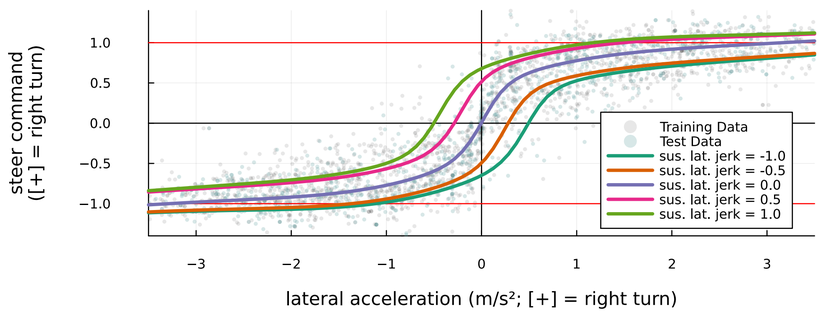
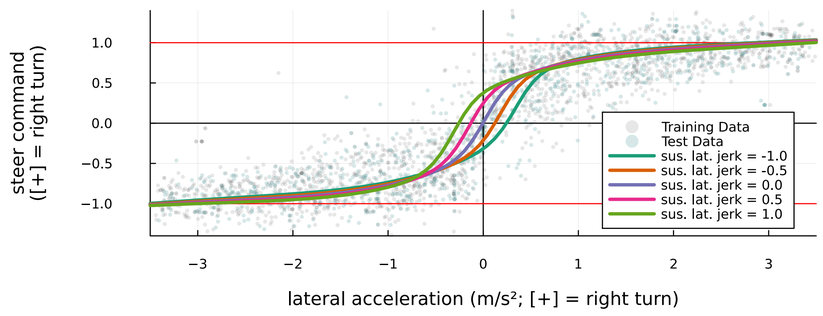
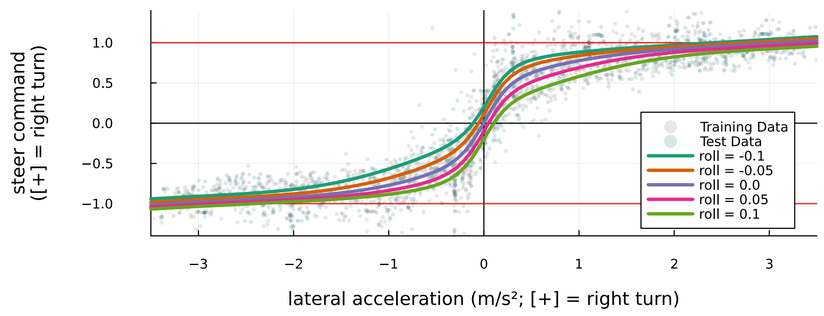
NN model for CHEVROLET VOLT PREMIER 2017_e2e
Sustained lateral jerk response
(lat. jerk determines past/future Δlat. accel)
0-13 mph w/ |roll| < 0.03



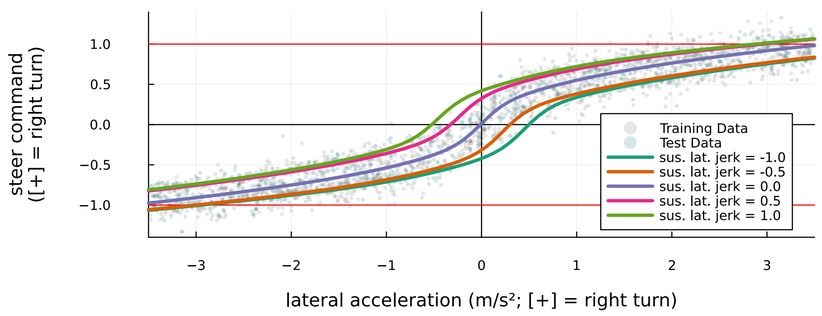
Model input: , v_ego, lateral_accel, lateral_jerk, roll, lateral_accel_m03, lateral_accel_p03, lateral_accel_p08, roll_m03, roll_p03, roll_p08
Sustained abs lateral jerk response
(e.g. stop and turn back the other way)
0-13 mph @ |roll| < 0.03



