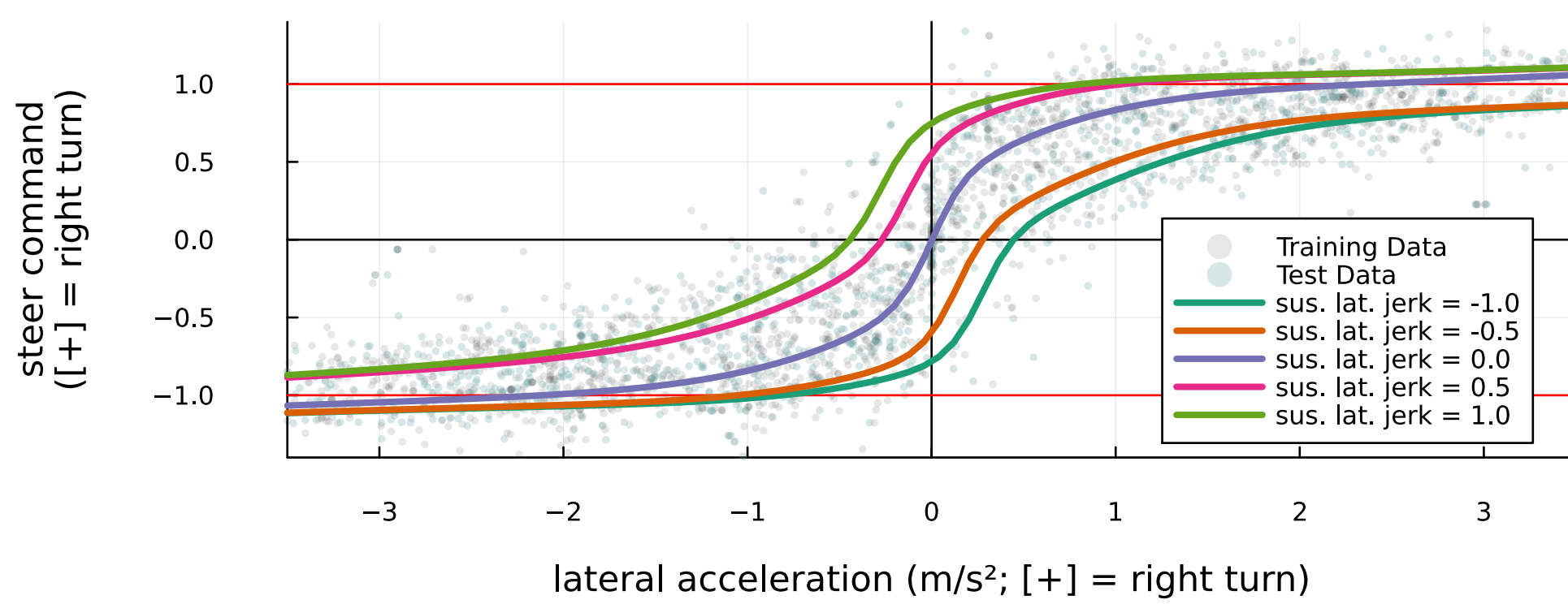
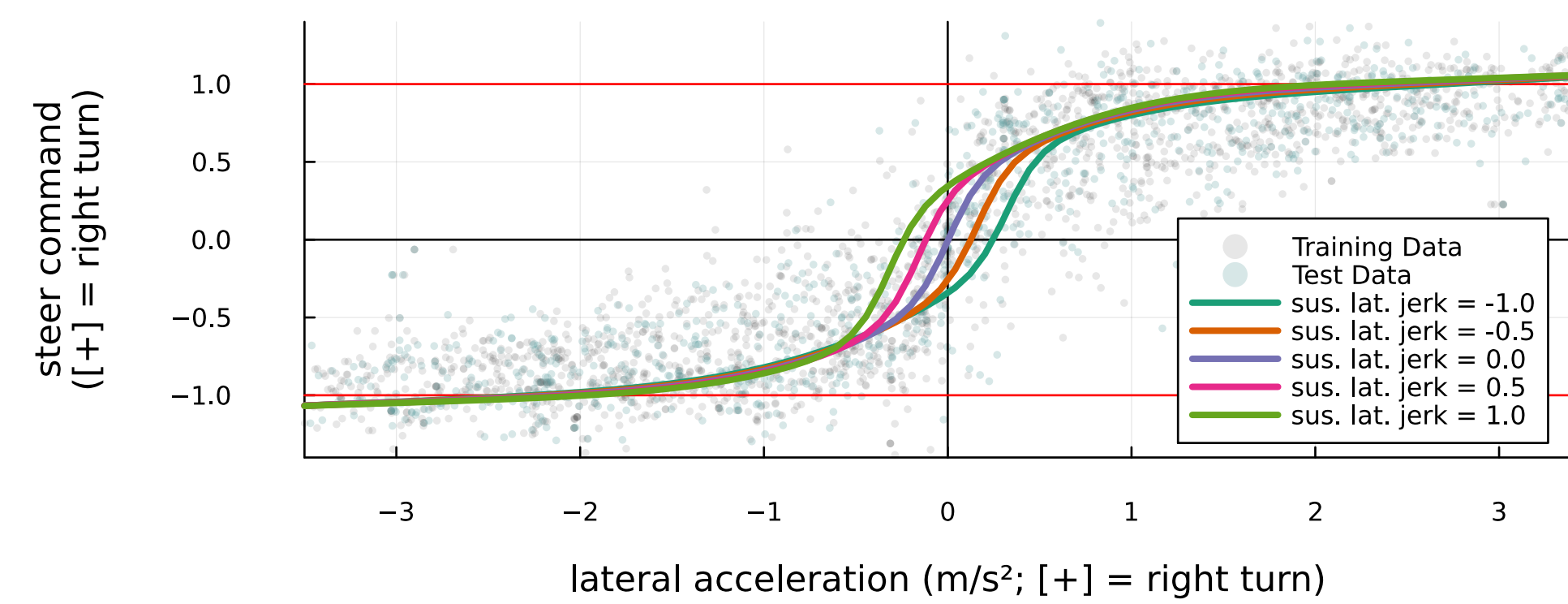


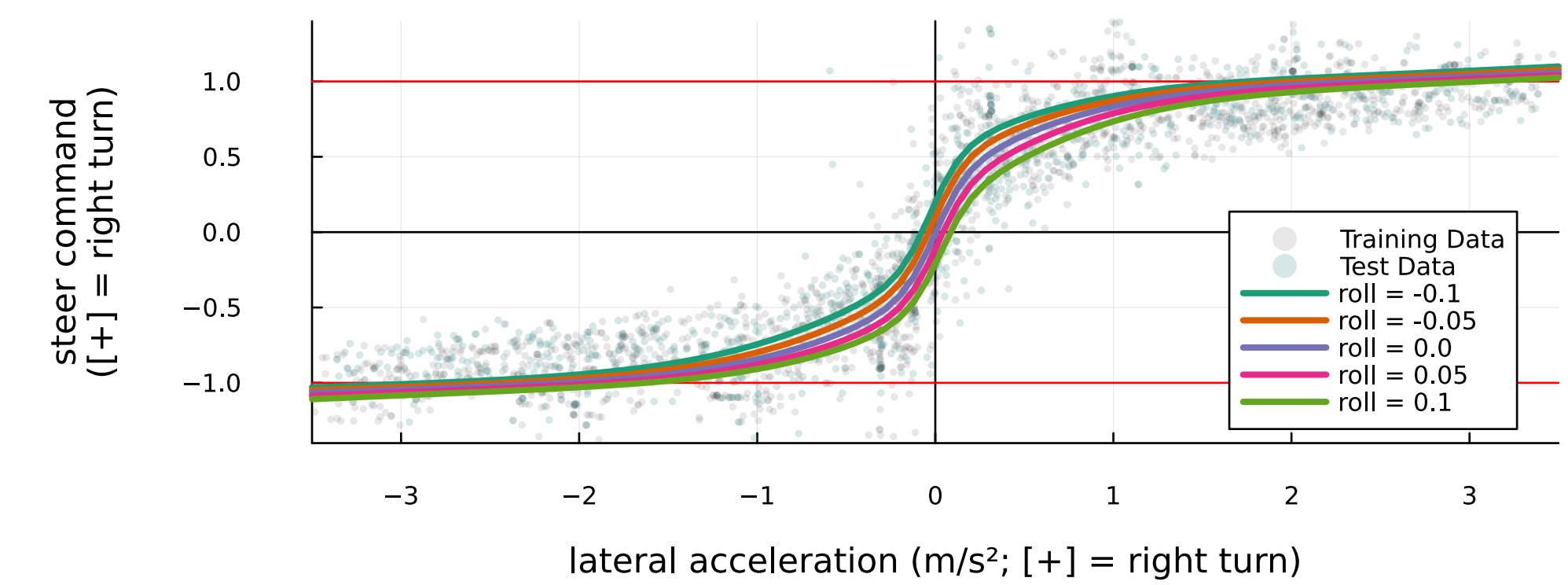
NN model for CHEVROLET VOLT PREMIER 2017_e2e_111
