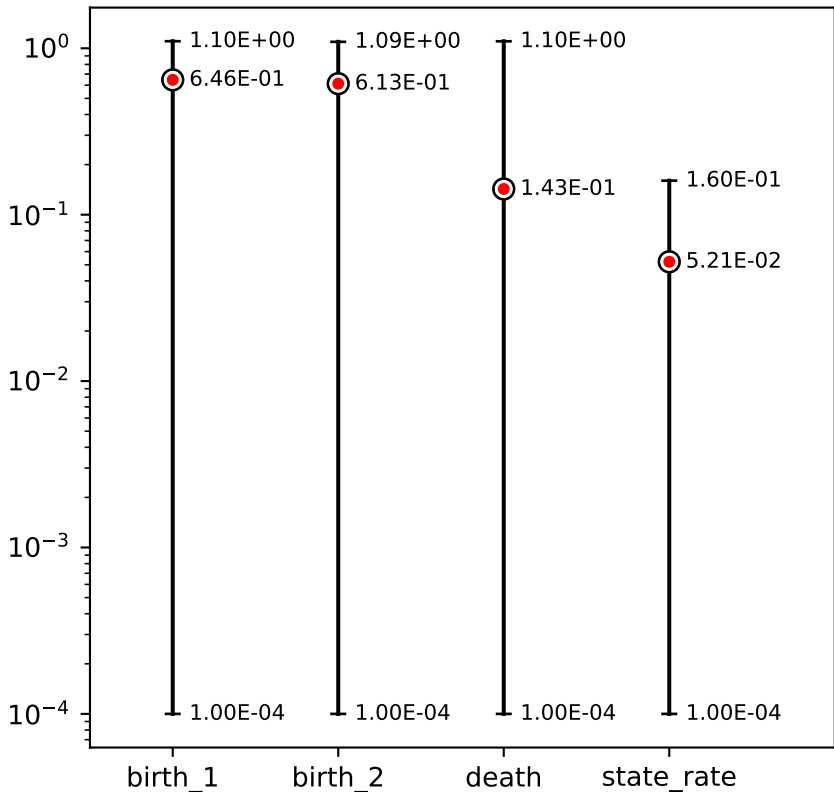
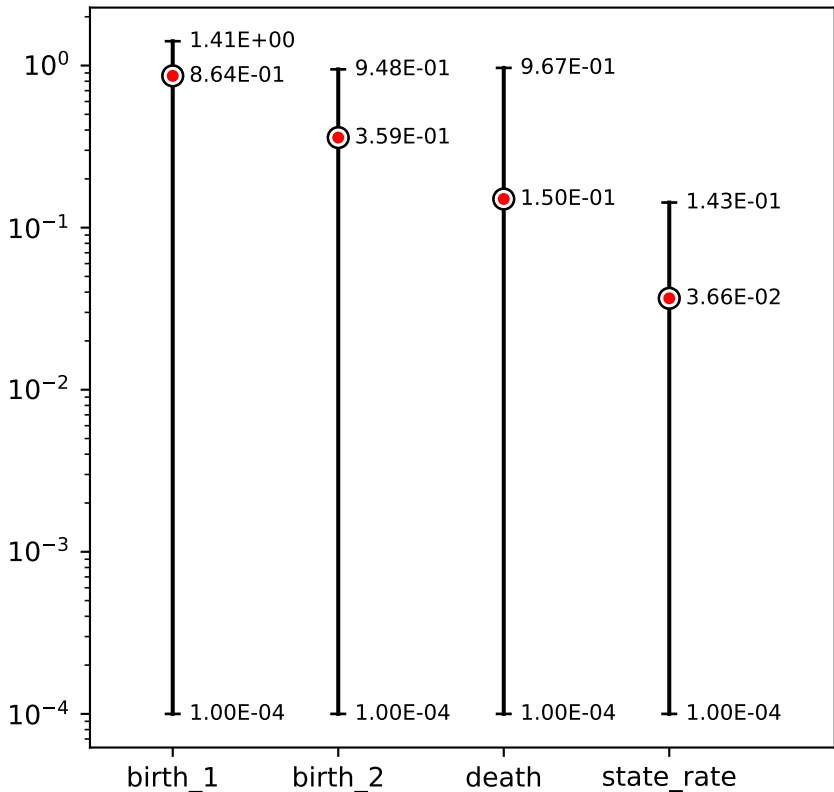


