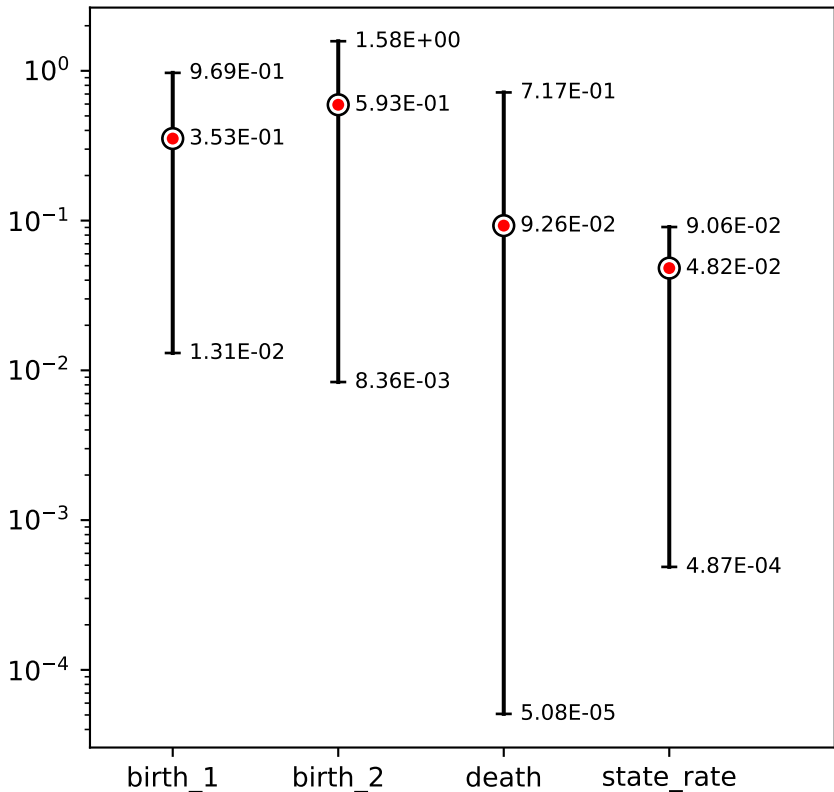
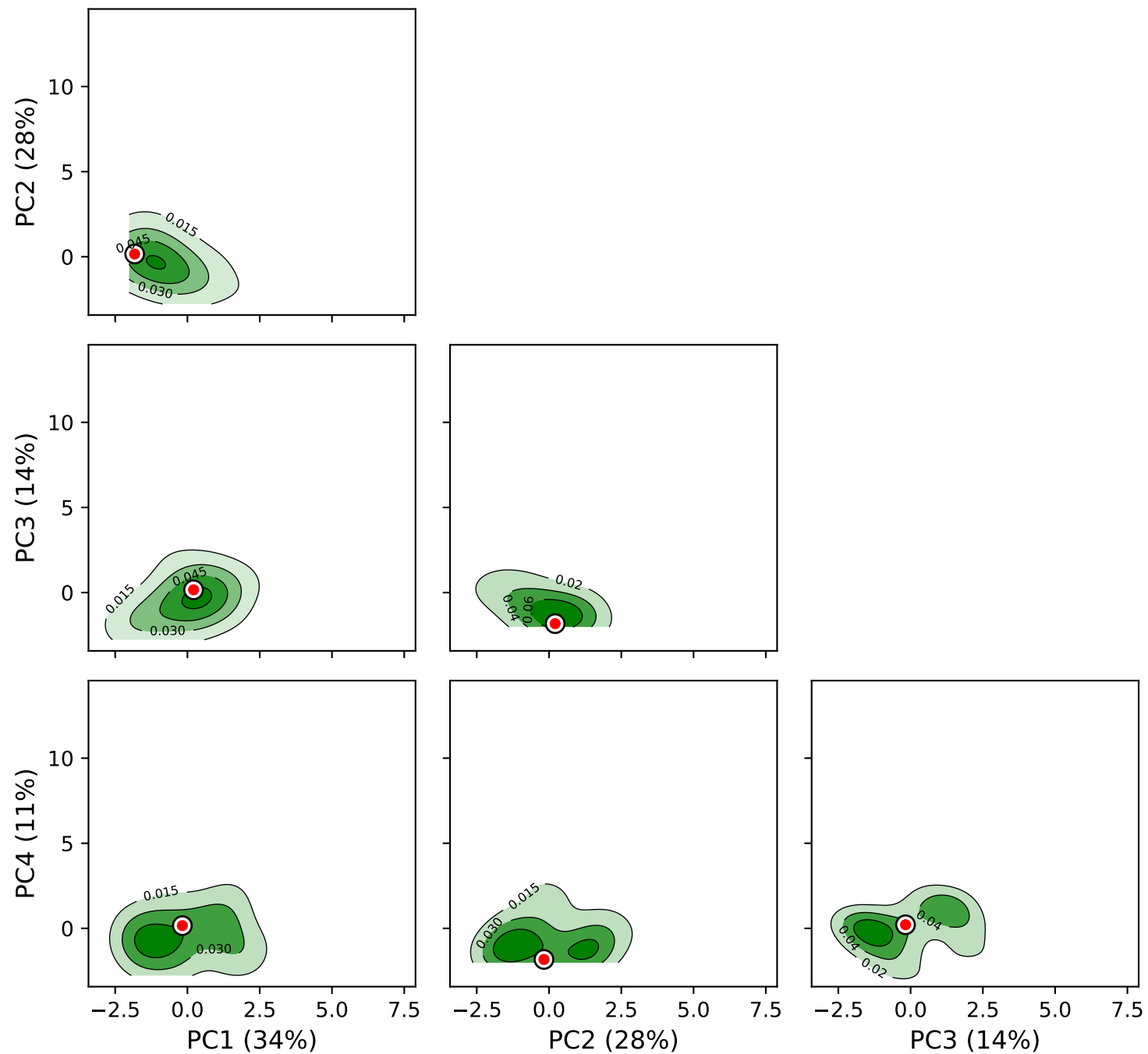