Sustained lateral jerk response
(lat. jerk determines past/future Δ lat. accel)
0-13 mph w/ $|\text{roll}| < 0.03$



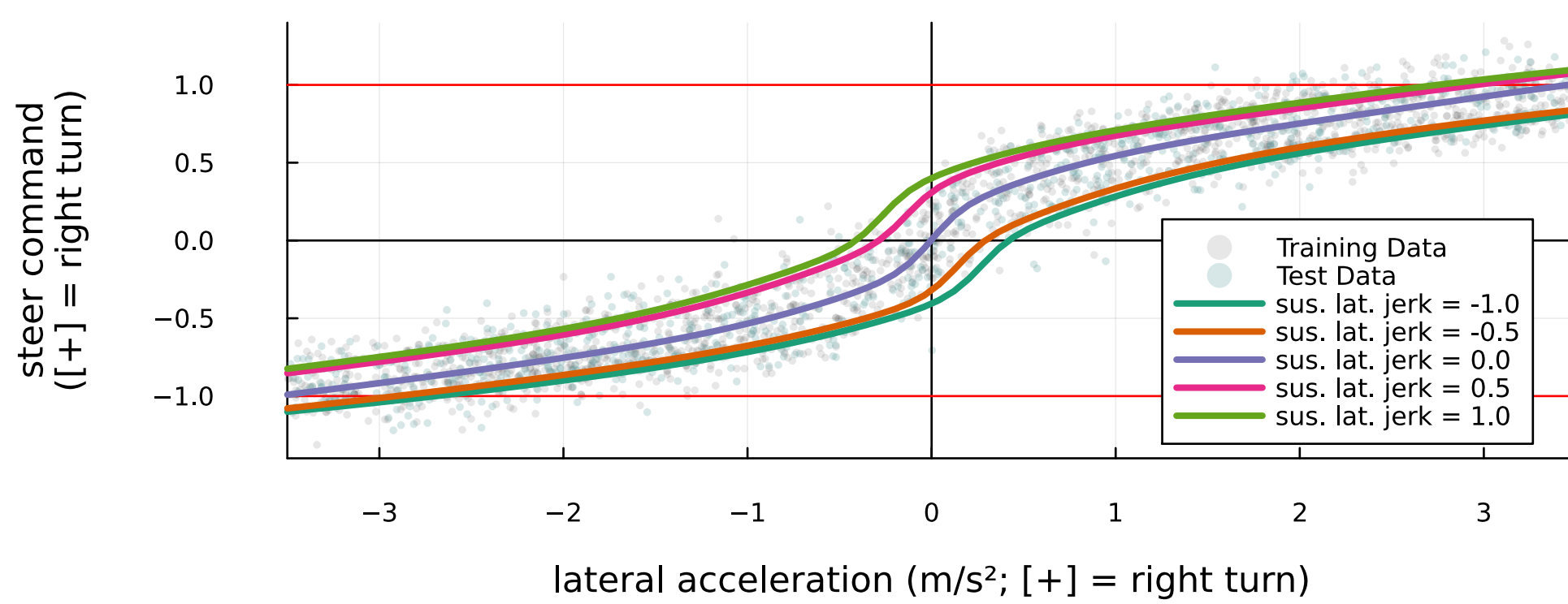
Model input: , v_ego, lateral_accel, lateral_jerk, roll, lateral_accel_m03, lateral_accel_p03, lateral_accel_p08, roll_m03, roll_p03, roll_p08
Sustained abs lateral jerk response
(e.g. stop and turn back the other way)
0-13 mph @ $|\text{roll}| < 0.03$



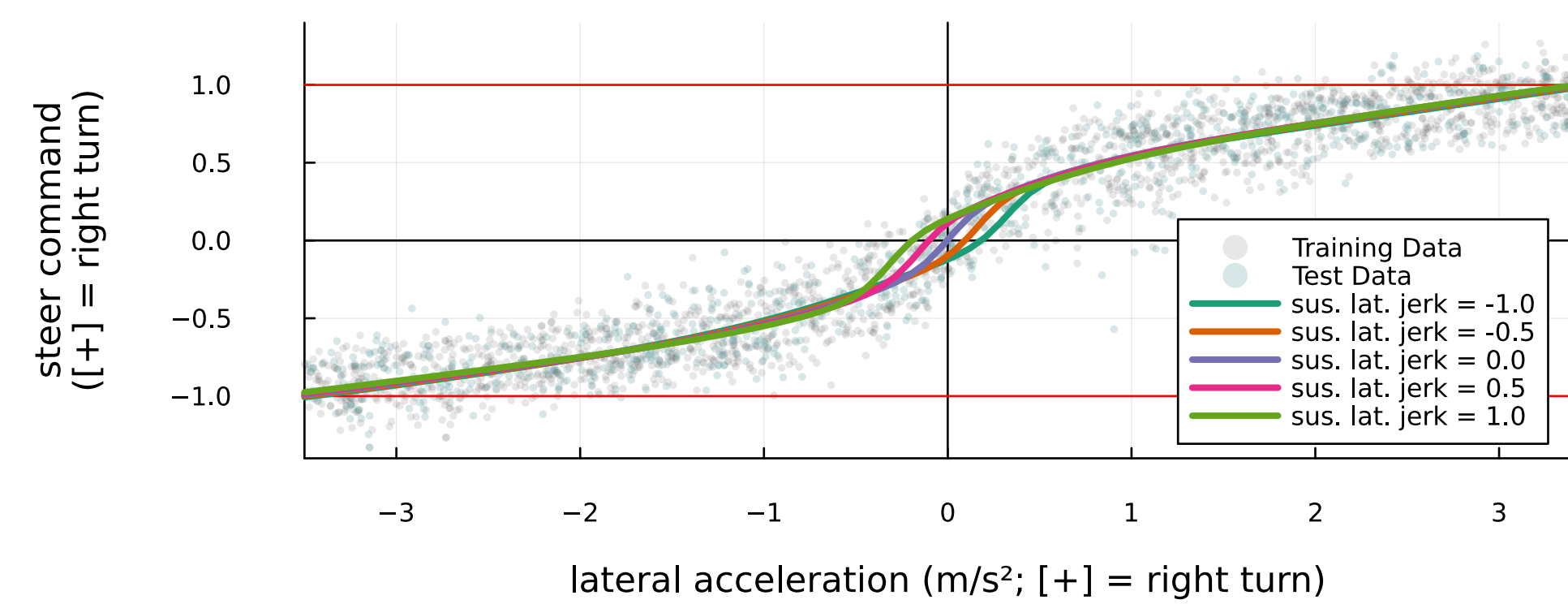
Model test loss: 0.016
Roll compensation [+] = leaning to the right
0-13 mph w/ $|\text{lat jerk}| < 0.2$



