 97.6%

w\_0 truth

w\_0 prediction



# Test predictions: b\_0\_1

MAE: 1.69E-01  
MAPE: 71.6%  
MSE: 8.53E-02  
RMSE: 2.92E-01  
Coverage: 93.6%

b\_0\_1 truth

4

3

2

1

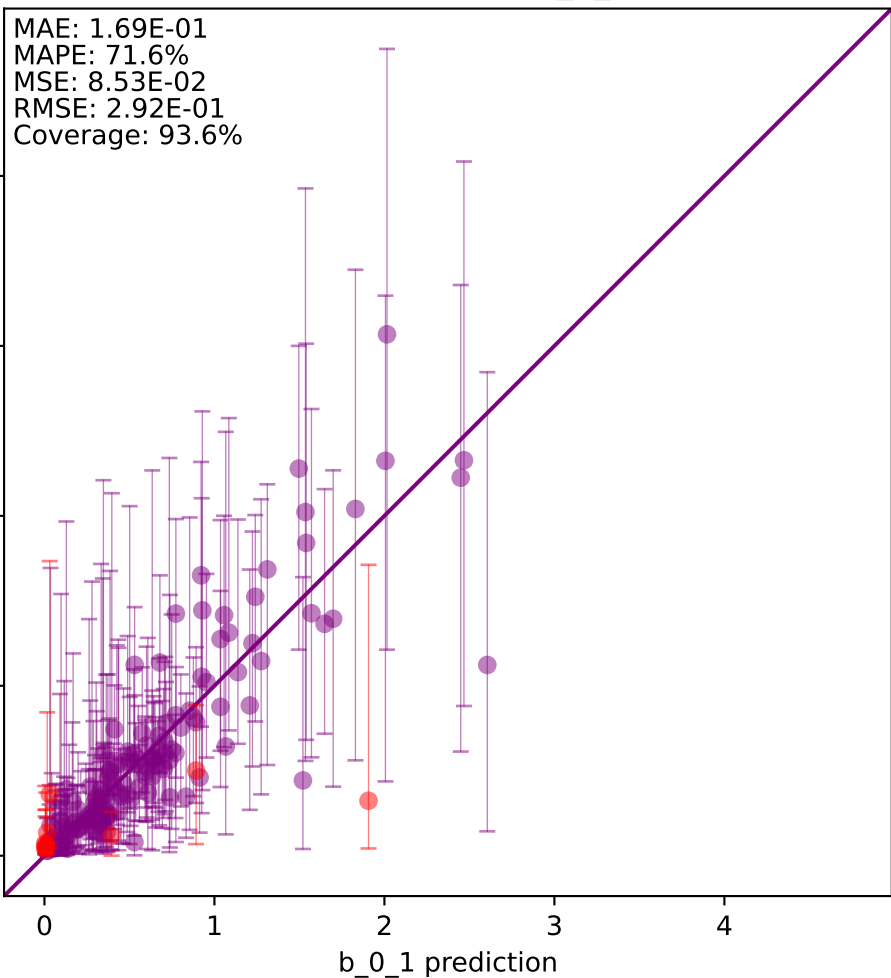
0

0

1

b\_0\_1 prediction

4



Test predictions: d\_0\_1

MAE: 2.21E-02  
MAPE: 20.4%  
