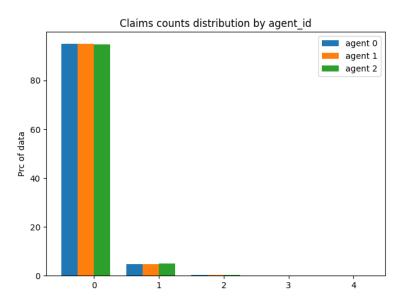
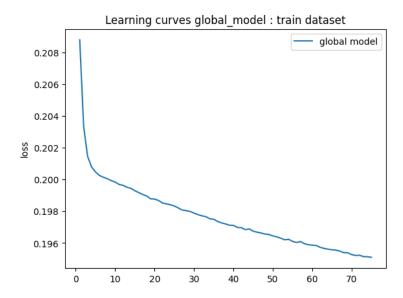
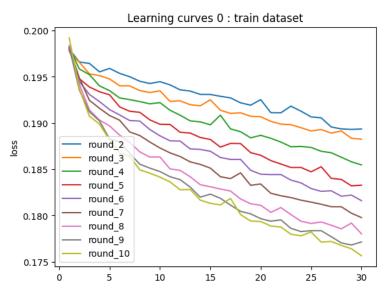
Run Results: num_agents: 10; num_rounds: 10; epochs: 30; epochs local and global: 75

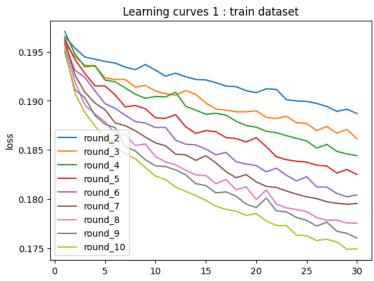
Input Data: Distribution of numbers of observed claims by FL participating parties.

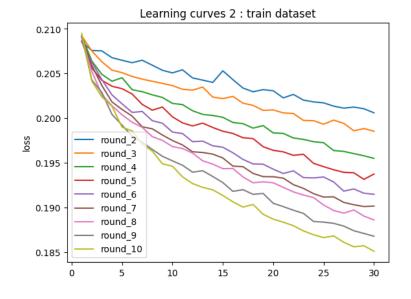


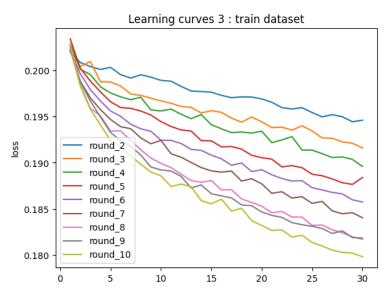
Model Training: Learning curves; Train dataset