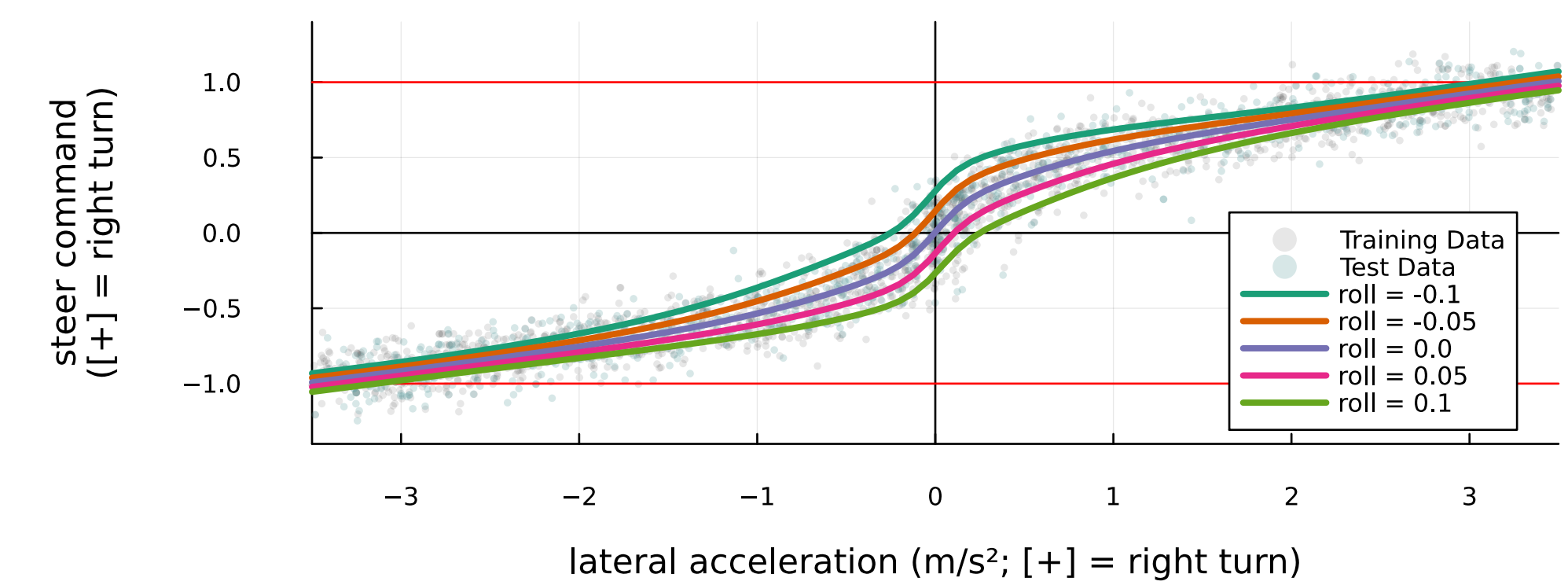
13-27 mph w/ $|\text{roll}| < 0.03$



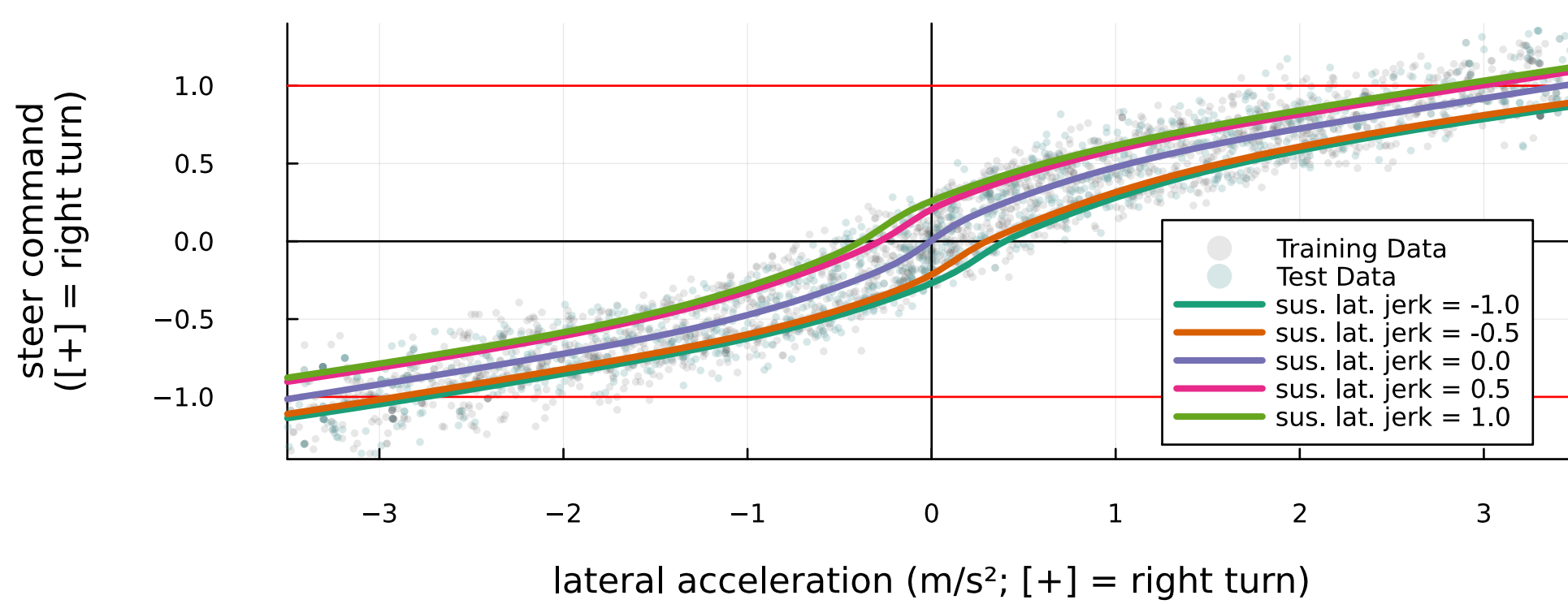
13-27 mph w/ $|\text{roll}| < 0.03$



