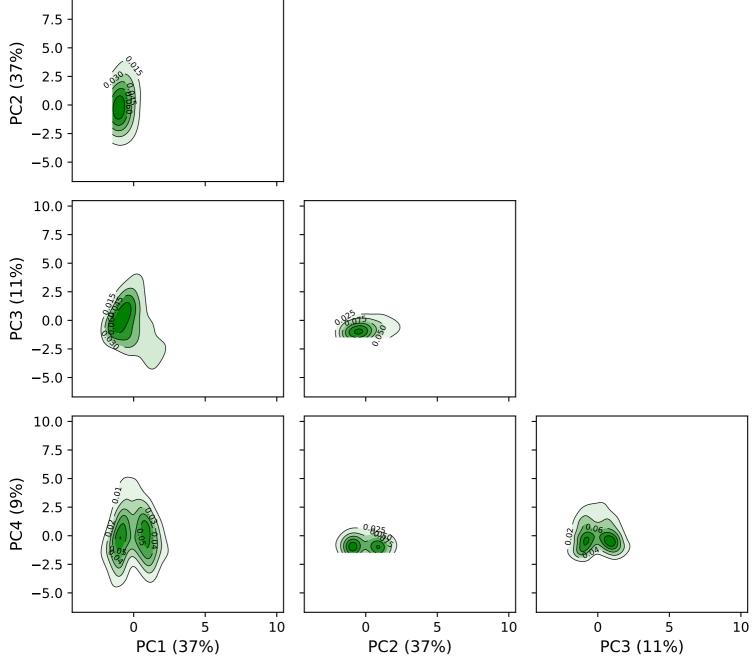
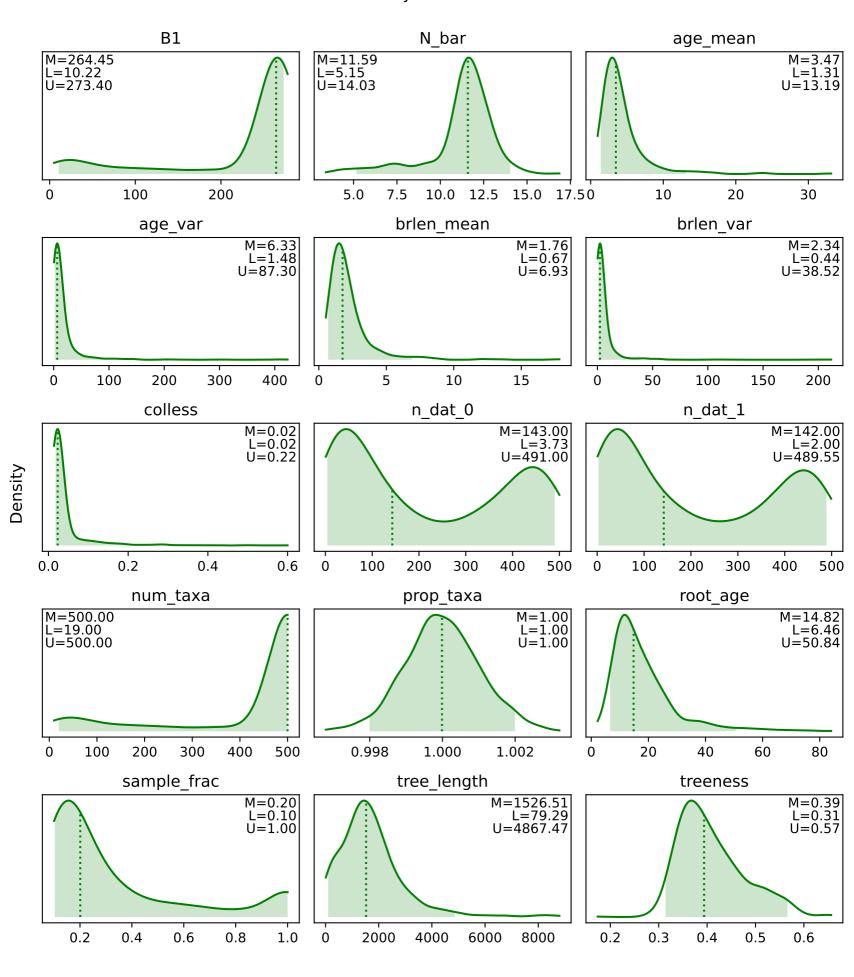
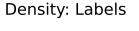
PCA: Aux. data