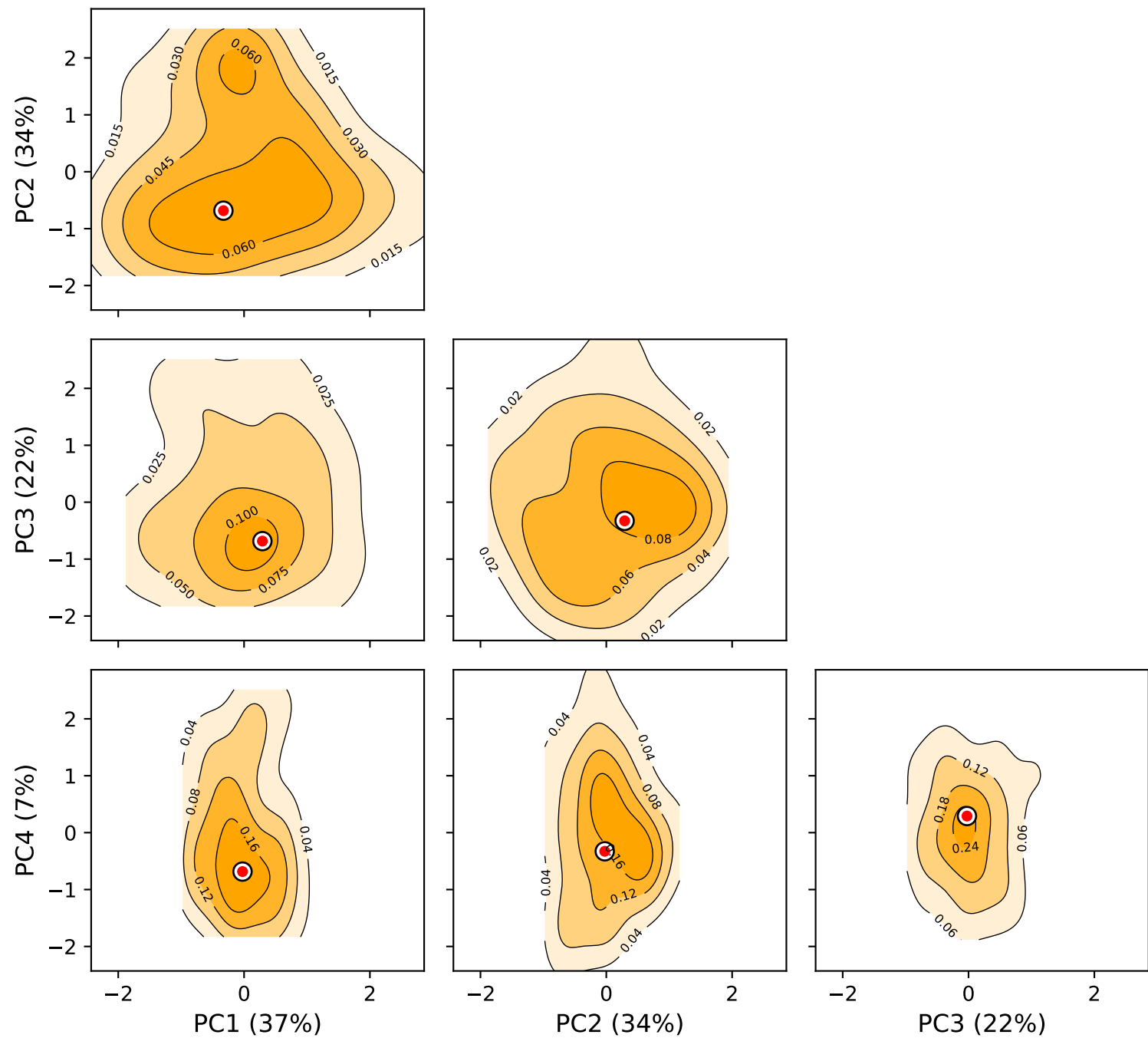
Estimate: ./tests/workspace/estimate/new.0