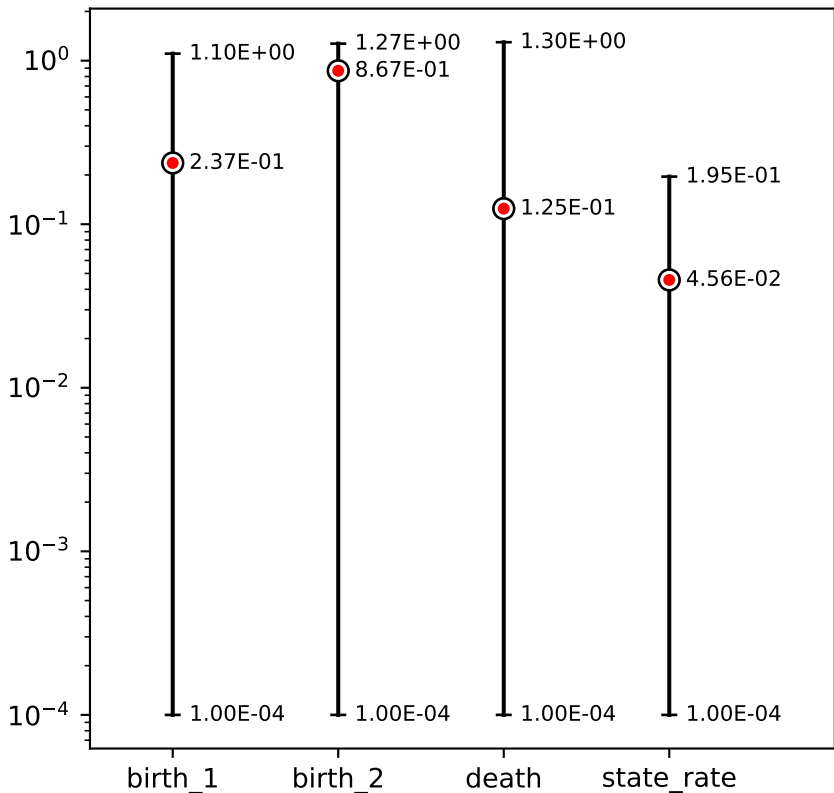
Estimate: out.empirical.0



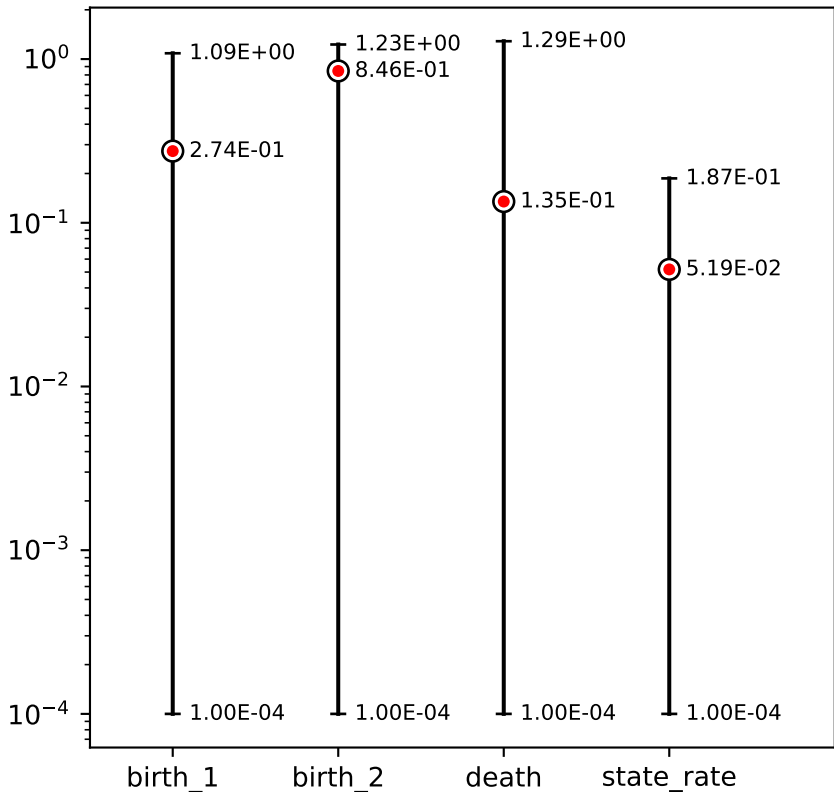
Estimate: out.empirical.1



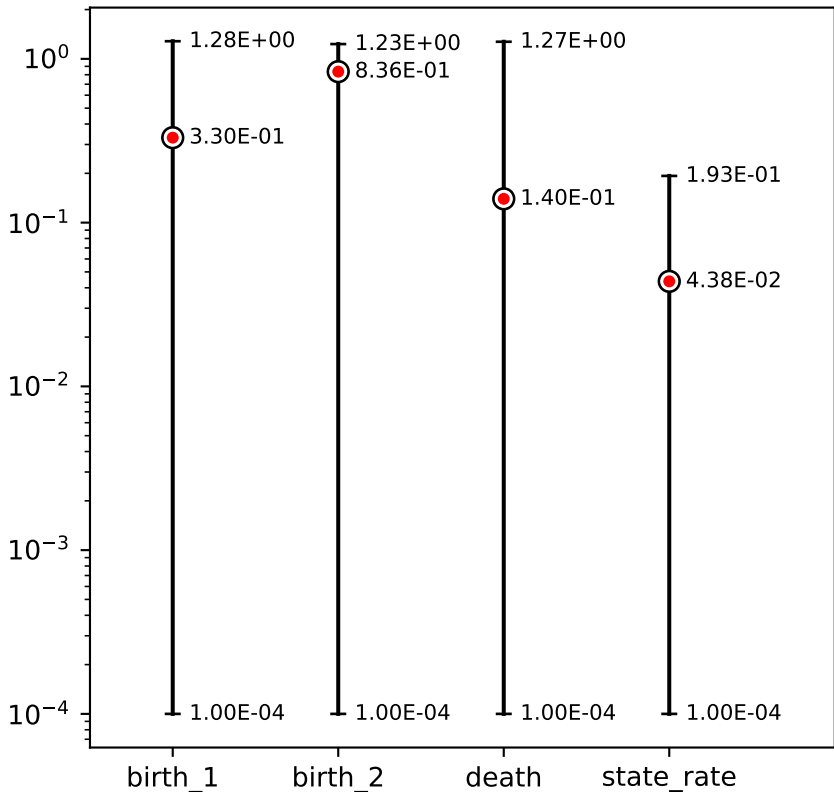
Estimate: out.empirical.2



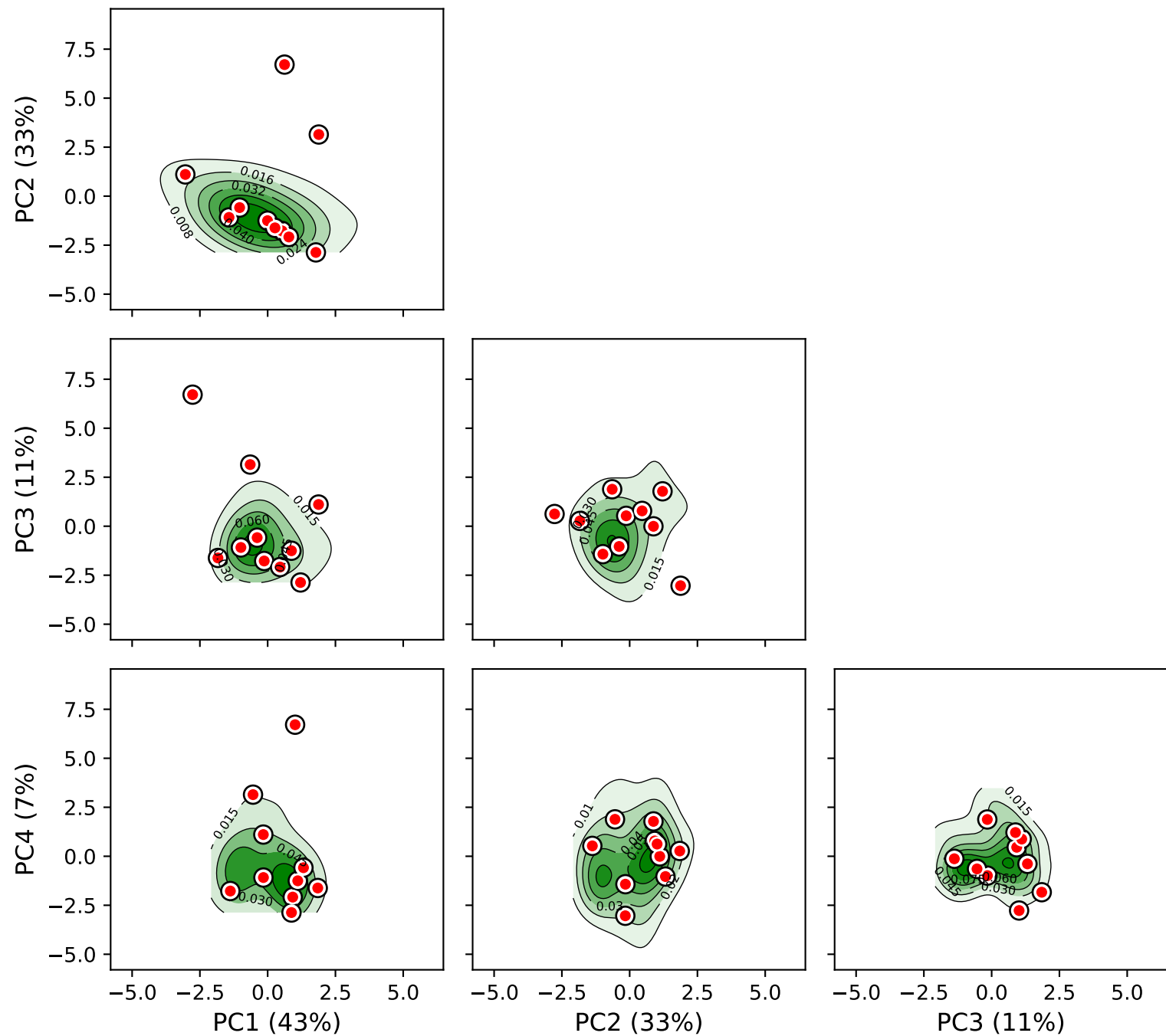
Estimate: out.empirical.3