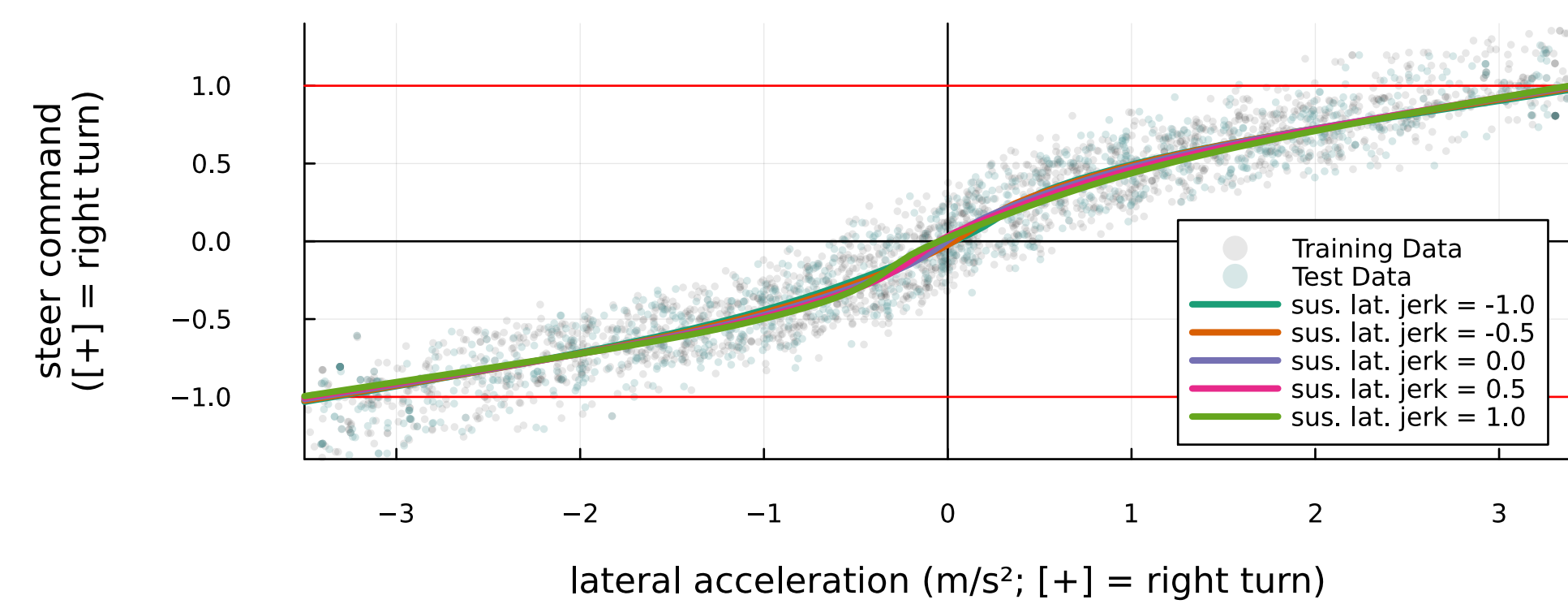
13-27 mph w/ $|\text{lat jerk}| < 0.2$



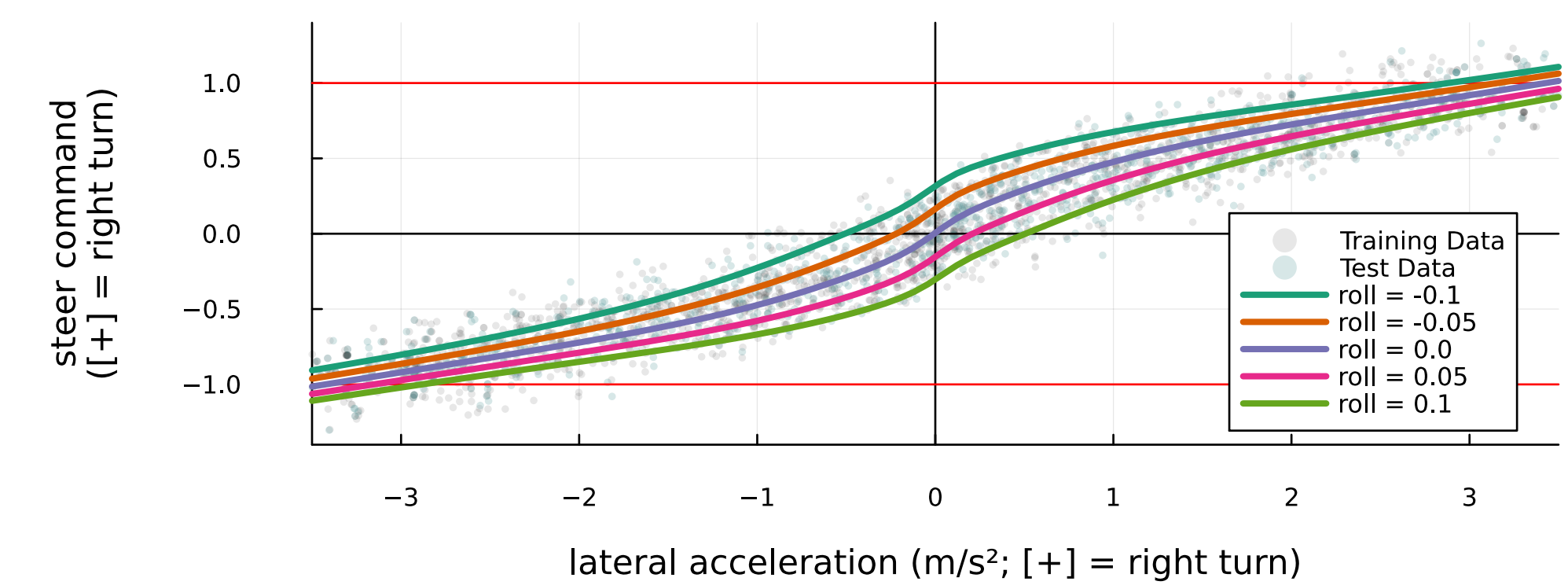
27-40 mph w/ $|\text{roll}| < 0.03$



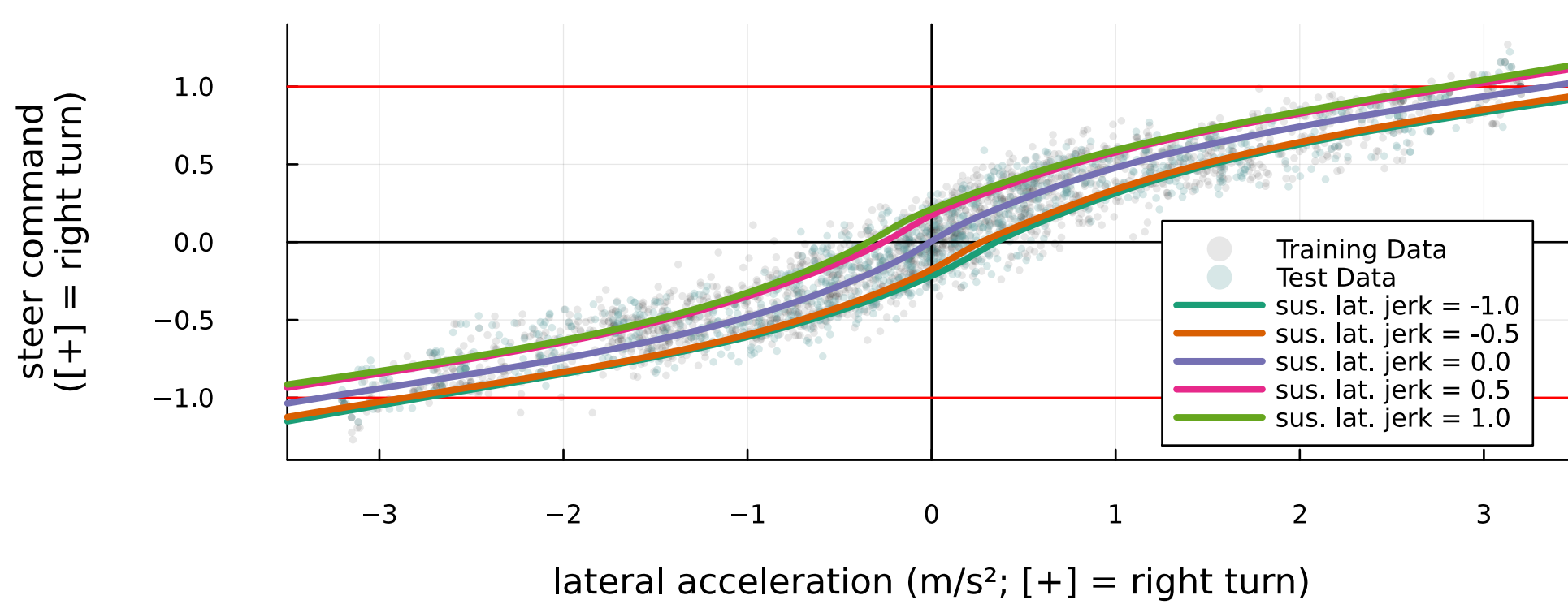