PCA: Aux. data

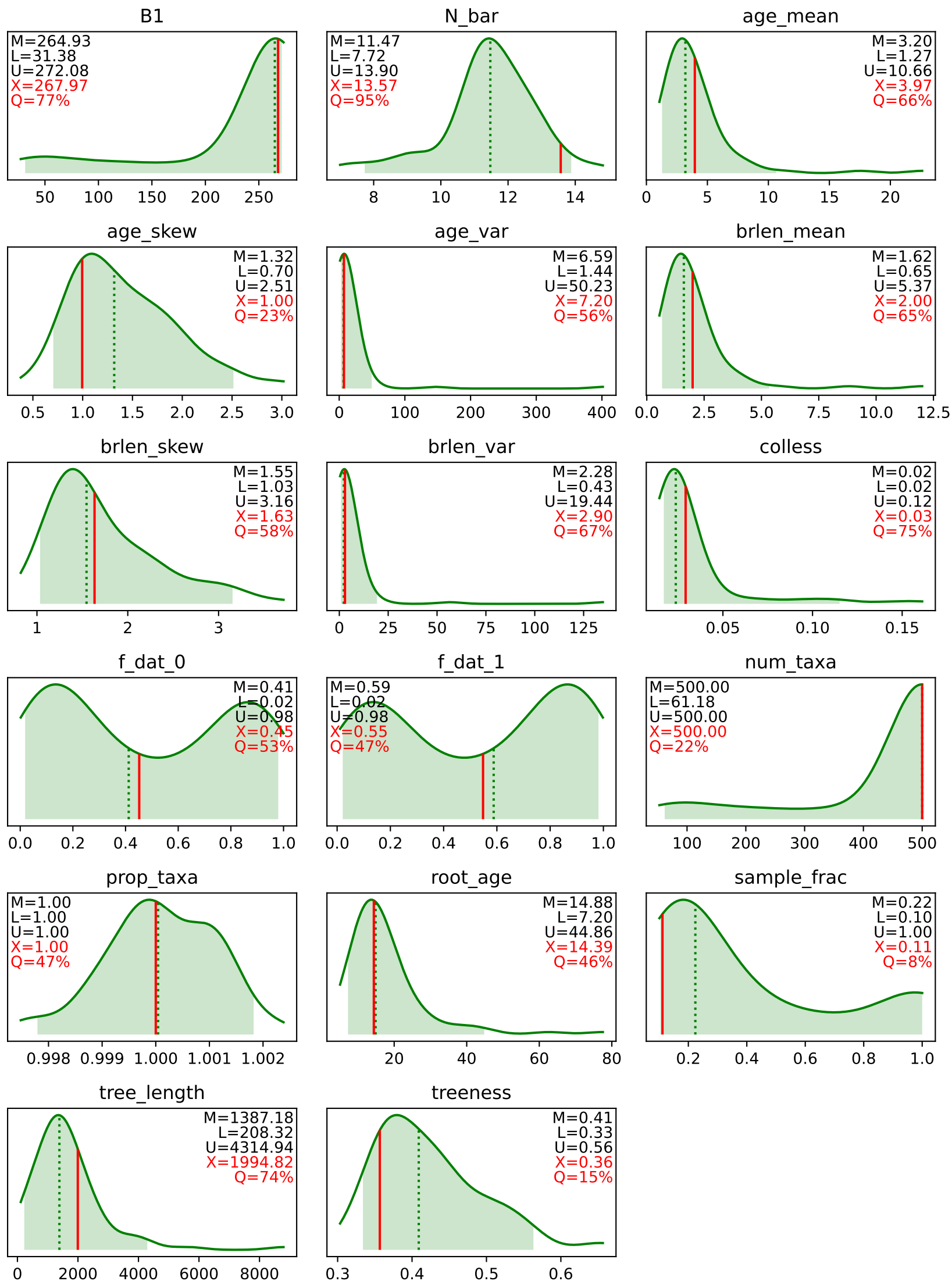


PCA: Labels



Histogram: Aux. data

Density

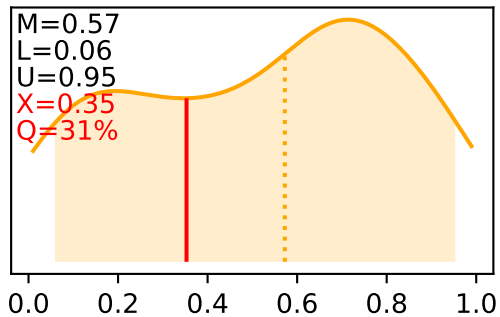


Data

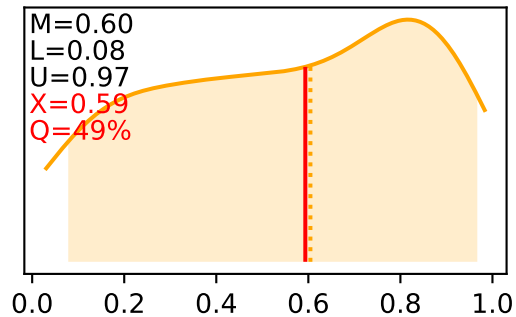
Histogram: Labels

Density

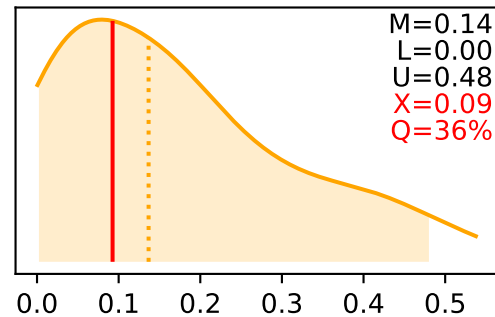
birth_1



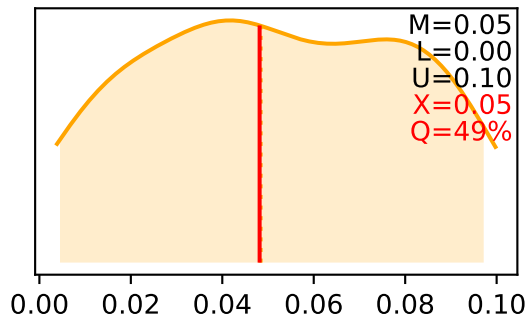
birth_2



death



state_rate



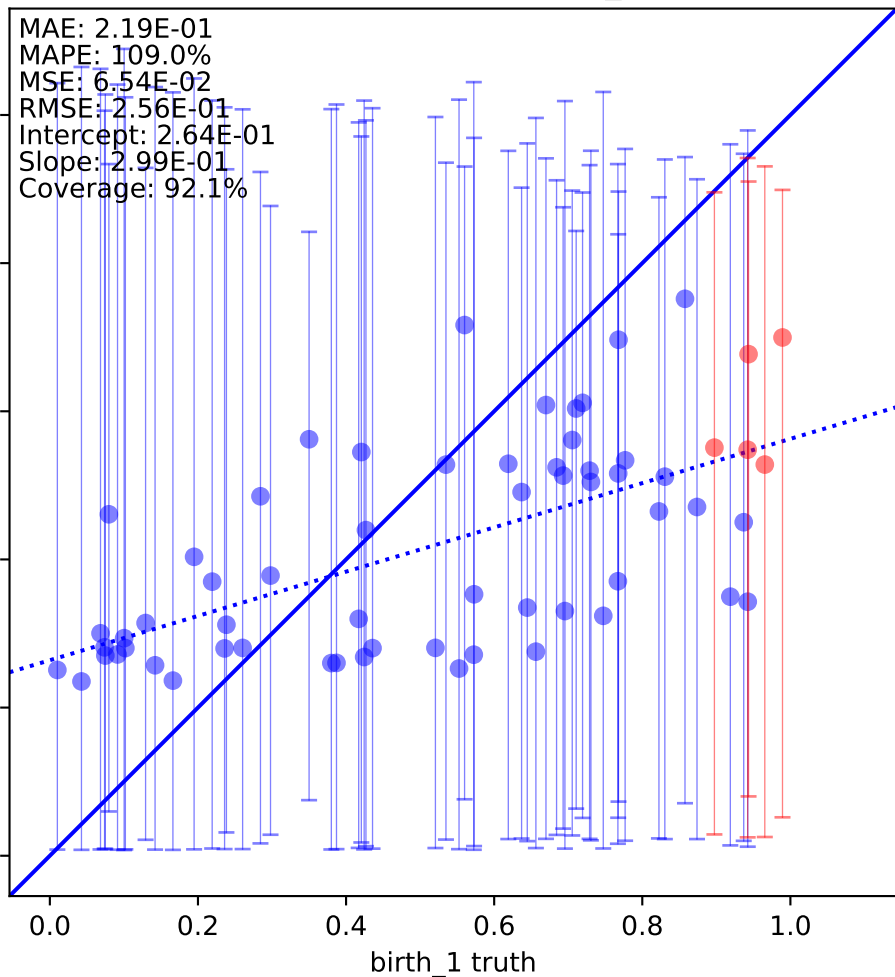
Data

Train estimates: birth_1

MAE: 2.19E-01
MAPE: 109.0%
MSE: 6.54E-02