MSE: 1.26E-03  
RMSE: 3.55E-02  
Coverage: 94.2%

d\_0\_1 truth

0.0

0.2

0.4

0.6

0.8

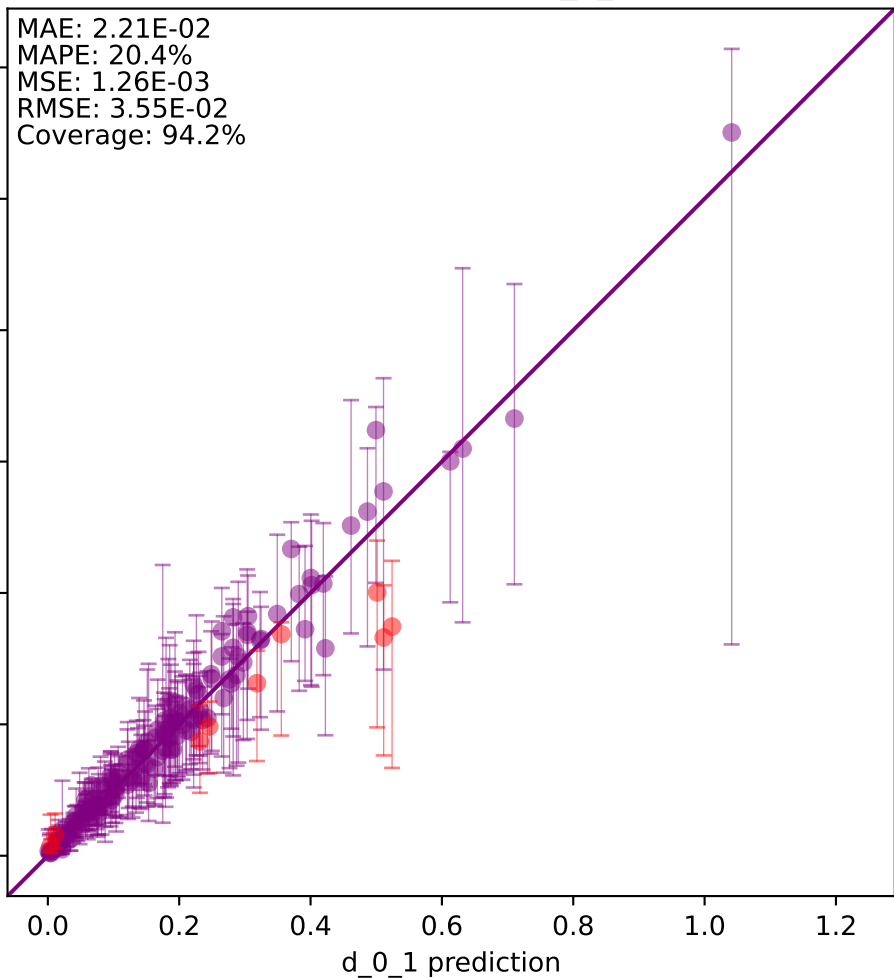
1.0

1.2

d\_0\_1 prediction

1.0

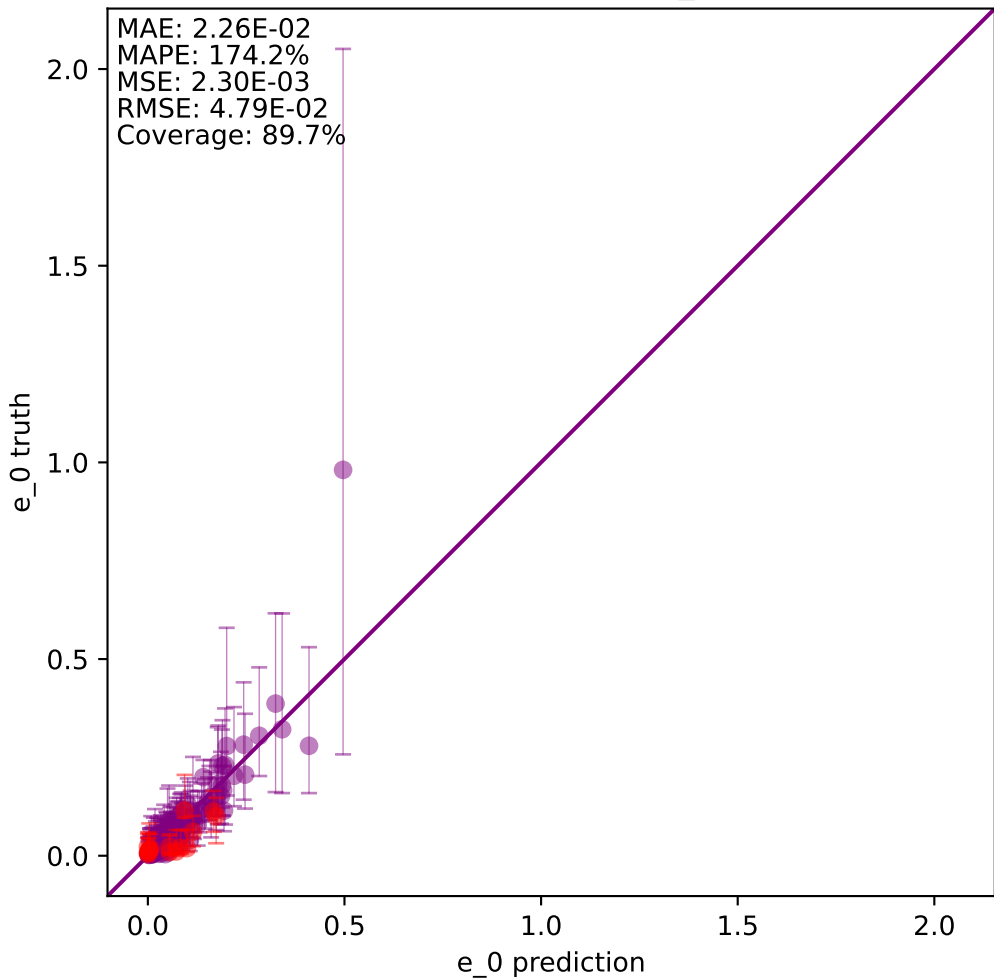
1.2



Test predictions: e\_0

MAE: 2.26E-02  
MAPE: 174.2%  
MSE: 2.30E-03  
RMSE: 4.79E-02  