27-40 mph w/ $|\text{roll}| < 0.03$



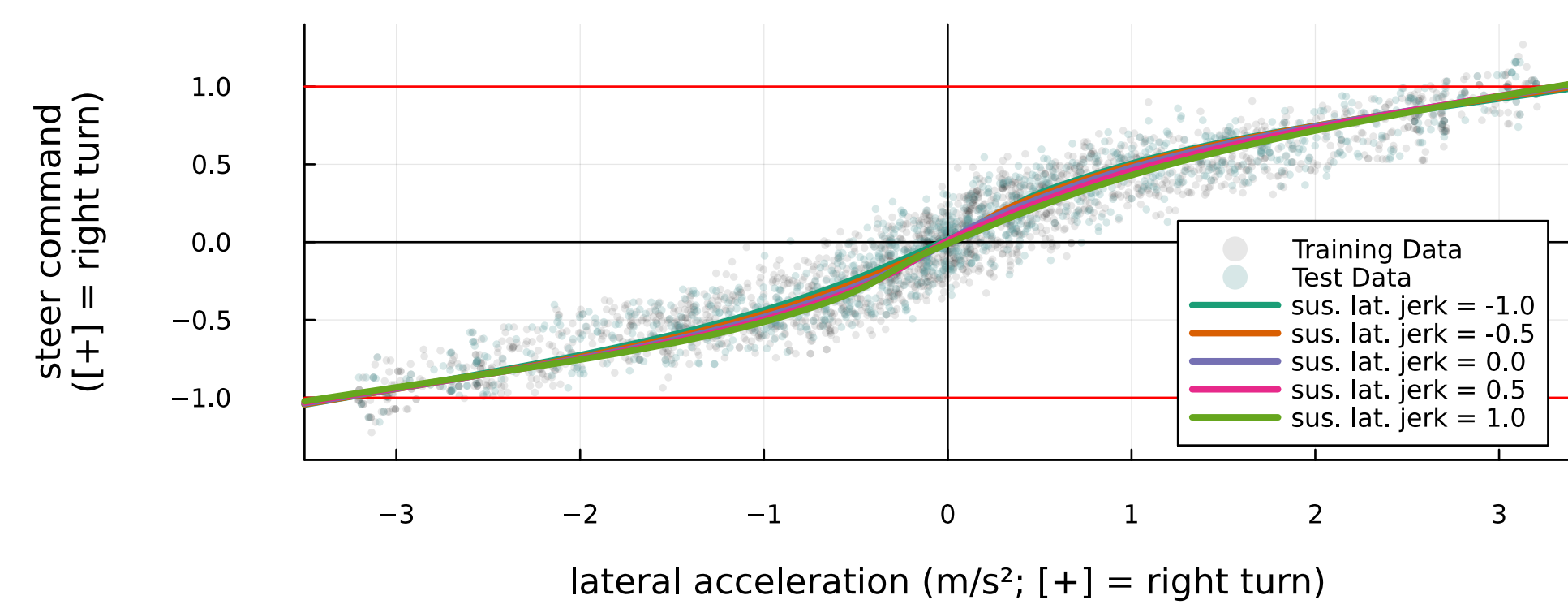
27-40 mph w/ $|\text{lat jerk}| < 0.2$



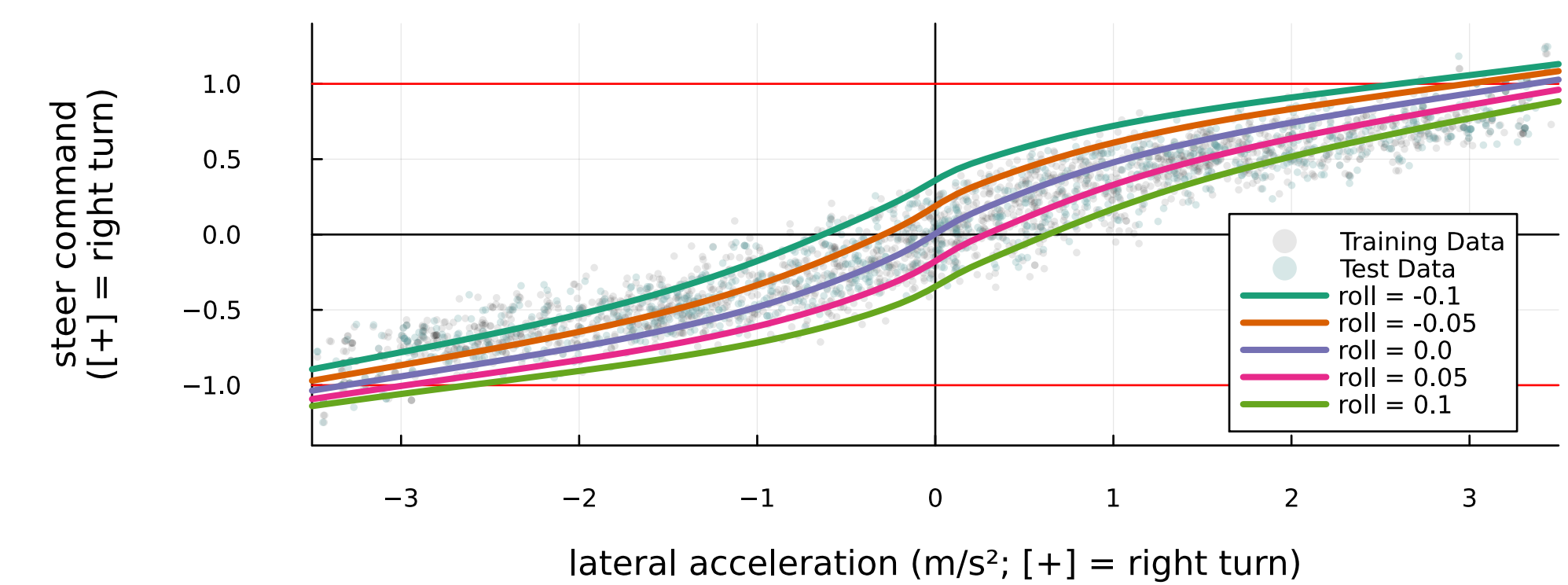