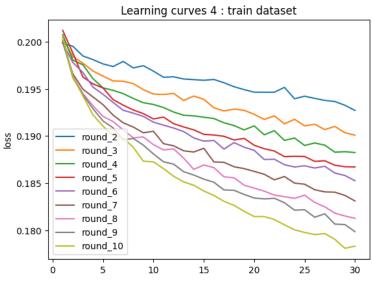


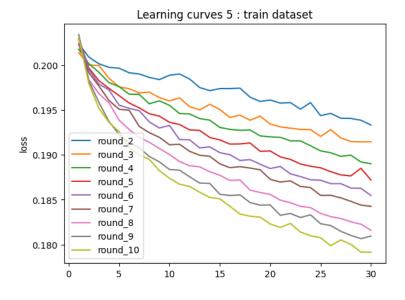


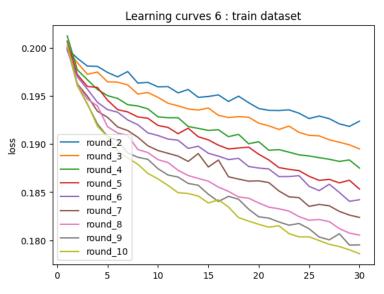


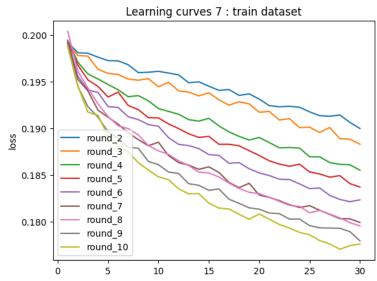


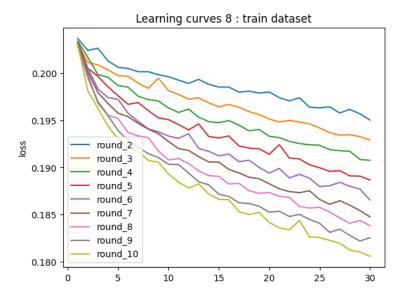


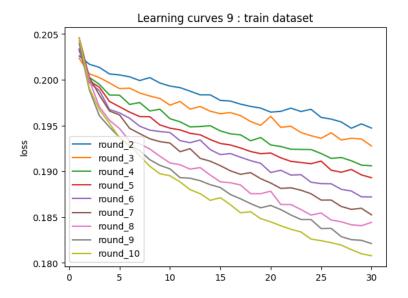








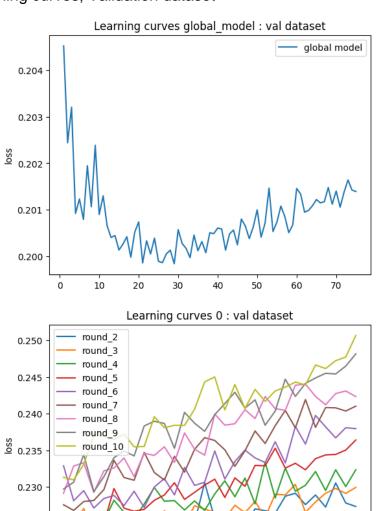




Model Training: Learning curves; Validation dataset

0.225

0.220

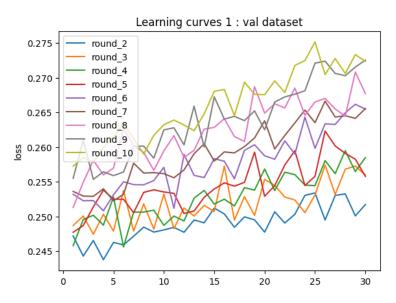


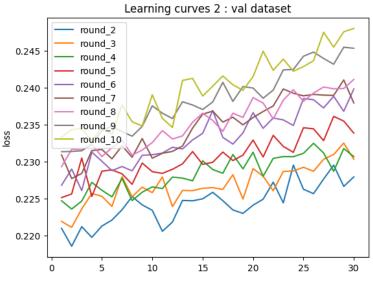
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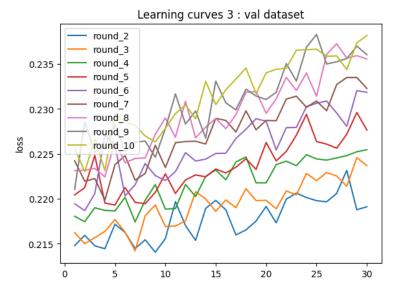
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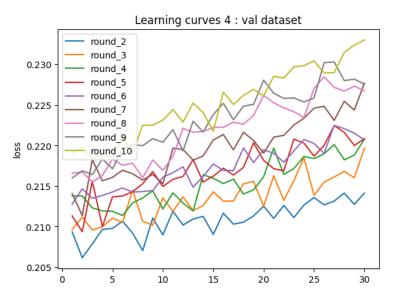
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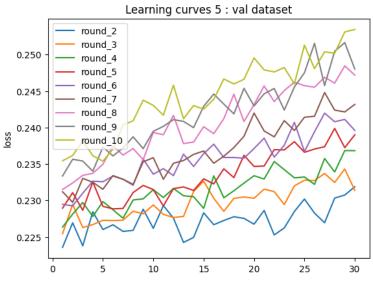
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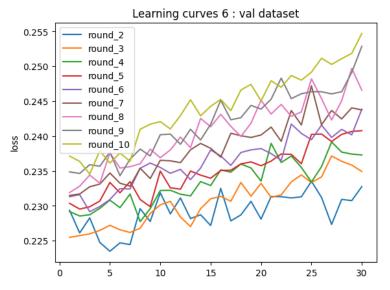