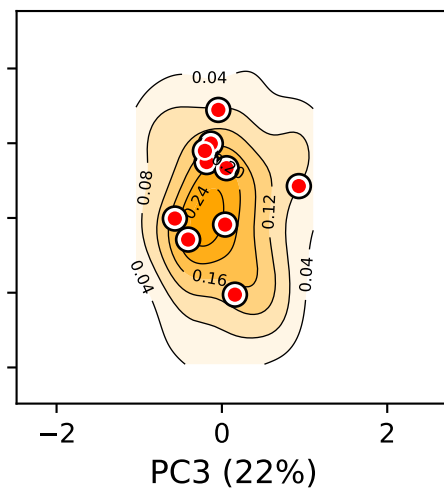
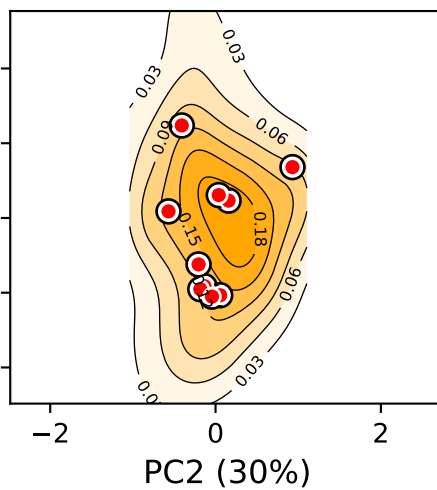
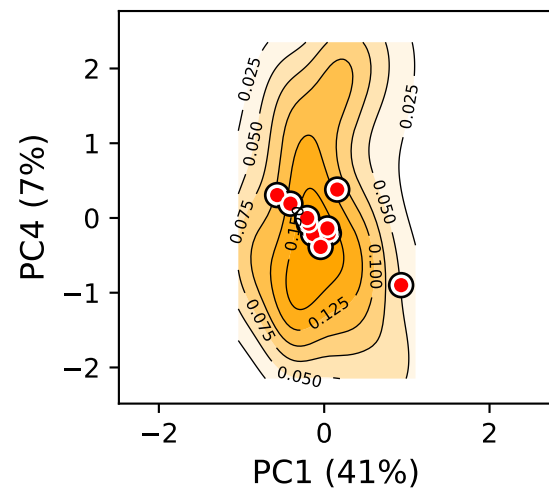
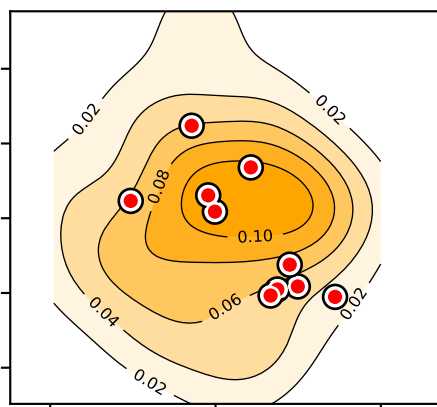
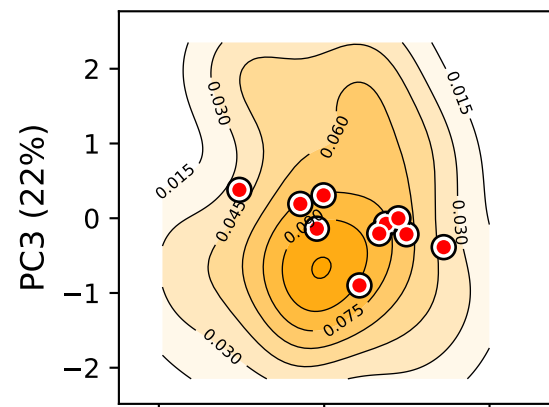
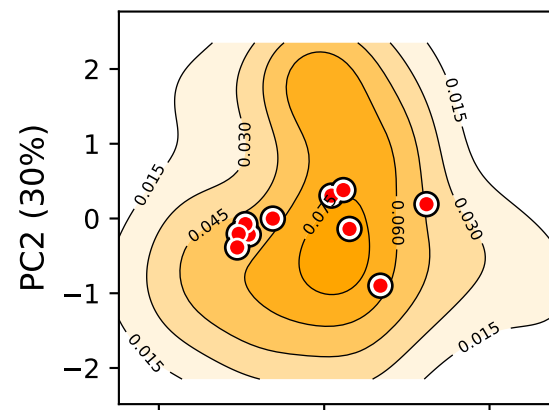
Estimate: out.empirical.4