RMSE: 2.56E-01
Intercept: 2.64E-01
Slope: 2.99E-01
Coverage: 92.1%

birth_1 estimate

birth_1 truth



Train estimates: birth_2

MAE: 1.67E-01
MAPE: 48.8%
MSE: 4.35E-02
RMSE: 2.09E-01
Intercept: 1.53E-01
Slope: 6.03E-01
Coverage: 98.4%

birth_2 estimate

birth_2 truth

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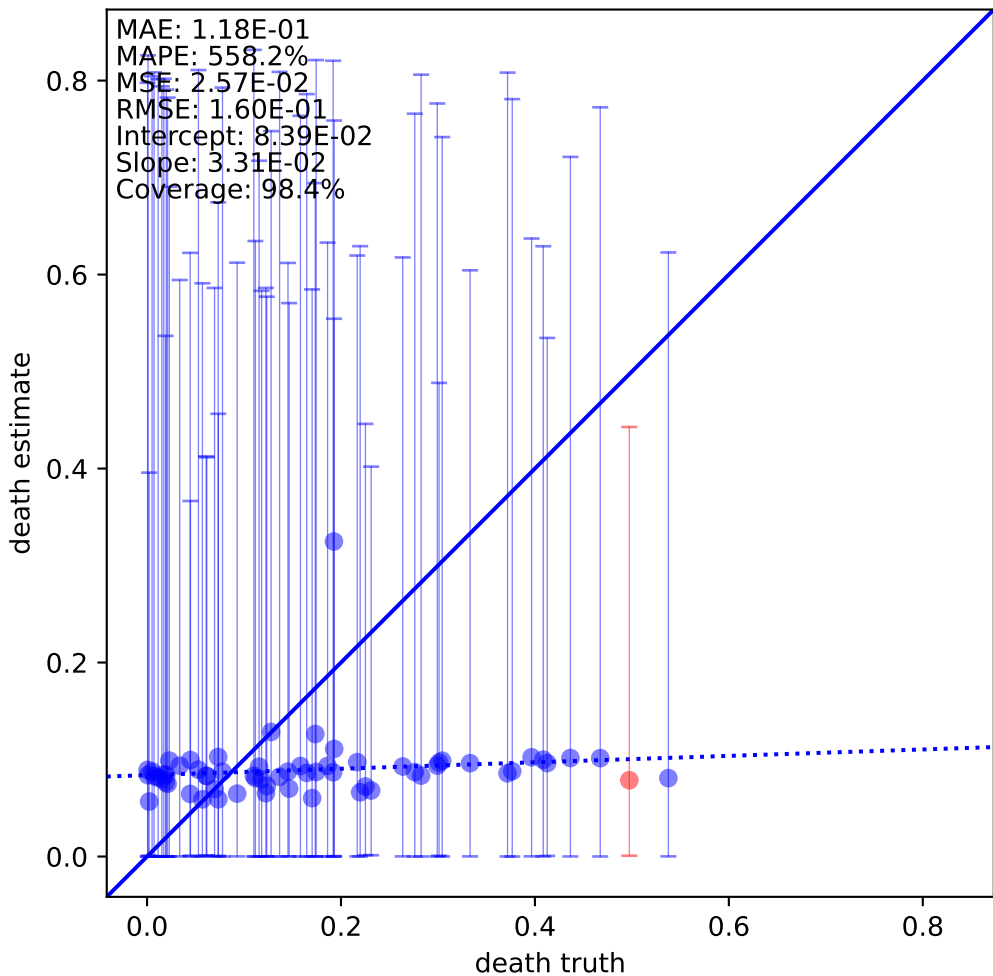
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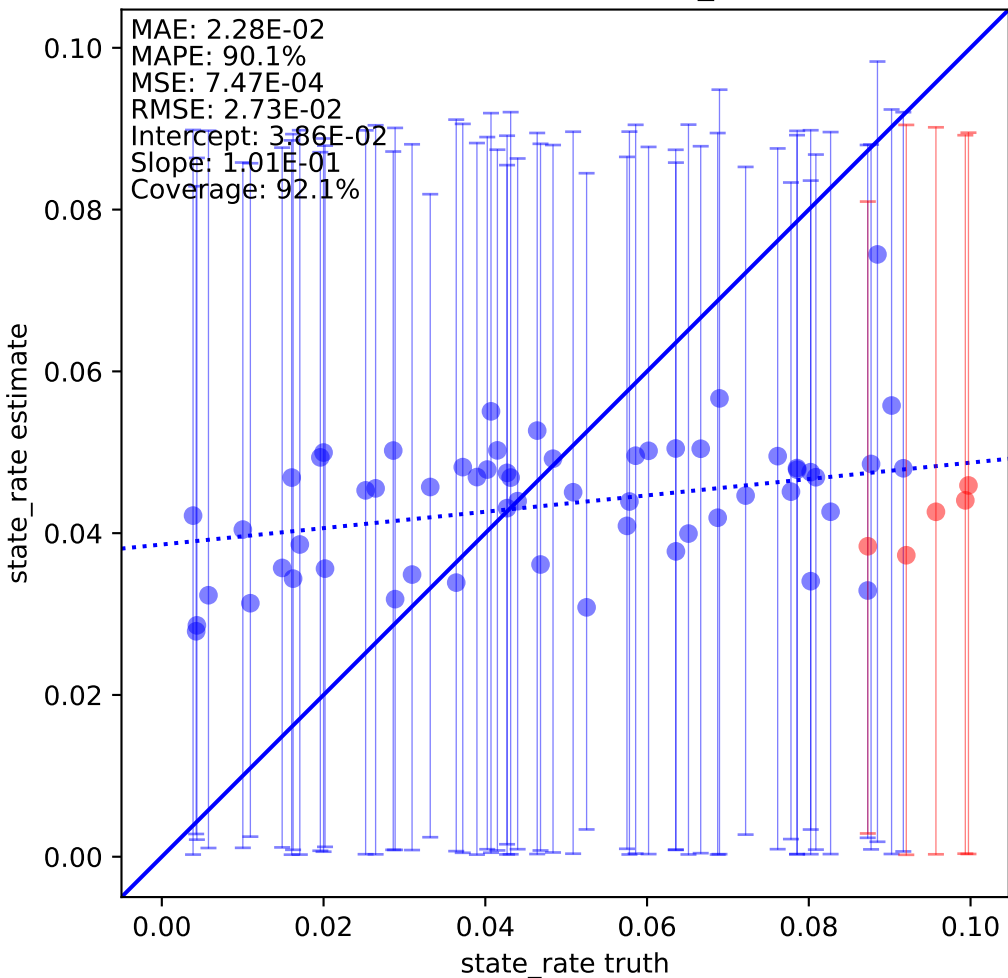
0.50