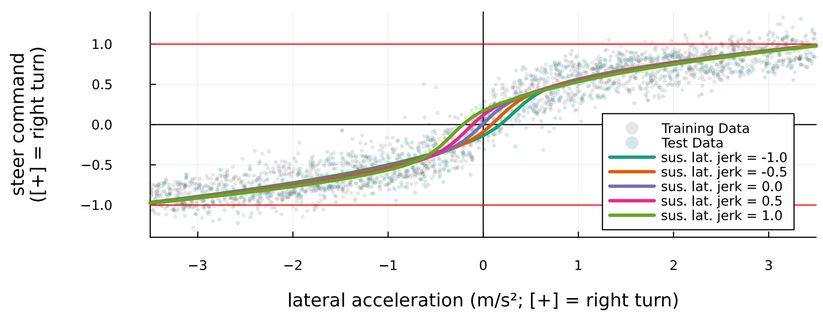
Model test loss: 0.017
Roll compensation [+] = leaning to the right
0-13 mph w/ |lat jerk| < 0.2



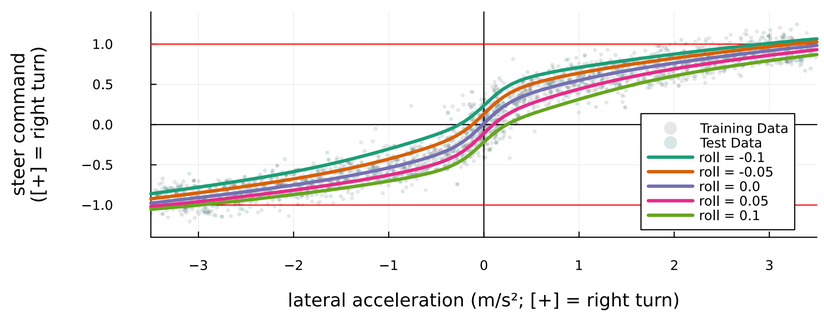
13-27 mph w/ |roll| < 0.03



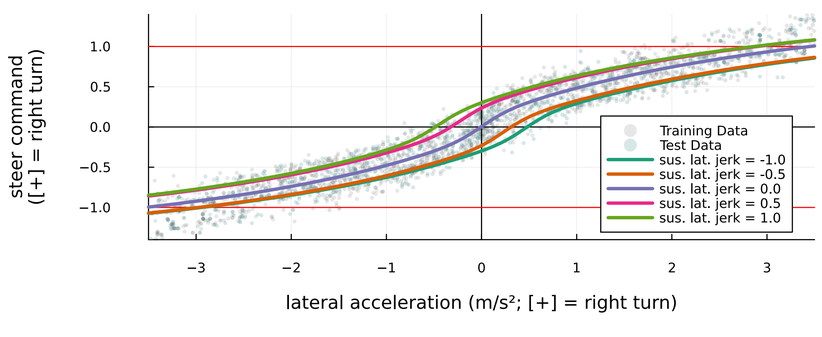
13-27 mph w/ |roll| < 0.03



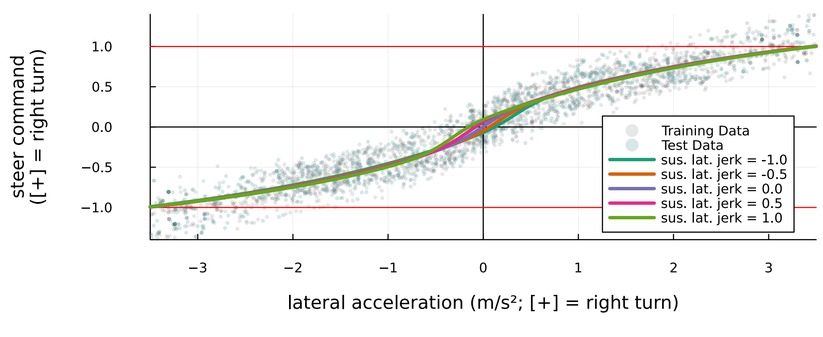
13-27 mph w/ |lat jerk| < 0.2