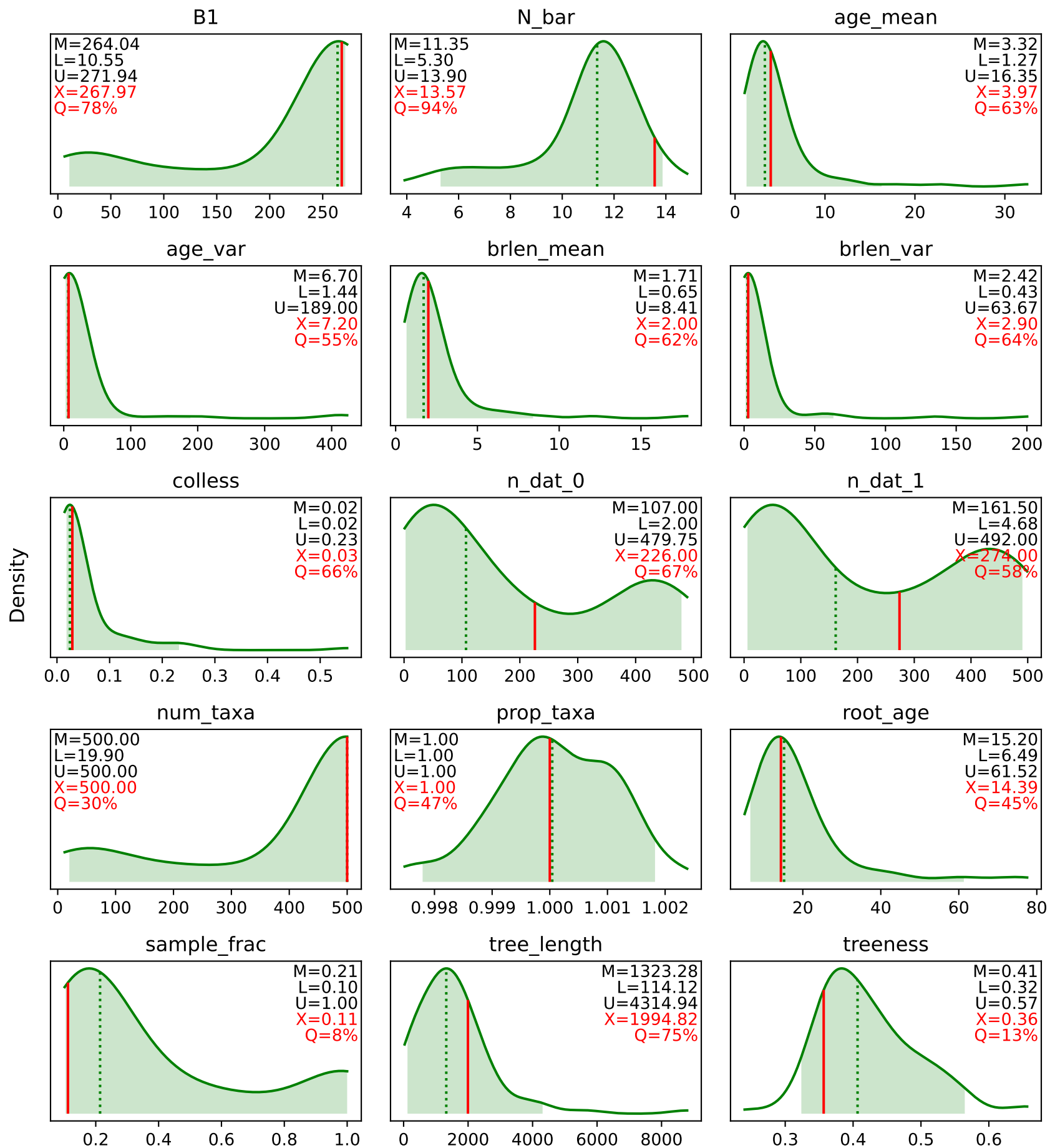
PCA: training aux. data



PCA: training labels

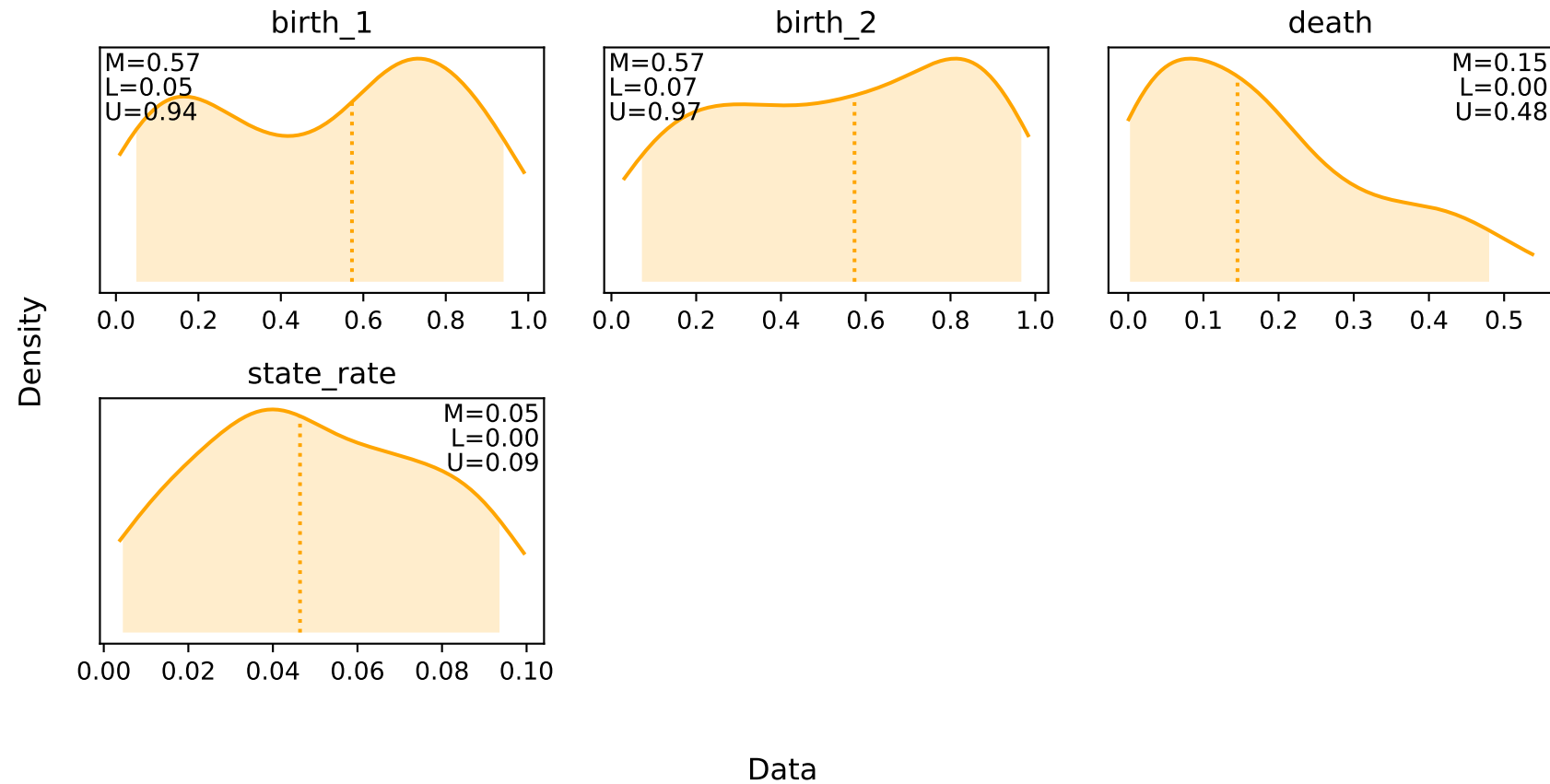


Density: training aux. data



Data

Density: training labels



Train estimates: birth_1

MAE: 1.66E-01
MAPE: 98.4%
MSE: 3.95E-02
RMSE: 1.99E-01
Intercept: 1.80E-02
Slope: 9.89E-01
Coverage: 100.0%
Coverage target: 95.0%