Coverage: 89.7%

e\_0 truth



e\_0 prediction

Test predictions: w\_0

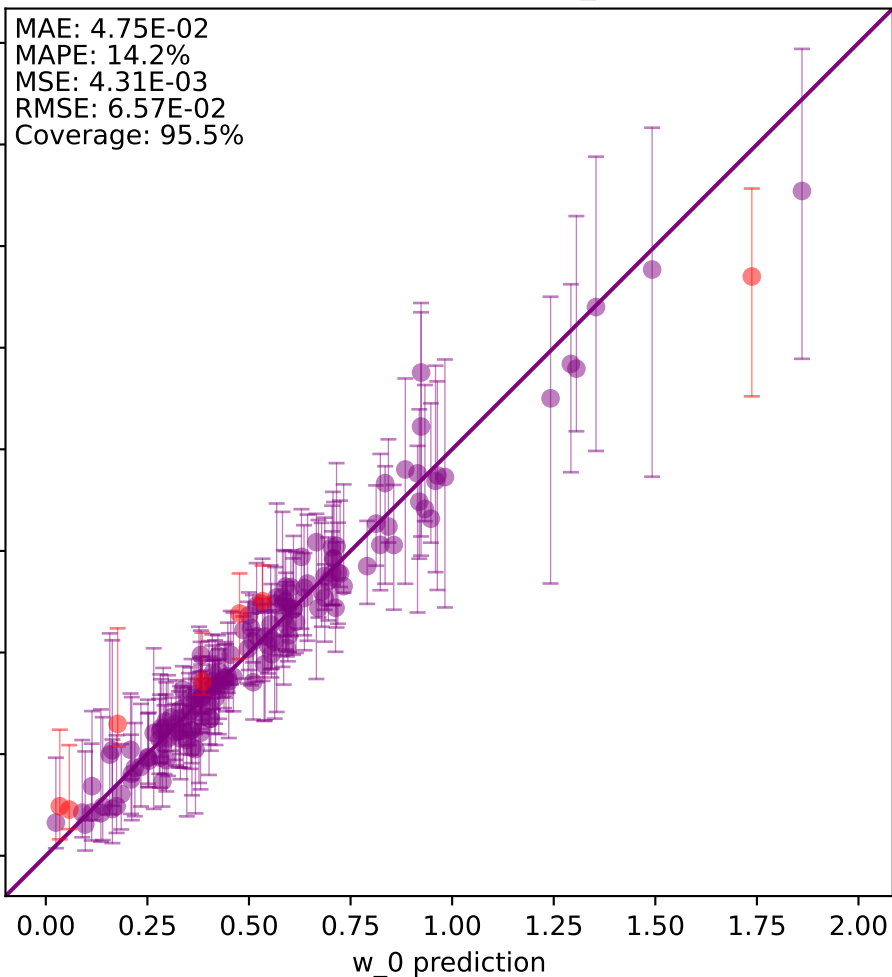
MAE: 4.75E-02  
MAPE: 14.2%  
MSE: 4.31E-03  
RMSE: 6.57E-02  
Coverage: 95.5%

w\_0 truth

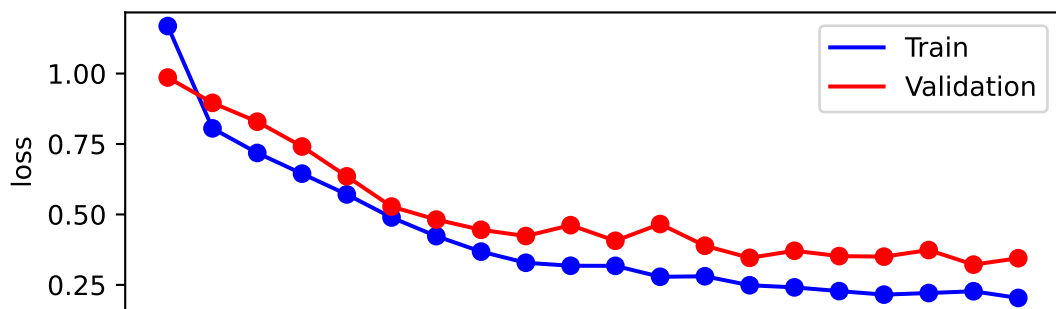
2.00  
1.75  
1.50  
1.25  
1.00  
0.75  
0.50  
0.25  
0.00

