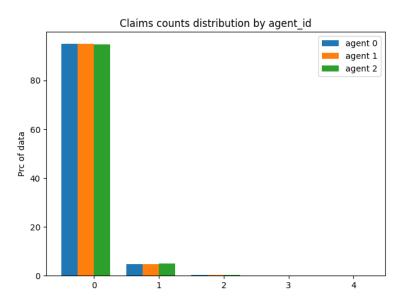
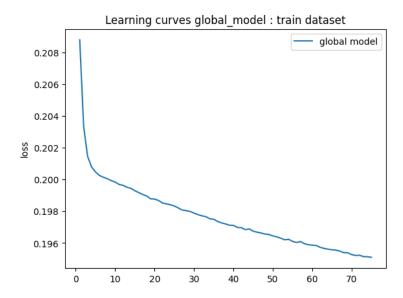
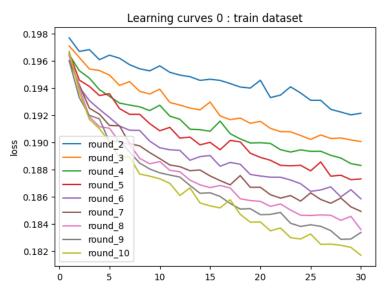
Run Results: num_agents: 10; num_rounds: 10; epochs: 30; epochs local and global: 75

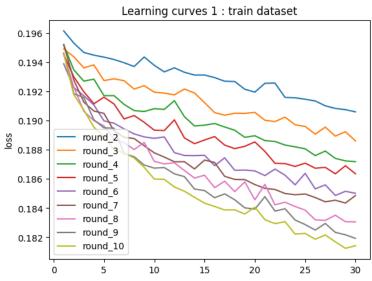
Input Data: Distribution of numbers of observed claims by FL participating parties.

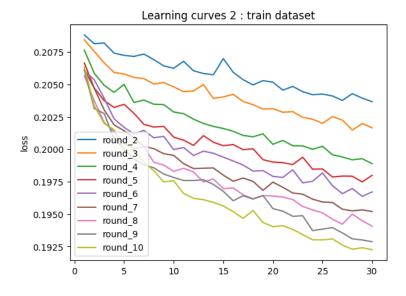


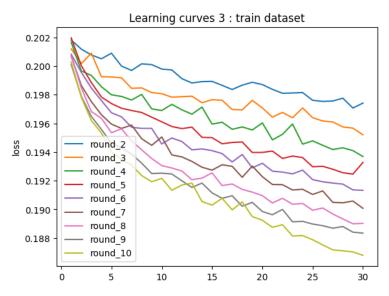
Model Training: Learning curves; Train dataset