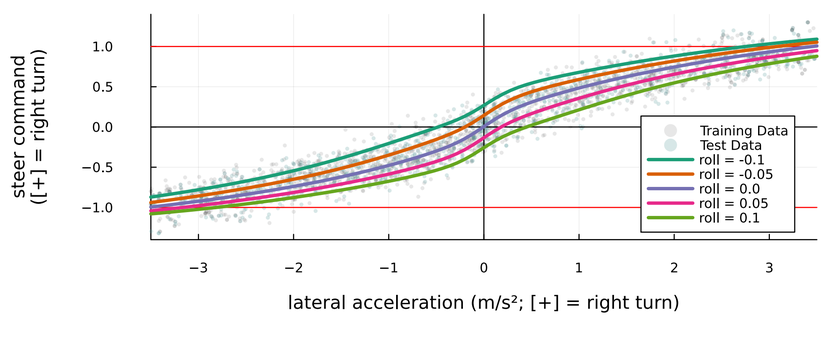
27-40 mph w/ |roll| < 0.03



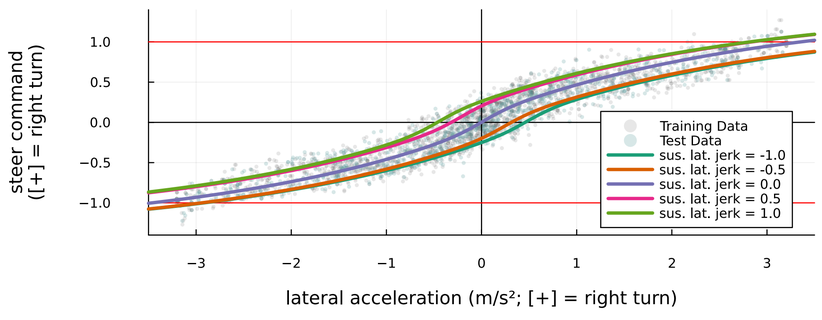
27-40 mph w/ |roll| < 0.03



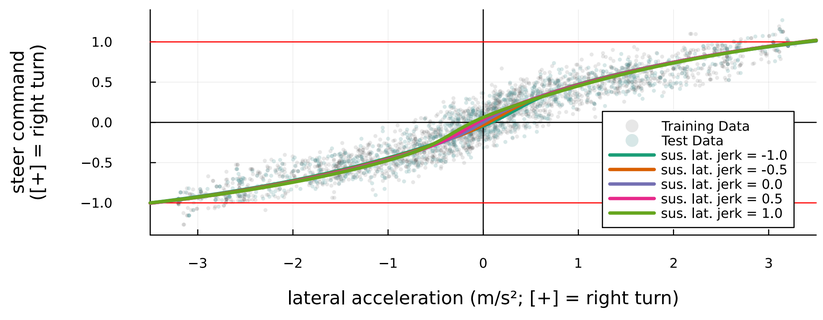
27-40 mph w/ |lat jerk| < 0.2



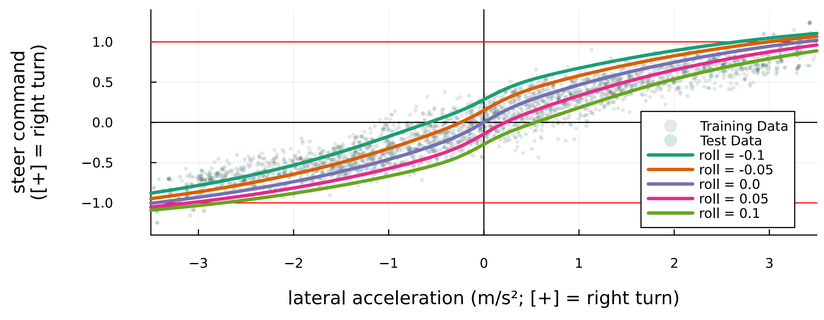
40-54 mph w/ |roll| < 0.03



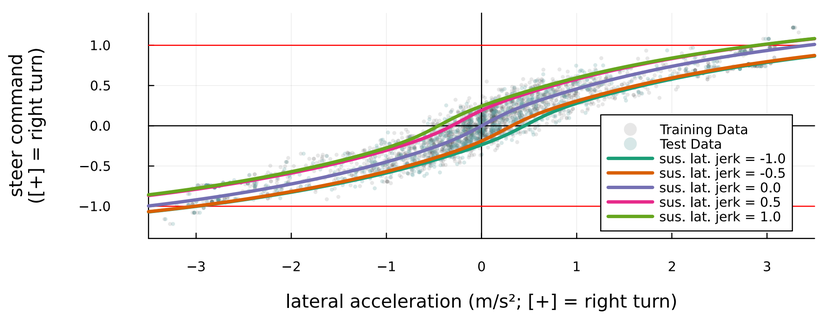
40-54 mph w/ |roll| < 0.03