0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00

w\_0 prediction



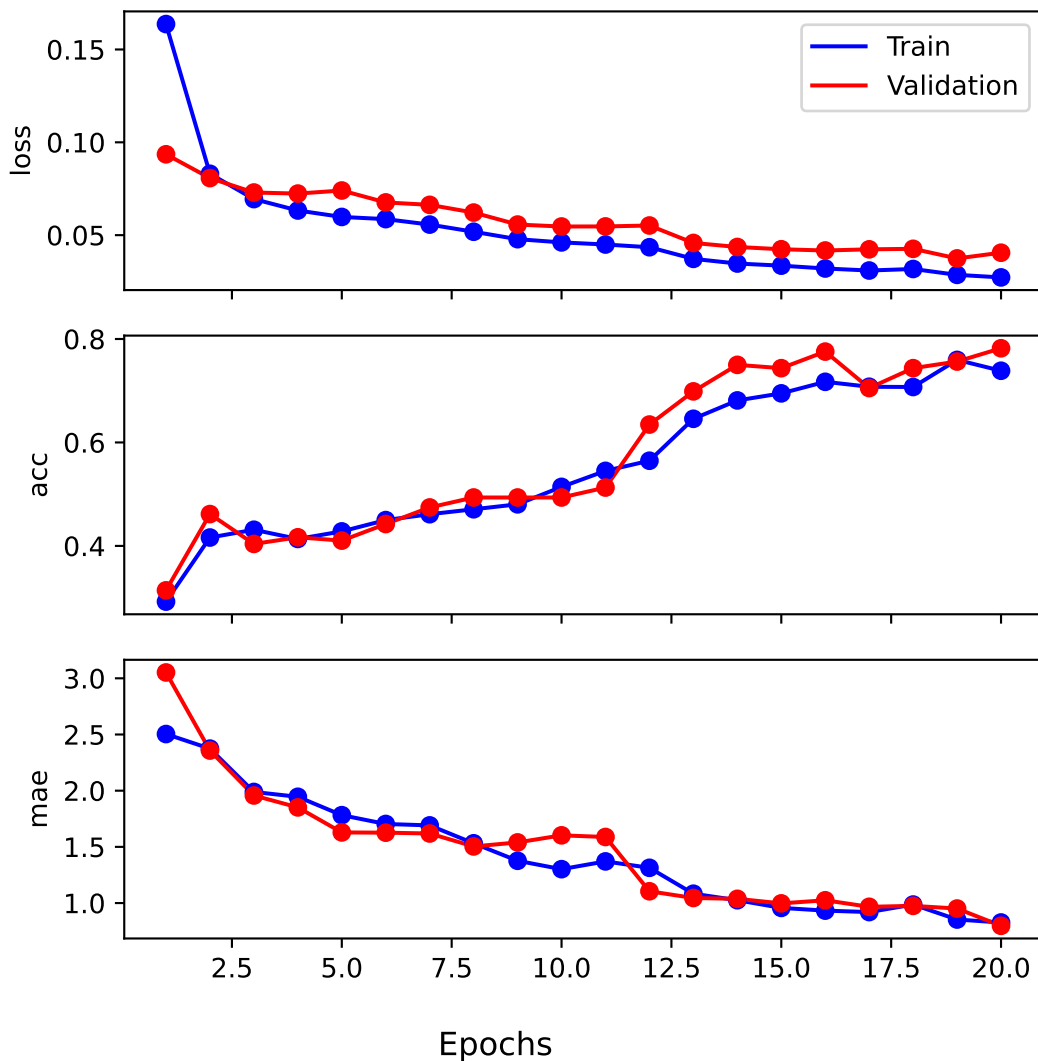
Training history: entire network



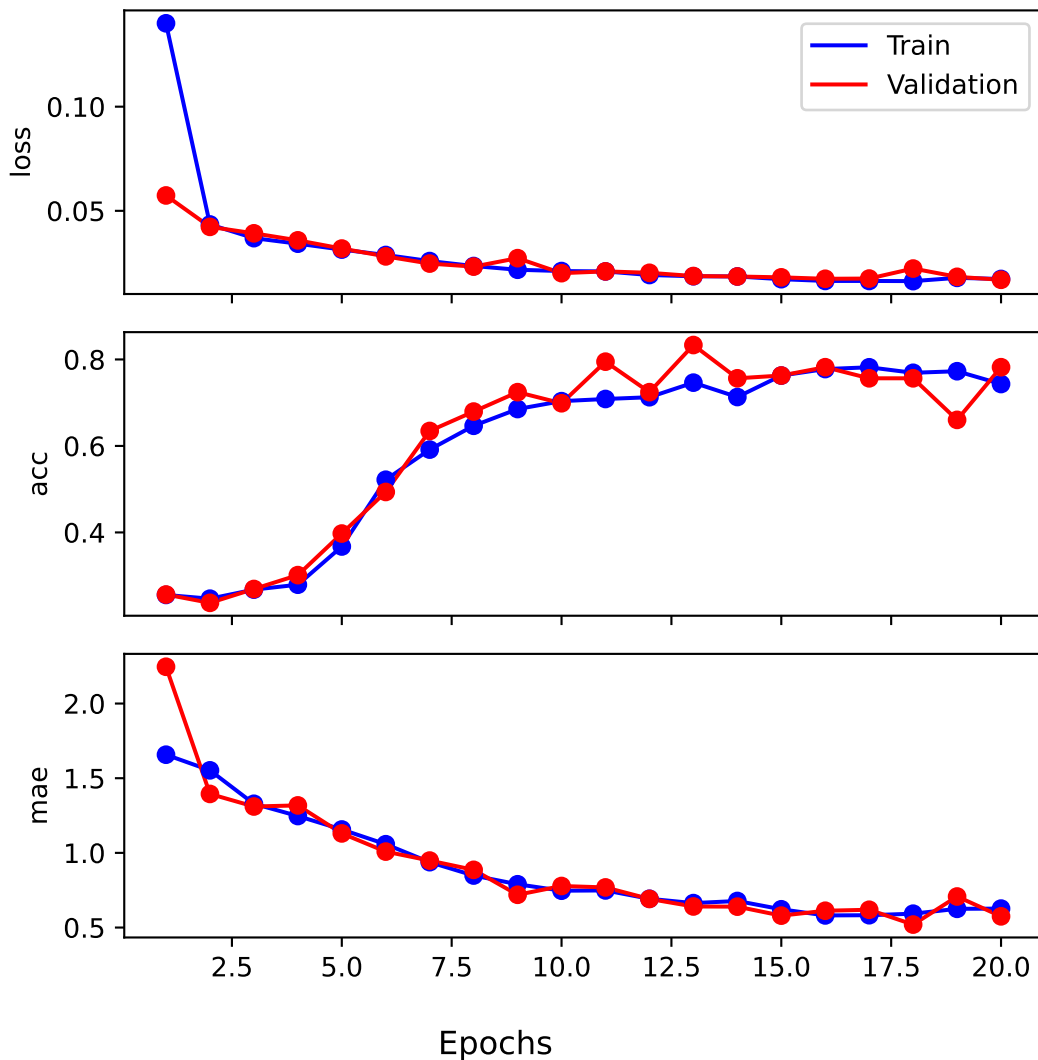
Metrics

Epochs

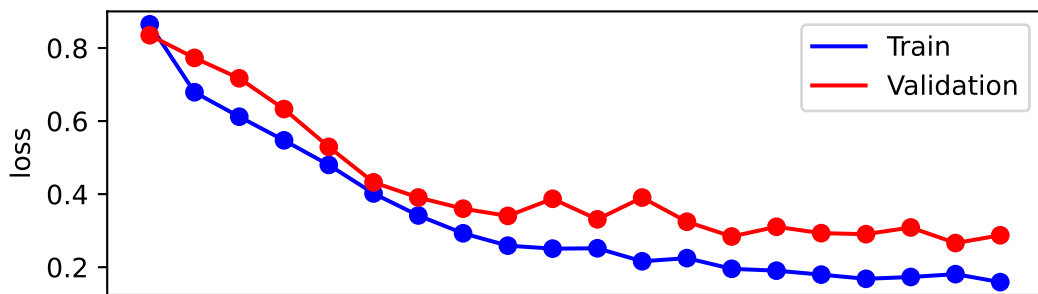
Training history: param\_lower



Training history: param\_upper



Training history: param\_value



Metrics