birth_1 estimate

1.5

1.0

0.5

0.0

-0.5

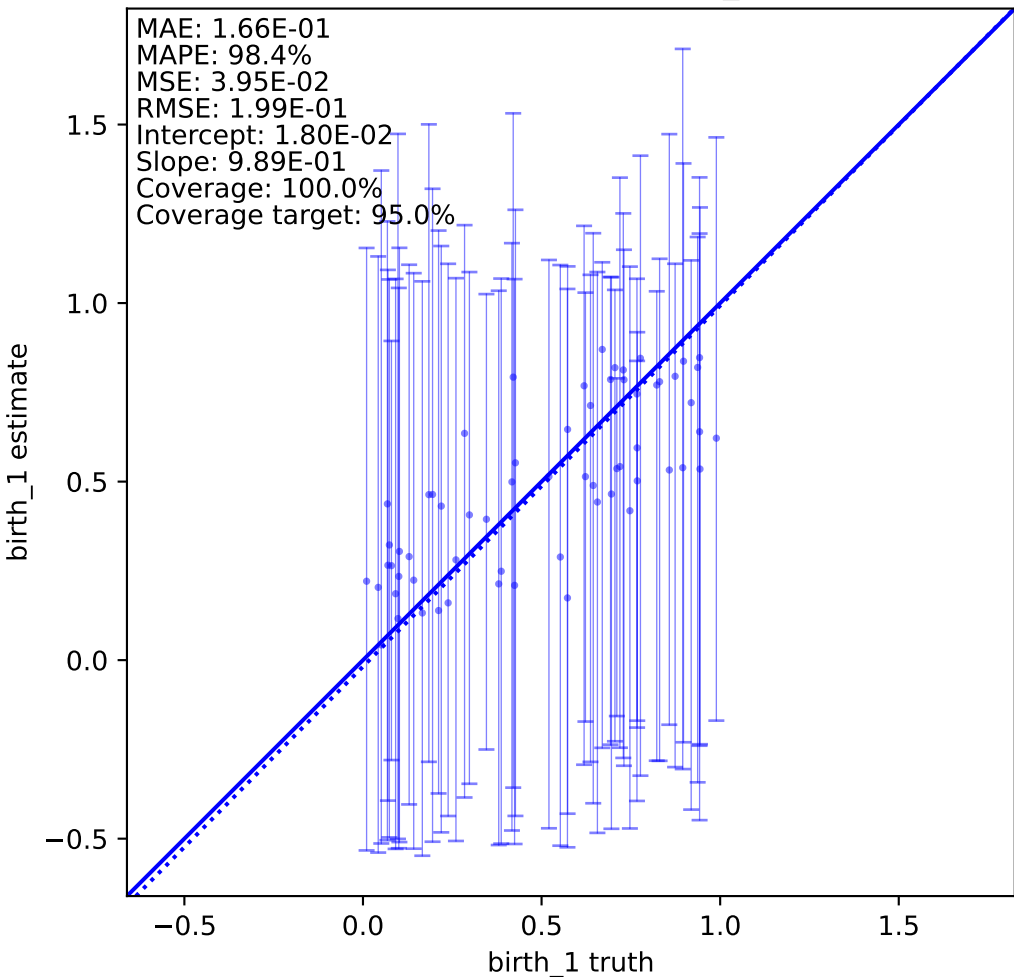
birth_1 truth

0.0

0.5

1.0

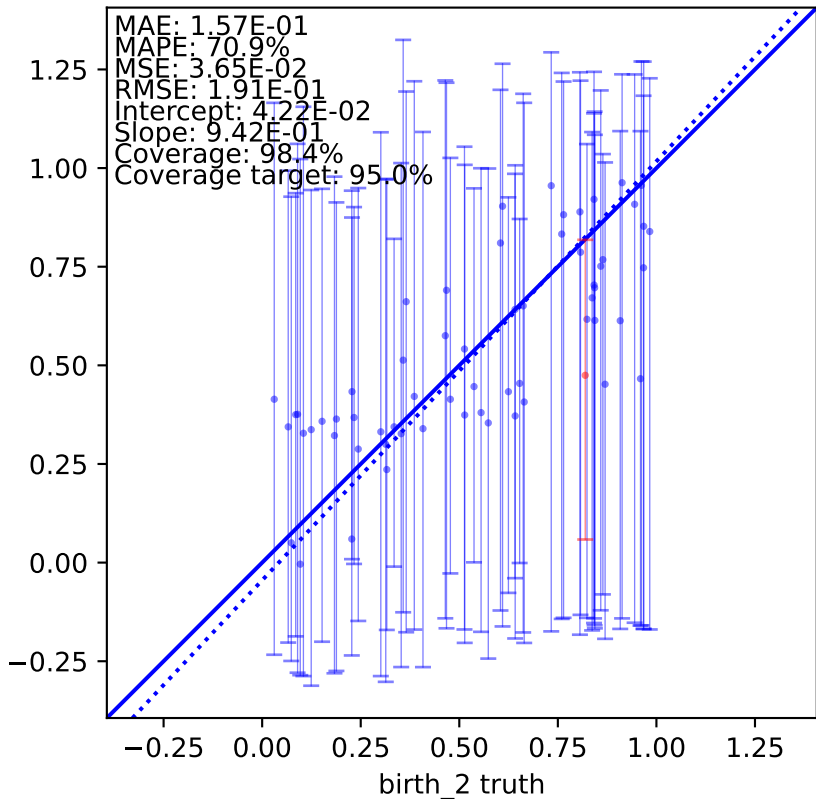
1.5



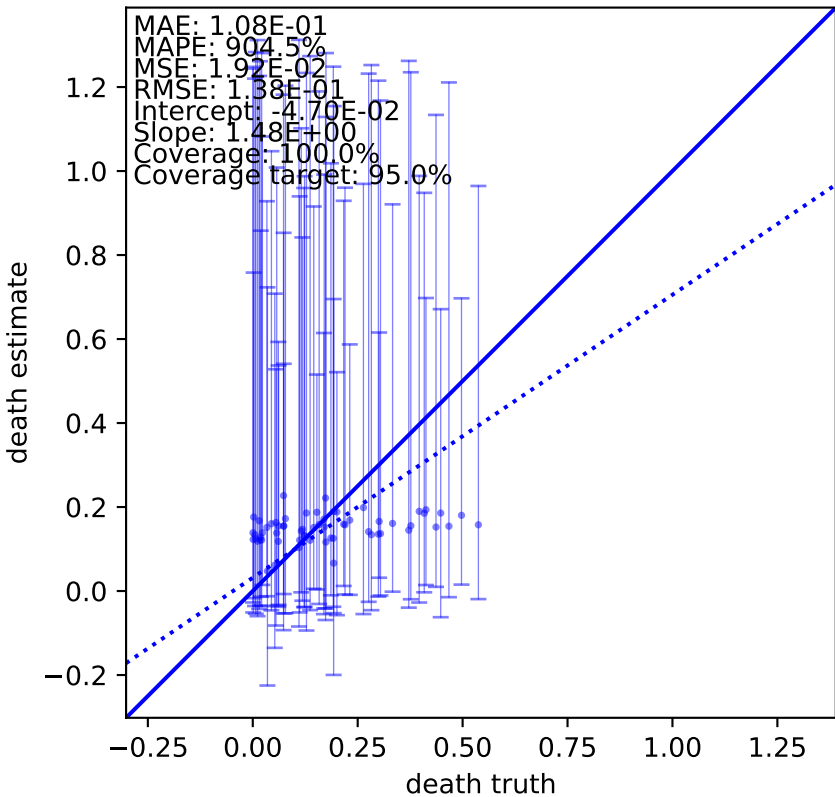
Train estimates: birth_2

MAE: 1.57E-01
MAPE: 70.9%
MSE: 3.65E-02
RMSE: 1.91E-01
Intercept: 4.22E-02
Slope: 9.42E-01