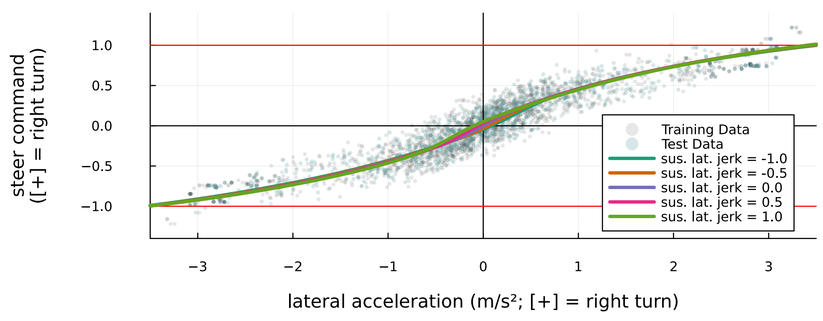
40-54 mph w/ |lat jerk| < 0.2



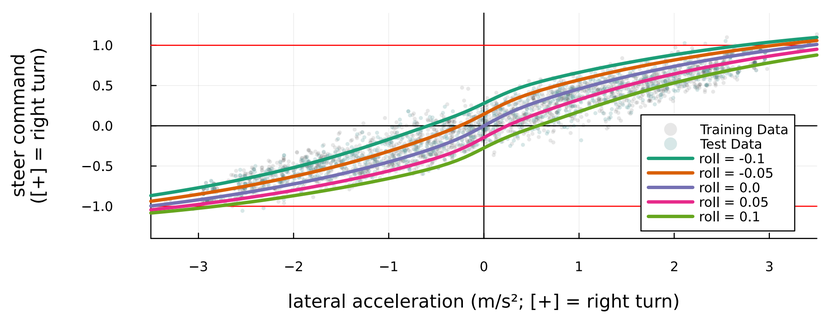
54-67 mph w/ |roll| < 0.03



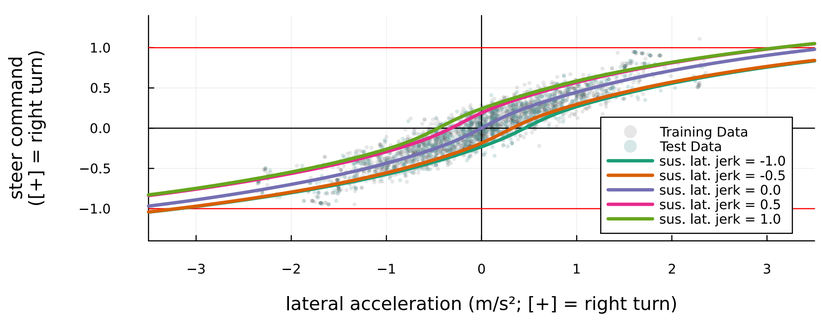
54-67 mph w/ |roll| < 0.03



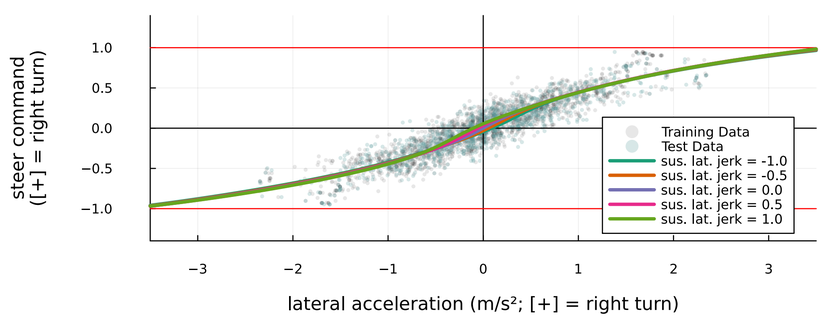
54-67 mph w/ |lat jerk| < 0.2



67-81 mph w/ |roll| < 0.03



67-81 mph w/ |roll| < 0.03



67-81 mph w/ |lat jerk| < 0.2