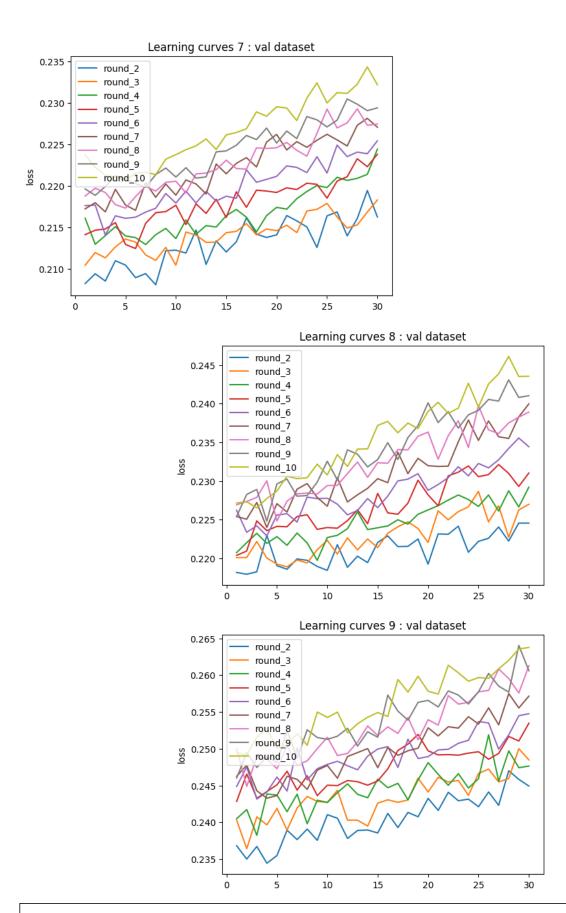












Test statistics for FL model

Mean Poisson Deviance: 0.318

Prc Poisson Deviance Explained: -0.009

Mean Squared Error: 0.057

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: 0.318

Prc Poisson Deviance Explained: -0.012

Mean Squared Error: 0.057

R^2:-0.013

EV:-0.013

Test statistics for agent_no 1

Mean Poisson Deviance: 0.318

Prc Poisson Deviance Explained: -0.011

Mean Squared Error: 0.058

R^2: -0.021

EV:-0.021

Test statistics for agent_no 2

Mean Poisson Deviance: 0.319

Prc Poisson Deviance Explained: -0.010

Mean Squared Error: 0.058

R^2: -0.017

EV: -0.017

Test statistics for agent_no 3

Mean Poisson Deviance: 0.320

Prc Poisson Deviance Explained: -0.020

Mean Squared Error: 0.058

R^2: -0.017

EV:-0.017

Test statistics for agent_no 4

Mean Poisson Deviance: 0.318

Prc Poisson Deviance Explained: -0.017

Mean Squared Error: 0.057

R^2: -0.013

EV:-0.012

Test statistics for agent_no 5

Mean Poisson Deviance: 0.320

Prc Poisson Deviance Explained: -0.020

Mean Squared Error: 0.058

R^2: -0.028

EV:-0.027

Test statistics for agent_no 6

Mean Poisson Deviance: 0.314

Prc Poisson Deviance Explained: 0.005

Mean Squared Error: 0.057

R^2:-0.008

EV:-0.008

Test statistics for agent_no 7

Mean Poisson Deviance: 0.315

Prc Poisson Deviance Explained : -0.005

Mean Squared Error: 0.057

R^2: -0.010

EV:-0.010

Test statistics for agent_no 8

Mean Poisson Deviance: 0.322

Prc Poisson Deviance Explained: -0.022

Mean Squared Error: 0.058

R^2: -0.029

EV:-0.028

Test statistics for agent_no 9

Mean Poisson Deviance: 0.318

Prc Poisson Deviance Explained: -0.011

Mean Squared Error: 0.059

R^2: -0.037

EV:-0.035