Coverage: 98.4%
Coverage target: 95.0%

birth_2 estimate



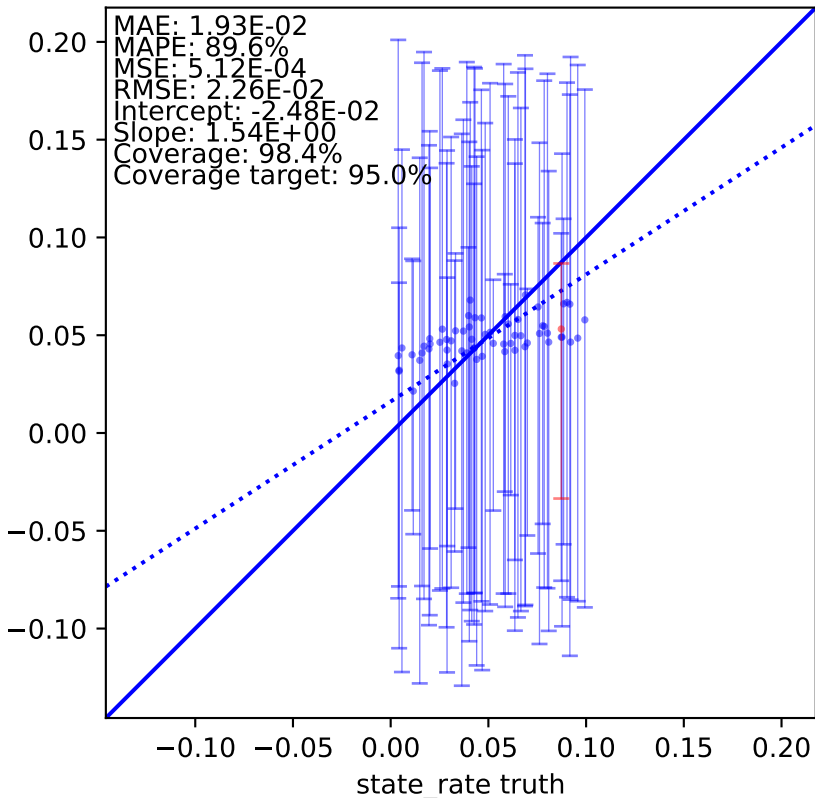
Train estimates: death



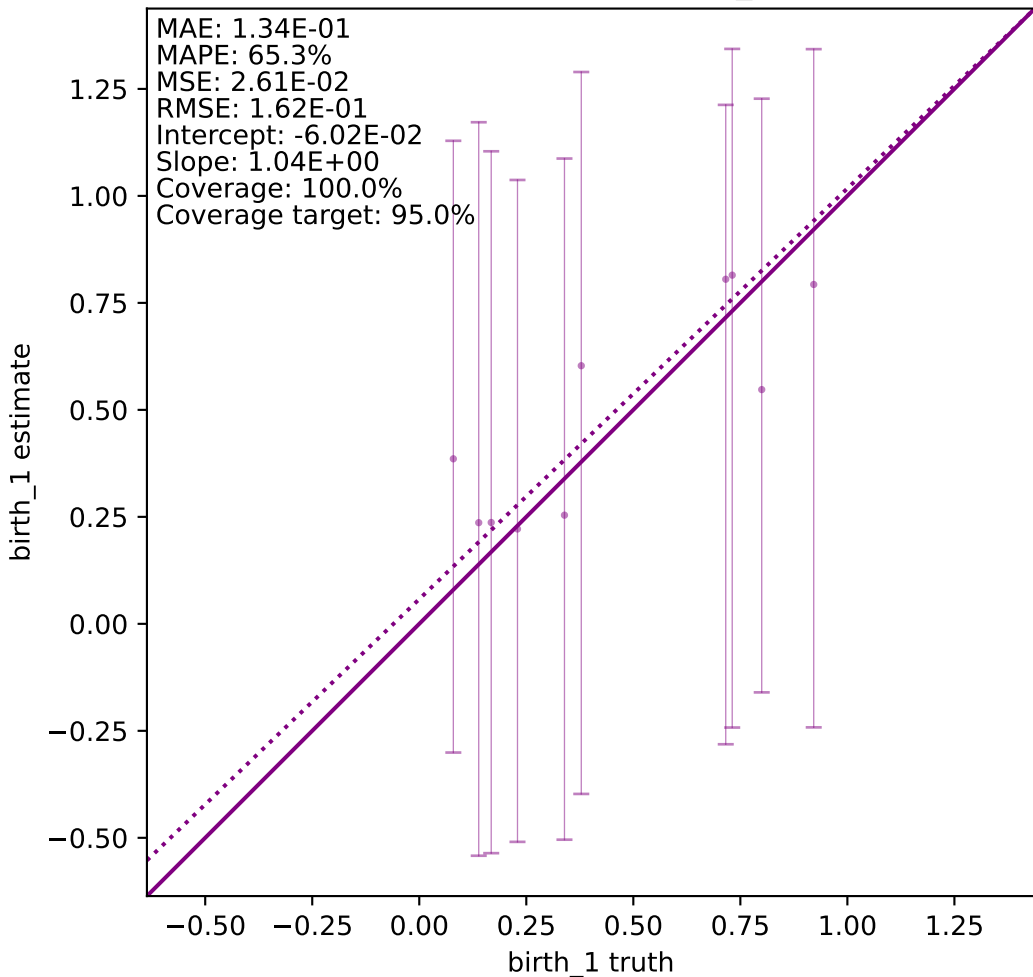
Train estimates: state_rate

MAE: 1.93E-02
MAPE: 89.6%
MSE: 5.12E-04
RMSE: 2.26E-02
Intercept: -2.48E-02
Slope: 1.54E+00
Coverage: 98.4%
Coverage target: 95.0%

