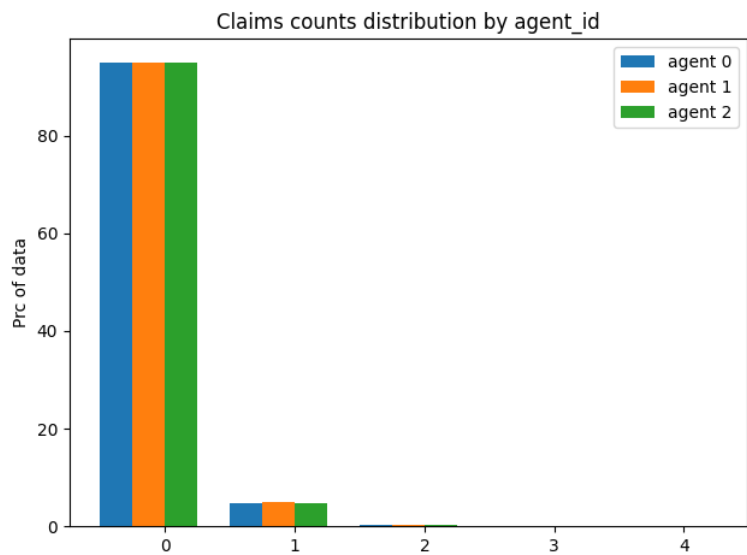
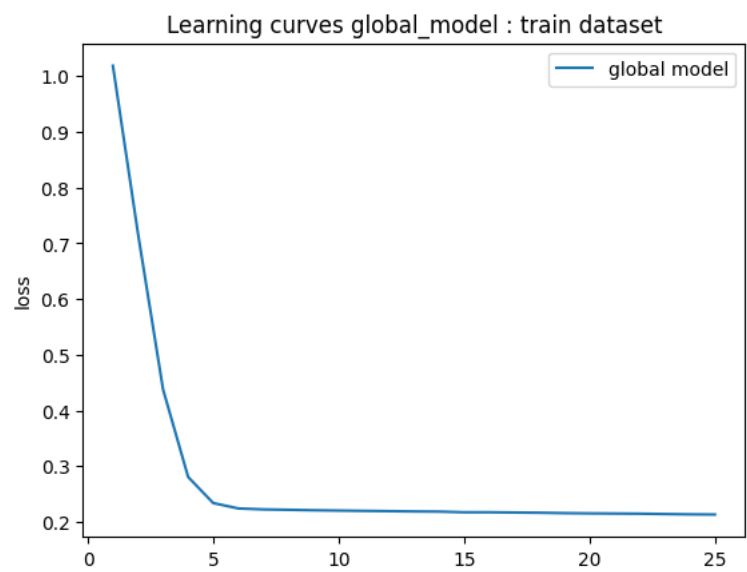


Run Results: num_agents: 3 num_rounds: 5 epochs: 5 epochs local and global 25

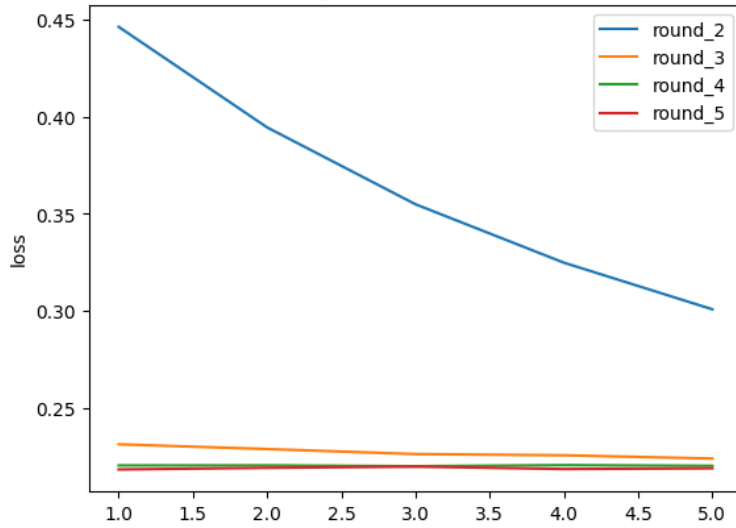
Input Data: Distribution of numbers of observed claims by FL participating parties.