0.75

Train estimates: death



Train estimates: state_rate



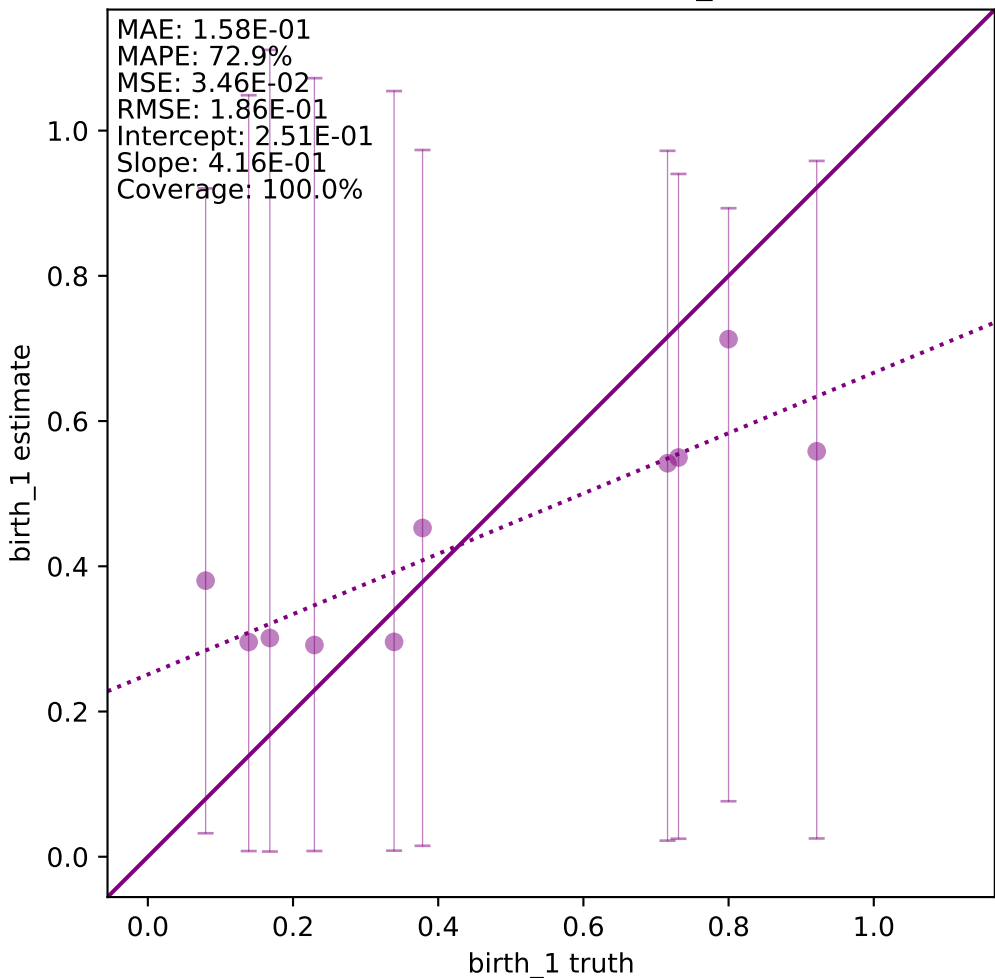
Test estimates: birth_1

MAE: 1.58E-01
MAPE: 72.9%
MSE: 3.46E-02
RMSE: 1.86E-01
Intercept: 2.51E-01
Slope: 4.16E-01
Coverage: 100.0%