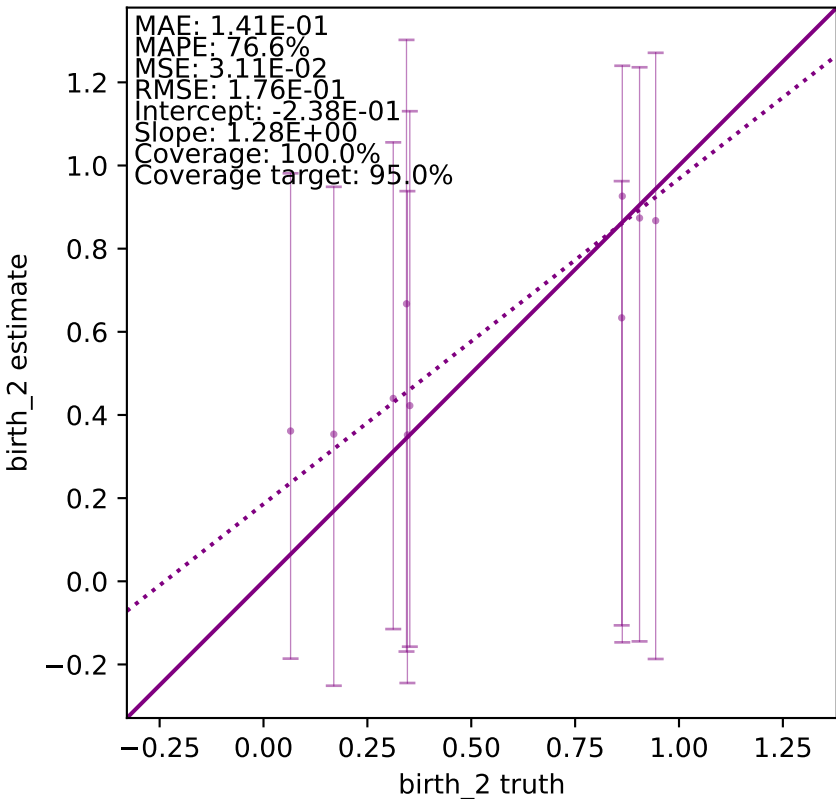
state_rate estimate



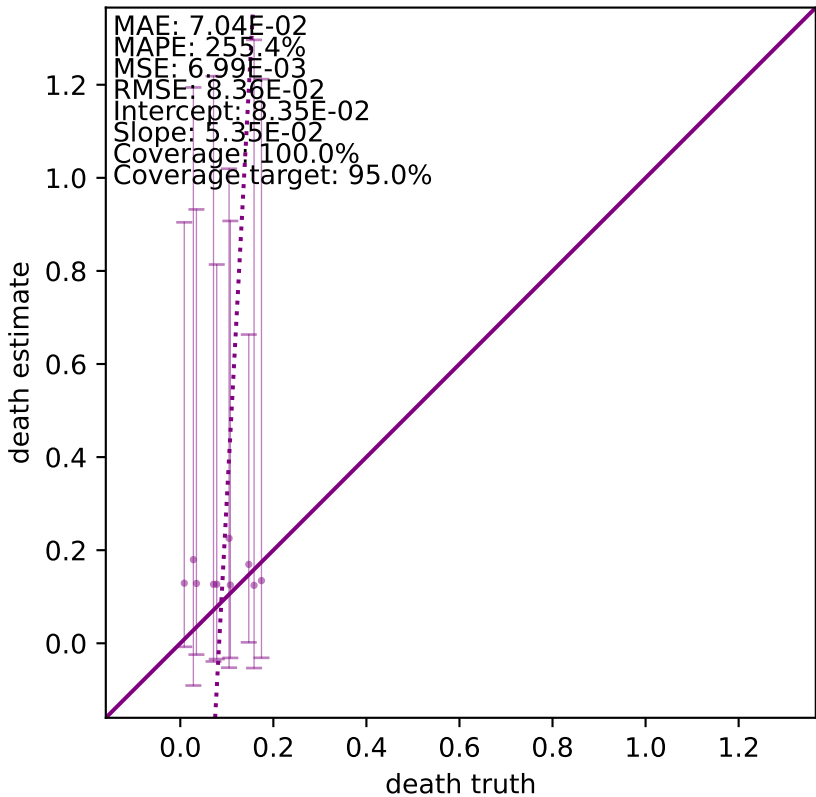
Test estimates: birth_1



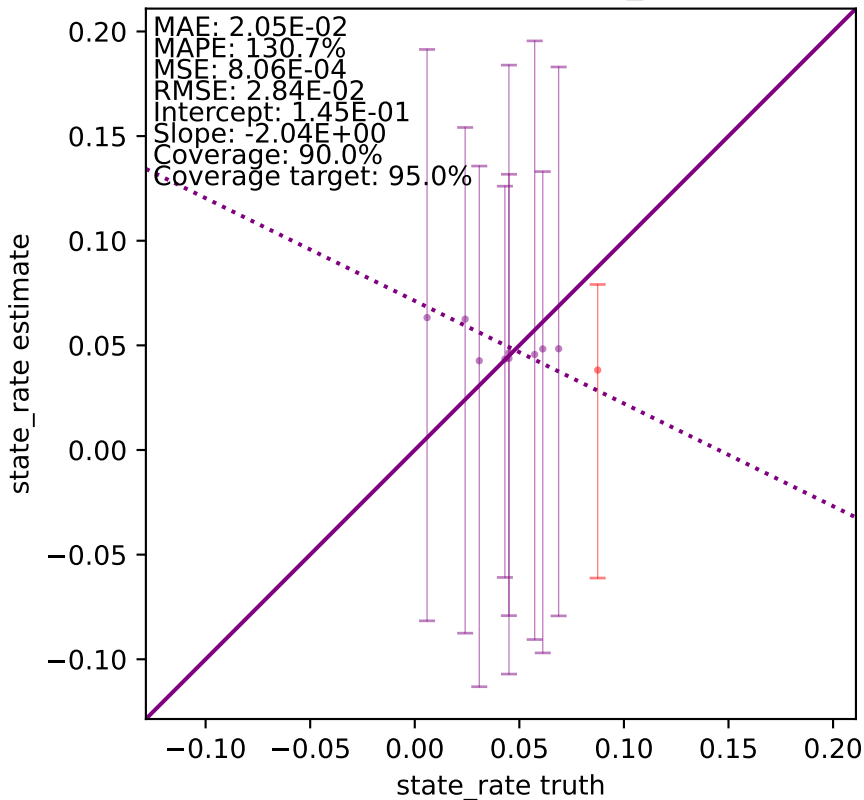
Test estimates: birth_2



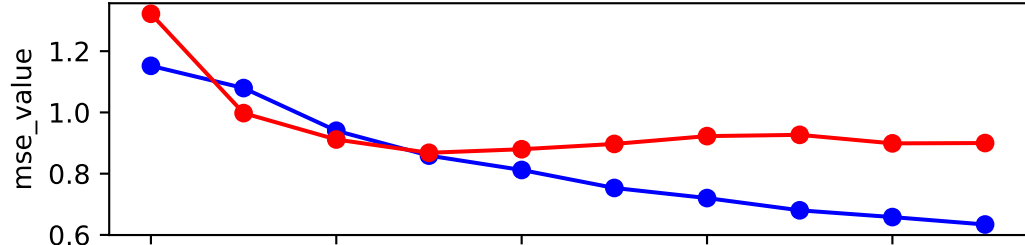
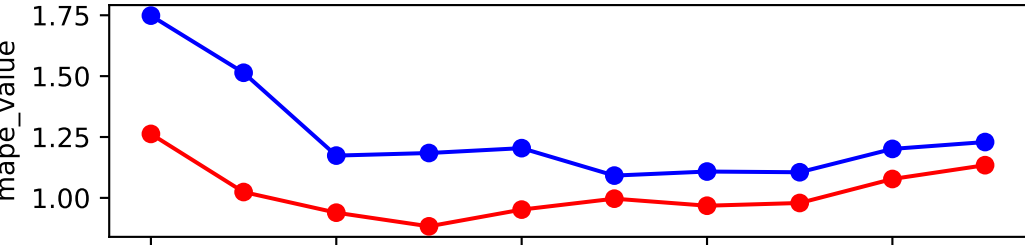