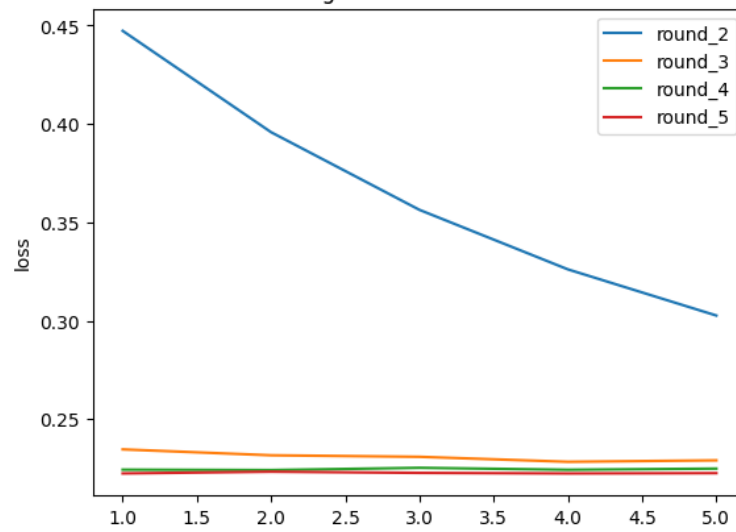
Model Training: Learning curves; Train dataset