birth_1 estimate

1.0
0.8
0.6
0.4
0.2
0.0

birth_1 truth

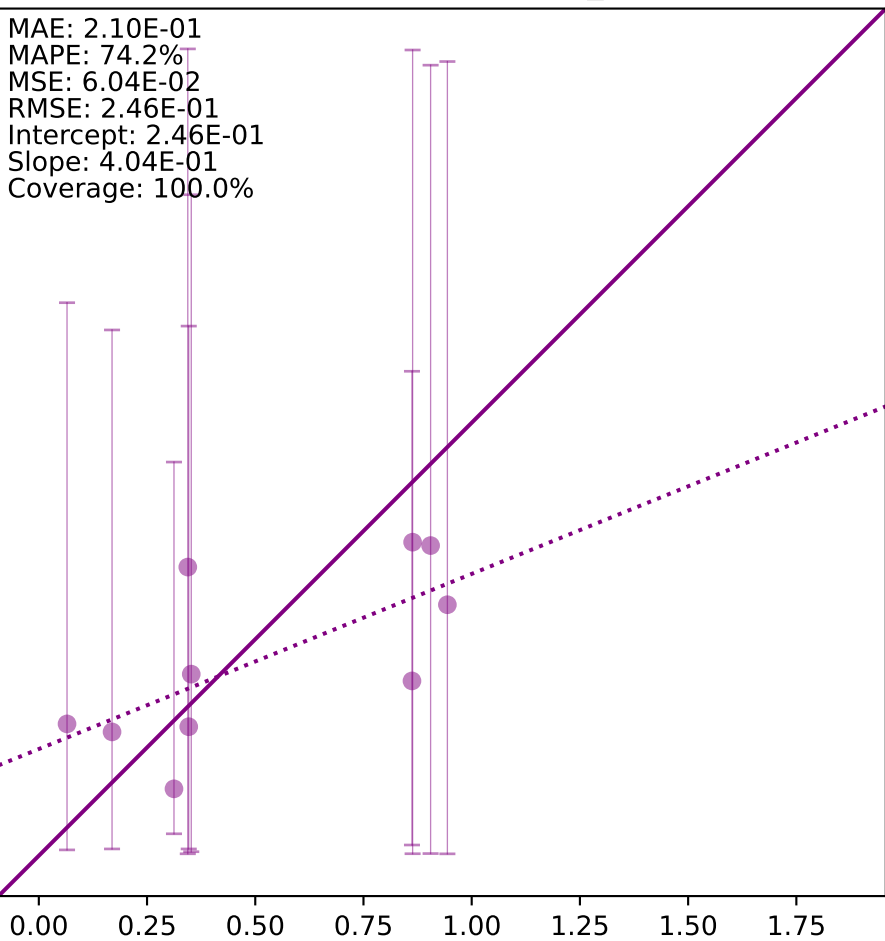


Test estimates: birth_2

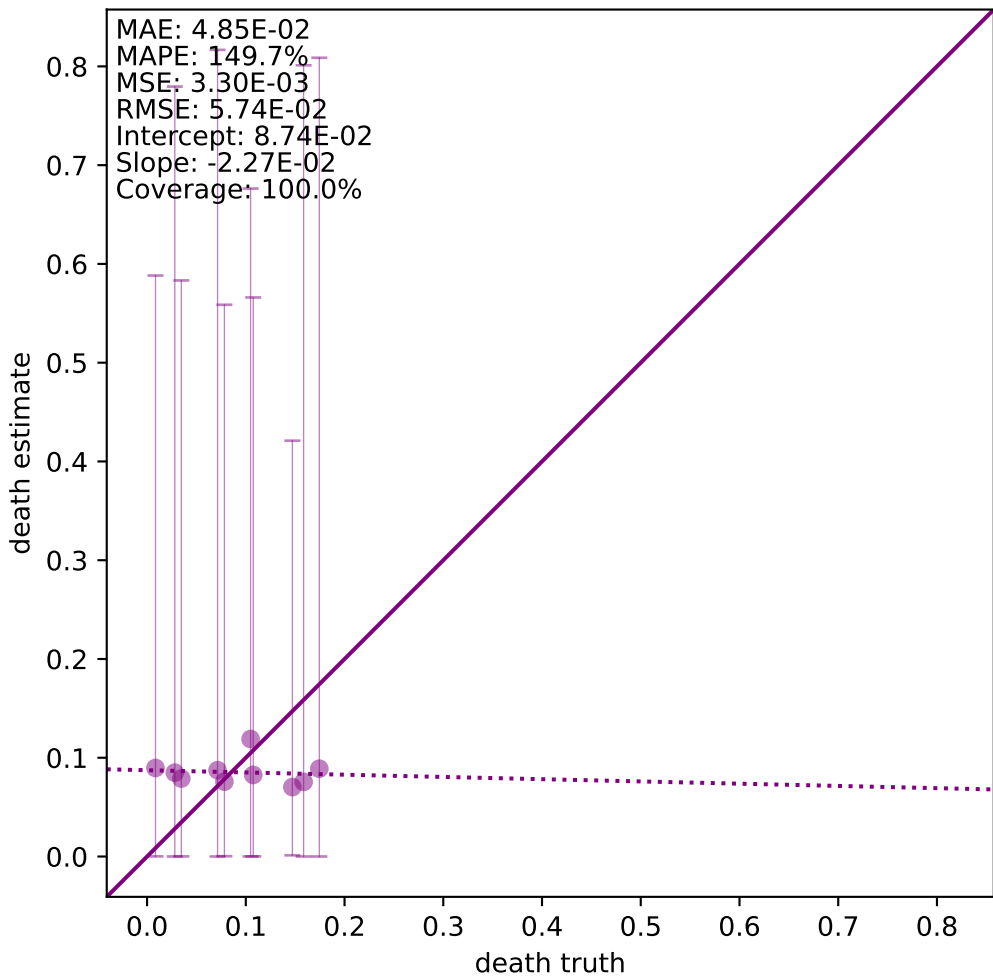
MAE: 2.10E-01
 MAPE: 74.2%
 MSE: 6.04E-02
 RMSE: 2.46E-01
 Intercept: 2.46E-01
 Slope: 4.04E-01
 Coverage: 100.0%