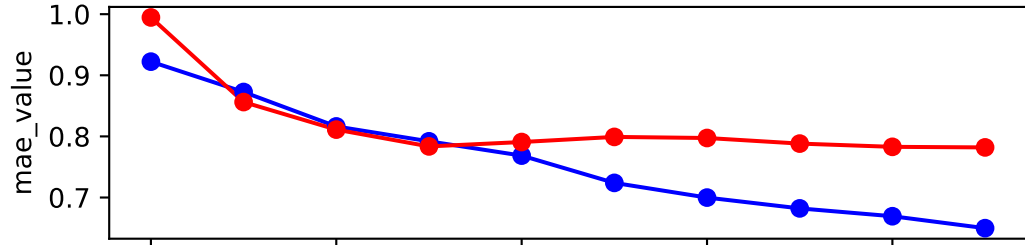
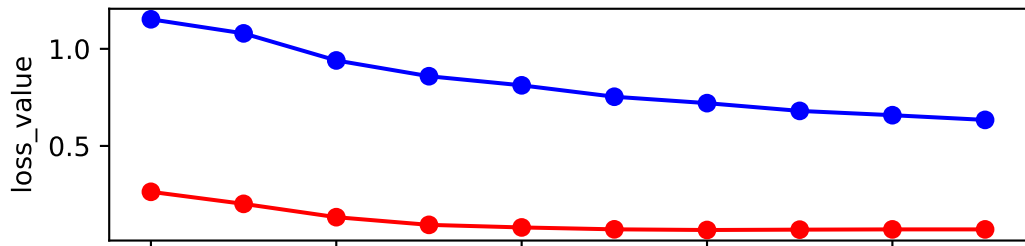
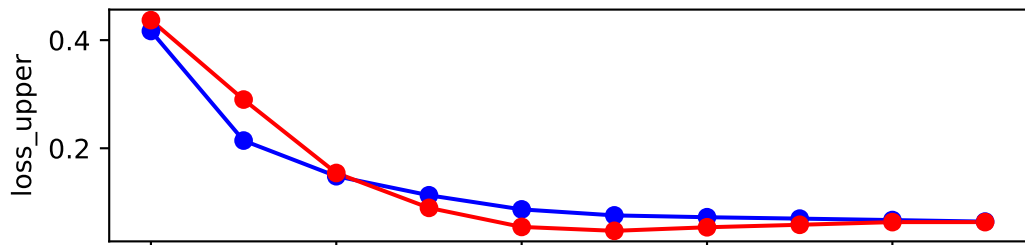
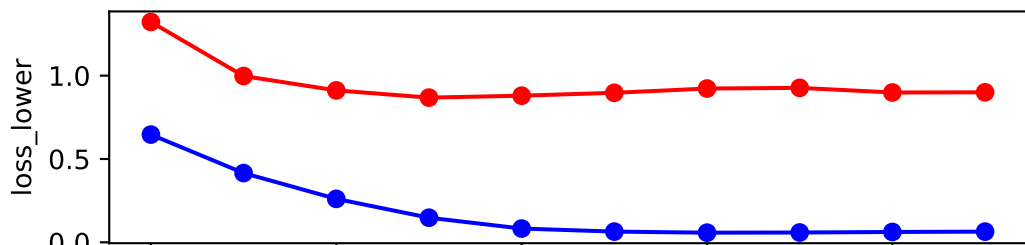
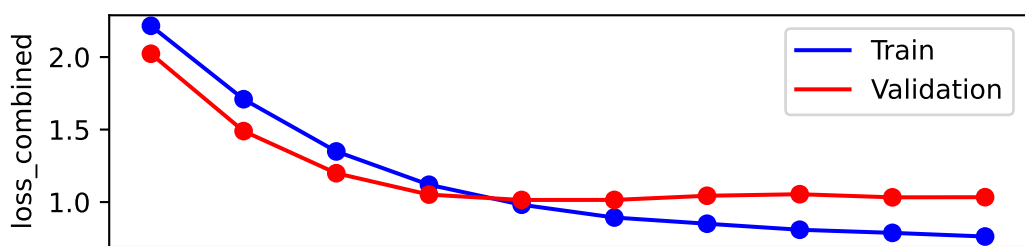
Test estimates: death



Test estimates: state_rate



Training history



Epochs

Metrics