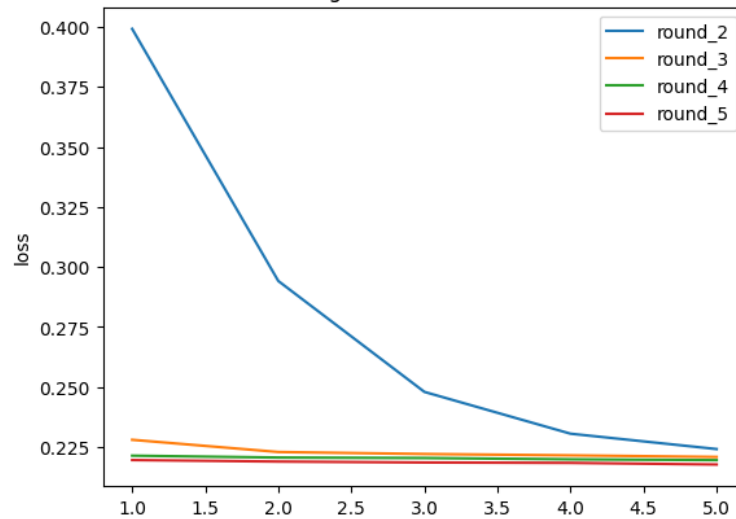
Learning curves 0 : train dataset



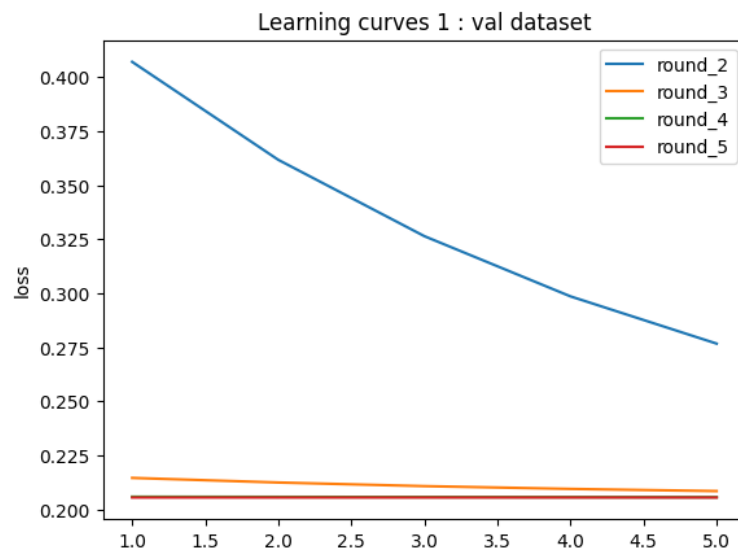
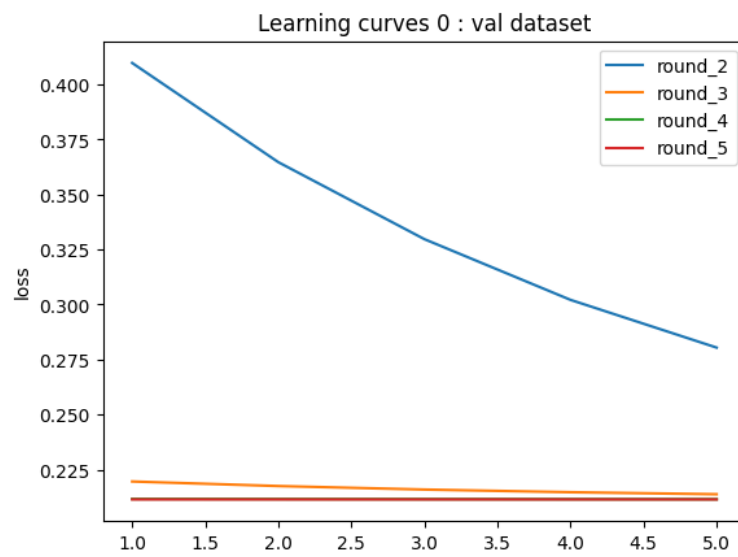
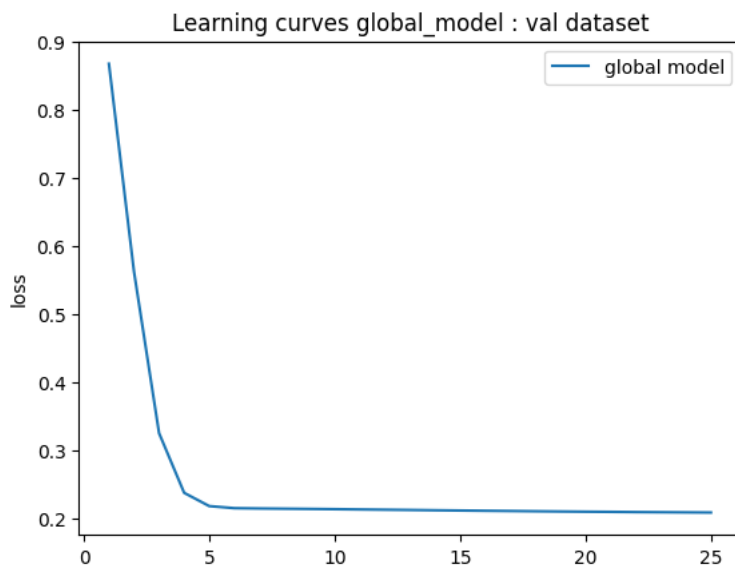
Learning curves 1 : train dataset

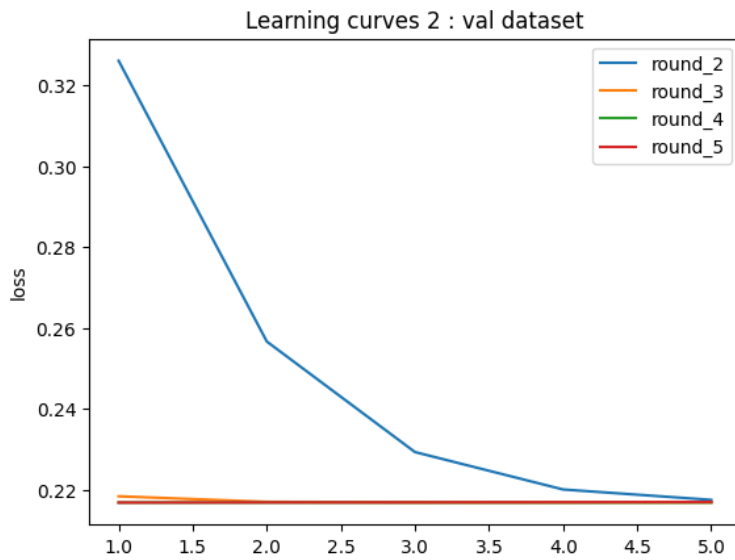


Learning curves 2 : train dataset



Model Training: Learning curves; Validation dataset





Test statistics for FL model

Mean Poisson Deviance : 0.3213314795799978

Mean Squared Error : 0.05672753504357719

R^2 : -0.002318984577261096

Test statistics for global model

Mean Poisson Deviance : 0.3139831081206485

Mean Squared Error : 0.056332642978654895

R^2 : 0.004658364486583855

Test statistics for agent_no 0

Mean Poisson Deviance : 0.3587901585030247

Mean Squared Error : 0.06056085547733401

R^2 : -0.07004993466650578

Test statistics for agent_no 1

Mean Poisson Deviance : 0.35950958980215564

Mean Squared Error : 0.06064804246034754

R^2 : -0.07159044172741247

Test statistics for agent_no 2

Mean Poisson Deviance : 0.3186299296490286

Mean Squared Error : 0.056587556837765424

R^2 : 0.00015429075551021132