birth_2 estimate

birth_2 truth



Test estimates: death



Test estimates: state_rate

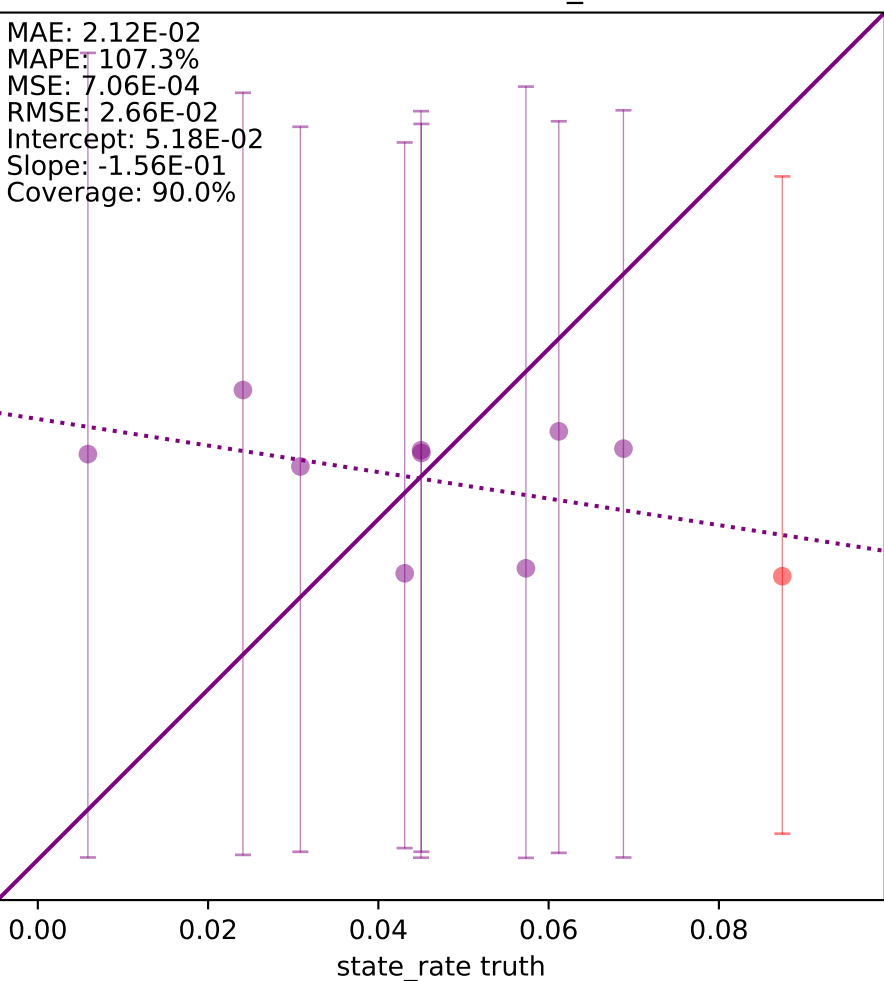
MAE: 2.12E-02
 MAPE: 107.3%
 MSE: 7.06E-04
 RMSE: 2.66E-02
 Intercept: 5.18E-02
 Slope: -1.56E-01
 Coverage: 90.0%

