Parameters evolution at epoch 0 0.05 -0.05 True speed normal x True speed normal y Predicted speed_normal_x Predicted speed normal y 0.00 0.00 20 40 60 80 100 20 40 60 80 100 True speed_x True speed_y 0.01 -Predicted speed x 0.01 Predicted speed_y 0.00 0.00 20 60 80 20 80 40 100 40 60 100 True Mean_mu_x True Mean mu y Predicted Mean mu x 0.5 Predicted Mean mu y 0.0 80 20 40 60 100 20 40 60 80 100 True log(std mu x) True log(std mu y) Predicted log(std_mu_y) Predicted log(std mu x) -1 --1

100

20

40

60

80

100

20

40

60

80