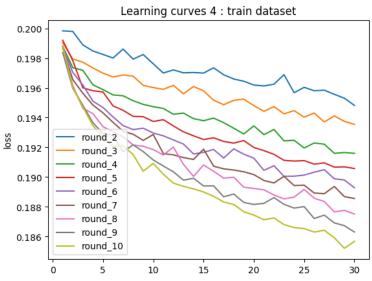


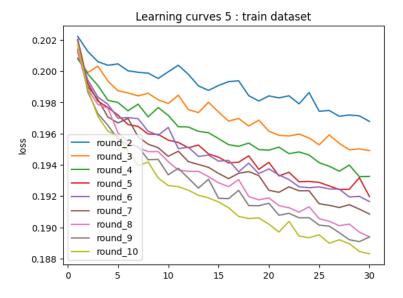


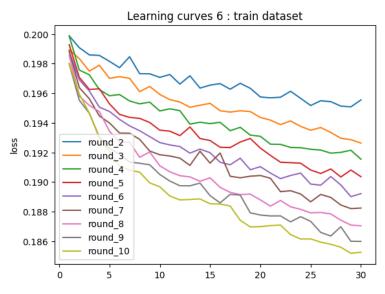


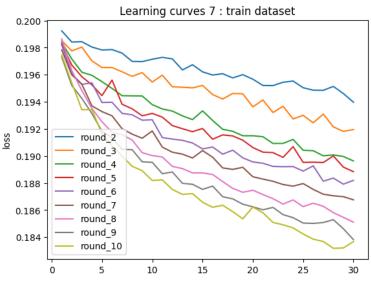


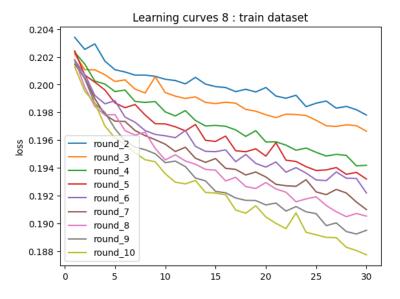


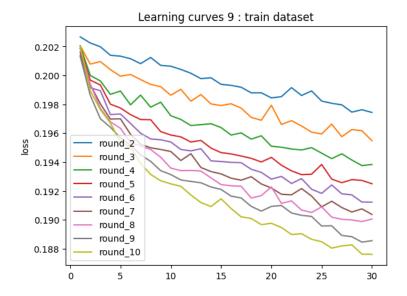




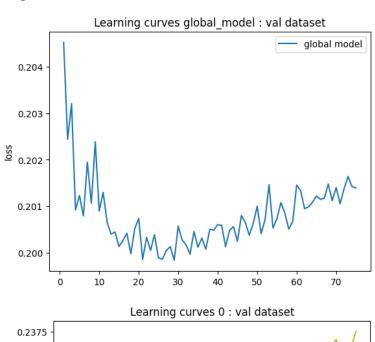


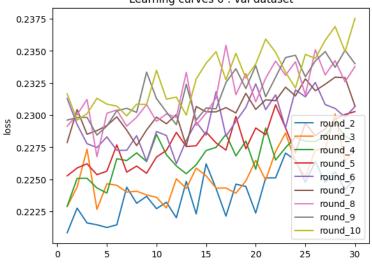


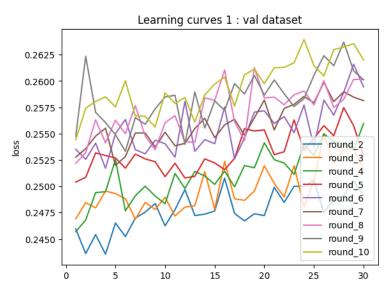


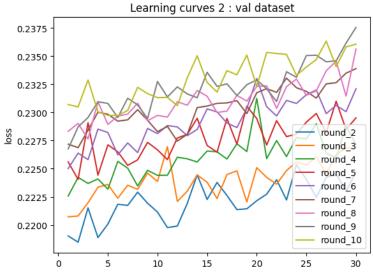


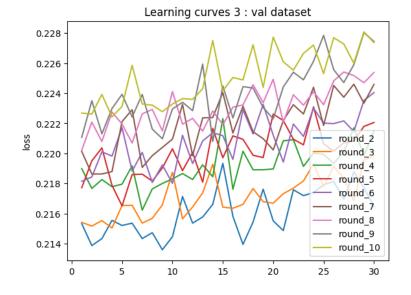
Model Training: Learning curves; Validation dataset