state_rate estimate

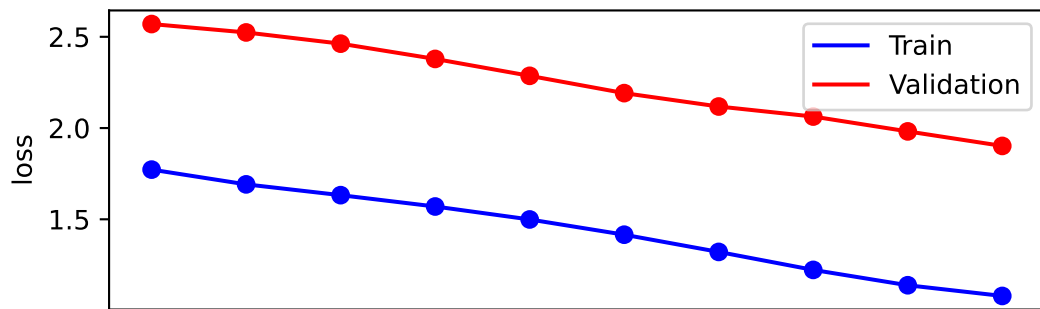
0.08
0.06
0.04
0.02
0.00

0.00 0.02 0.04 0.06 0.08

state_rate truth



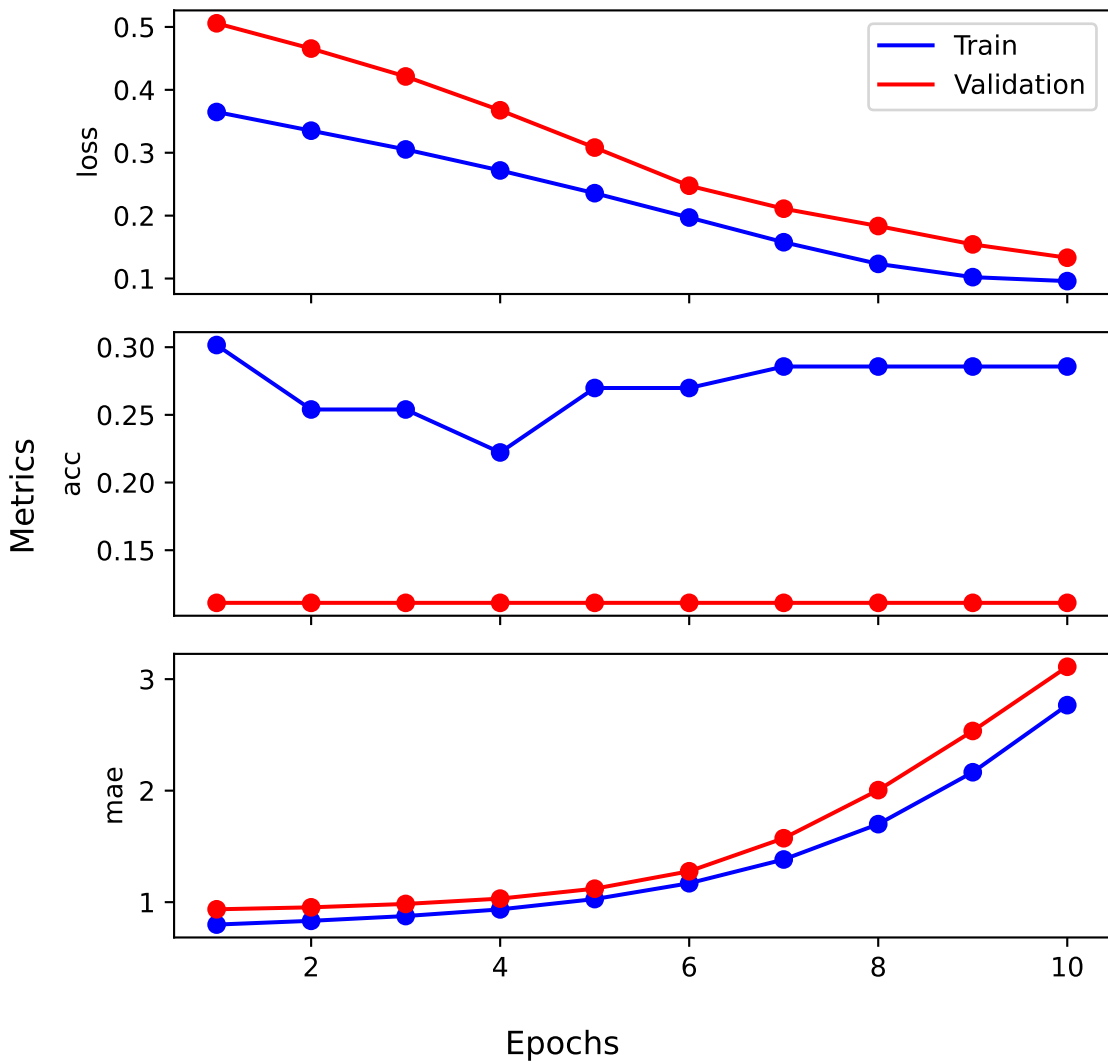
Training history: entire network



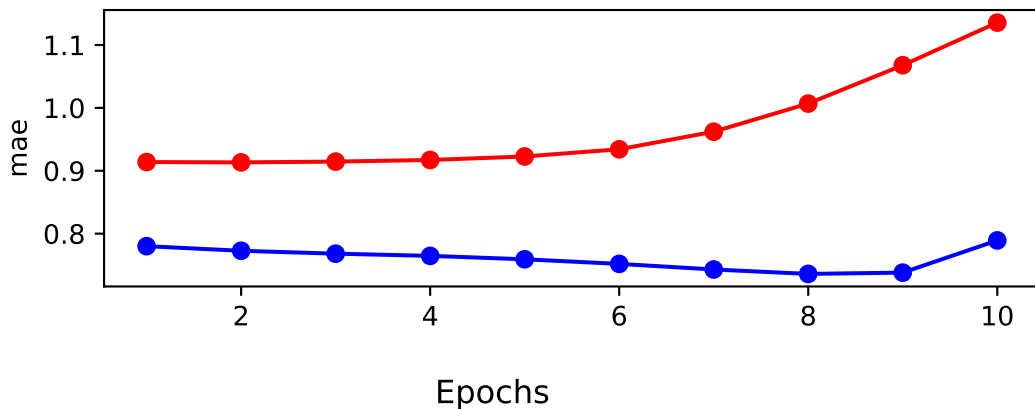
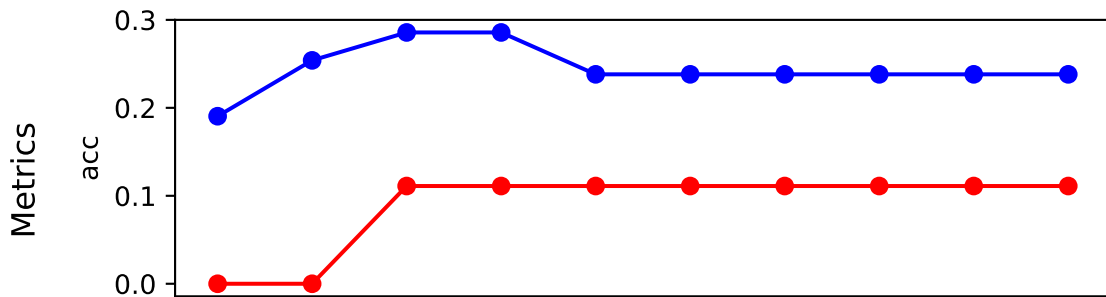
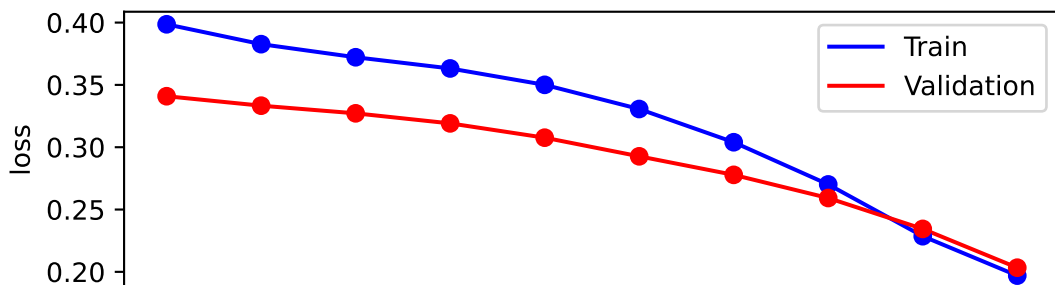
Metrics

Epochs

Training history: param_lower



Training history: param_upper



Training history: param_value