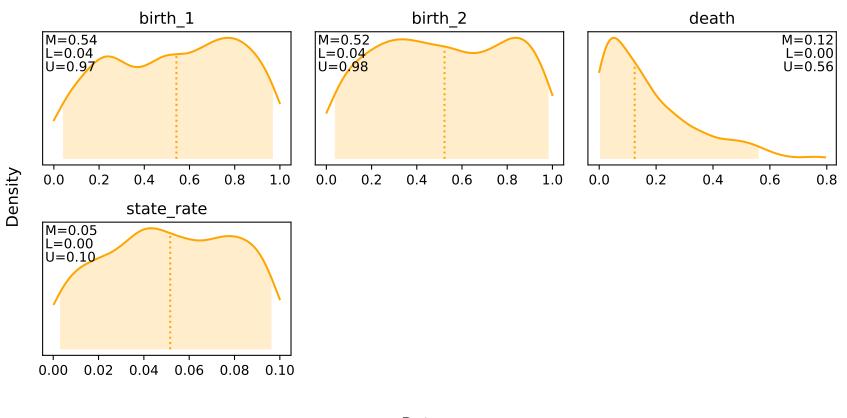


Density: Aux. data



Data





Data

Train estimates: birth 1 1.50 Intercept: -7.30E-02 Slope: 1.04E+00 Coverage: 84.8% 1.00 0.75 birth_1 truth 0.50 0.25 0.00 -0.250.25 -0.250.00 0.50 0.75 1.00 1.25 1.50 birth_1 truth

Train estimates: birth 2 MAE: 1.38E-01 MAPE: 81.2% MSE: 3.21E-02 RMSE: 1.79E-01 1.5 - Intercept: 2.30E-02 Slope: 9.18E-01 Coverage: 91.6% 1.0 birth_2 truth 0.5 0.0 -0.51.5 -0.50.0 0.5 1.0 birth_2 truth

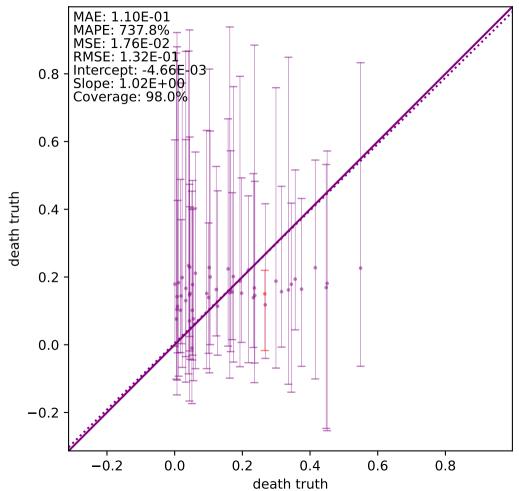
Train estimates: death 1.0 MAE: 1.13E-01 Intercept: -3.76E-02 Slope: 1.25E+00 Coverage: 94.4% 0.6 death truth 0.4 0.2 0.0 -0.2-0.20.0 0.2 0.6 8.0 0.4 1.0 death truth

Train estimates: state rate 0.150 MAE: 1.84E-02 MAPE: 156.8% 0.125 -Intercept: -1.60E-02 Slope: 1.26E+00 Coverage: 97.6% 0.100 0.075 state_rate truth 0.050 0.025 0.000 -0.025-0.0500.100 -0.050 - 0.025 0.0000.025 0.050 0.075 0.125 0.150 state rate truth

Test estimates: birth 1 MAE: 1.69E-01 MAPE: 241.1% RMSE: 2.06E-01 Intercept: -9.57E-02-Slope: 1-08E+00 Coverage: 80.0% 1.0 8.0 birth_1 truth 0.6 0.4 0.2 0.0 -0.20.2 0.0 0.4 0.6 1.0 1.2 1.4 -0.28.0 birth 1 truth

Test estimates: birth 2 MAE: 1.38E-01 MAPE: 352.8% Intercept: 7.77E-02 Slope: 8.37E-01 Coverage: 90.0% 1.50 1.25 1.00 birth_2 truth 0.75 0.50 0.25 0.00 -0.250.25 0.00 0.50 0.75 1.00 1.25 1.50 1.75 -0.25birth_2 truth

Test estimates: death



Test estimates: state_rate MAE: 2.24E-02 0.150 0.125 - Intercept: -2.36E-02 Slope: 1.30E+00 Coverage: 92.0% 0.100 0.075 state_rate truth 0.050 0.025 0.000 -0.025-0.0500.100 -0.050 - 0.025 0.0000.025 0.050 0.075 0.125 0.150 state rate truth