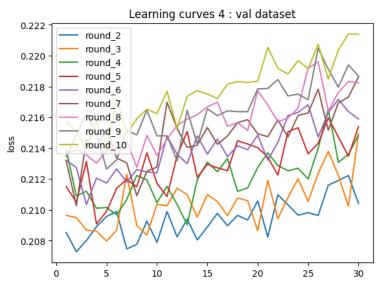


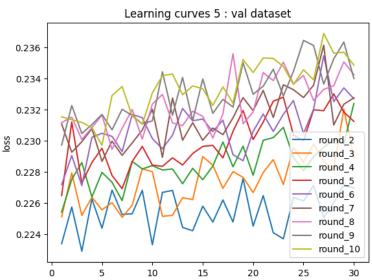


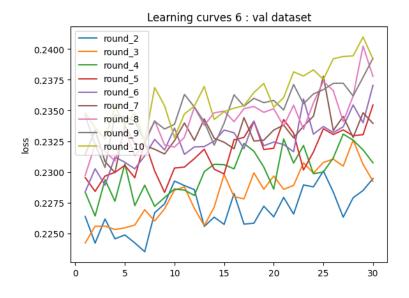


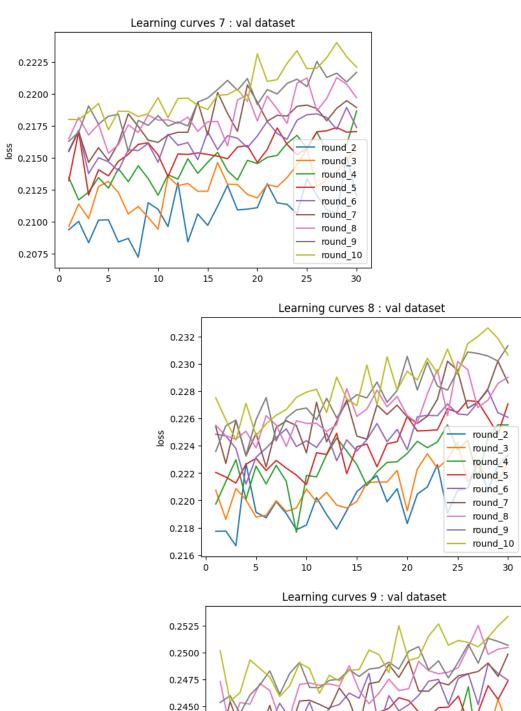


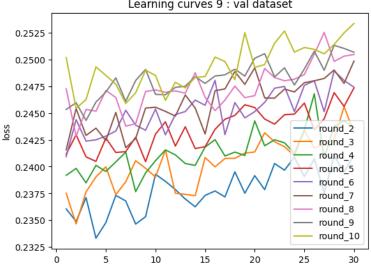












Test statistics for FL model

Mean Poisson Deviance: 0.305

Prc Poisson Deviance Explained: 0.030

Mean Squared Error: 0.056

R^2: 0.013

EV: 0.013

Test statistics for global model

Mean Poisson Deviance: 0.299

Prc Poisson Deviance Explained: 0.046

Mean Squared Error: 0.055

R^2: 0.025

EV: 0.025

Test statistics for agent_no 0

Mean Poisson Deviance: 0.309

Prc Poisson Deviance Explained: 0.018

Mean Squared Error: 0.056

R^2: 0.006

EV: 0.006

Test statistics for agent_no 1

Mean Poisson Deviance: 0.308

Prc Poisson Deviance Explained: 0.018

Mean Squared Error: 0.056

R^2: 0.004

EV: 0.004

Test statistics for agent_no 2

Mean Poisson Deviance: 0.309

Prc Poisson Deviance Explained: 0.016

Mean Squared Error: 0.056

R^2: 0.006

EV: 0.006

Test statistics for agent_no 3

Mean Poisson Deviance: 0.309

Prc Poisson Deviance Explained: 0.010

Mean Squared Error: 0.056

R^2: 0.004

EV: 0.004

Test statistics for agent_no 4

Mean Poisson Deviance: 0.308

Prc Poisson Deviance Explained: 0.013

Mean Squared Error: 0.056

R^2: 0.008

EV: 0.008

Test statistics for agent_no 5

Mean Poisson Deviance: 0.308

Prc Poisson Deviance Explained: 0.016

Mean Squared Error: 0.056

R^2: 0.006

EV: 0.006

Test statistics for agent_no 6

Mean Poisson Deviance: 0.307

Prc Poisson Deviance Explained: 0.024

Mean Squared Error: 0.056

R^2: 0.010

EV: 0.010

Test statistics for agent_no 7

Mean Poisson Deviance: 0.307

Prc Poisson Deviance Explained: 0.017

Mean Squared Error: 0.056

R^2: 0.008

EV: 0.008

Test statistics for agent_no 8

Mean Poisson Deviance: 0.310

Prc Poisson Deviance Explained: 0.013

Mean Squared Error: 0.056

R^2: 0.003

EV: 0.003

Test statistics for agent_no 9

Mean Poisson Deviance: 0.307

Prc Poisson Deviance Explained: 0.022

Mean Squared Error: 0.056

R^2: 0.005

EV: 0.005