40-54 mph w/ $|\text{roll}| < 0.03$



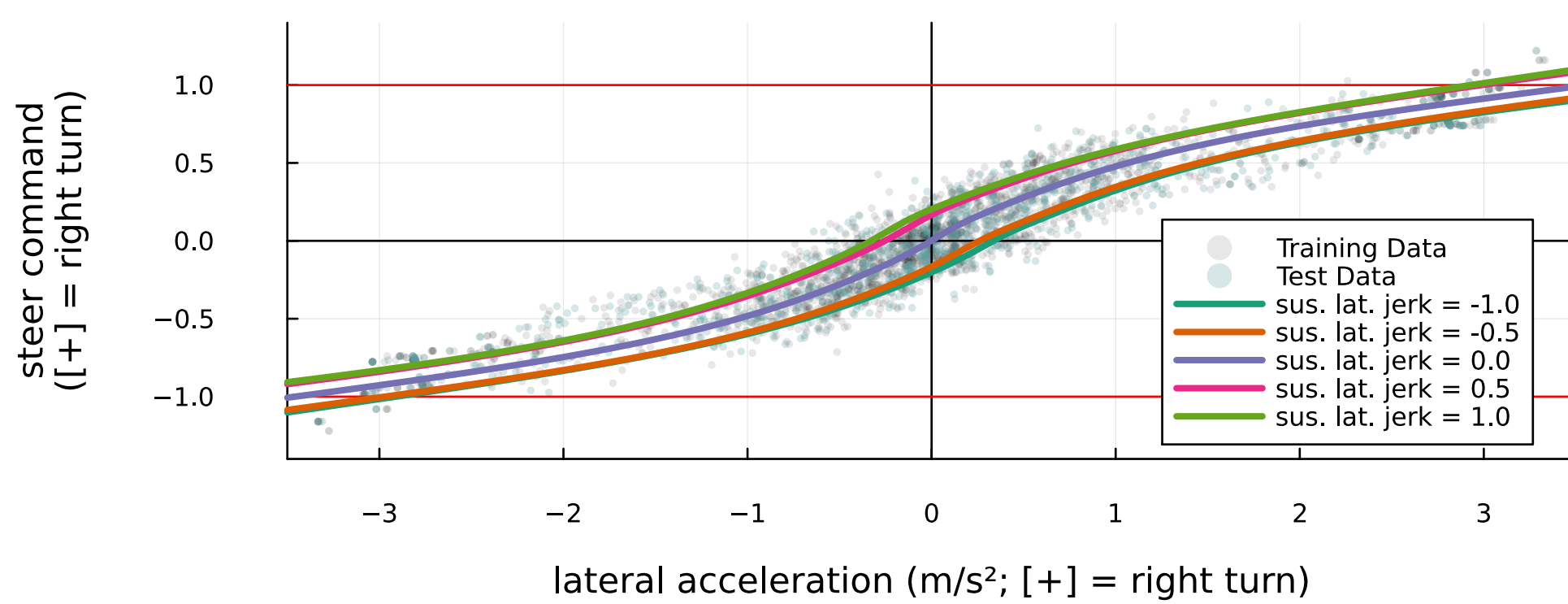
40-54 mph w/ $|\text{roll}| < 0.03$



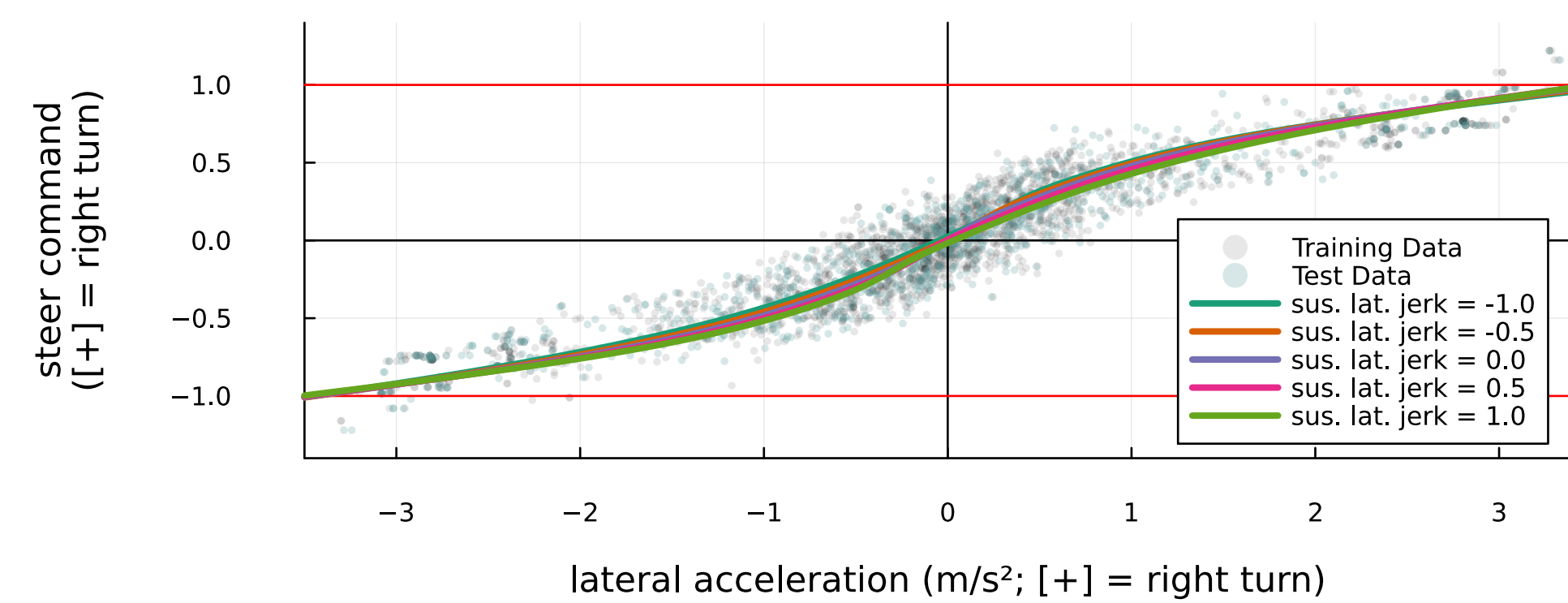
40-54 mph w/ $|\text{lat jerk}| < 0.2$



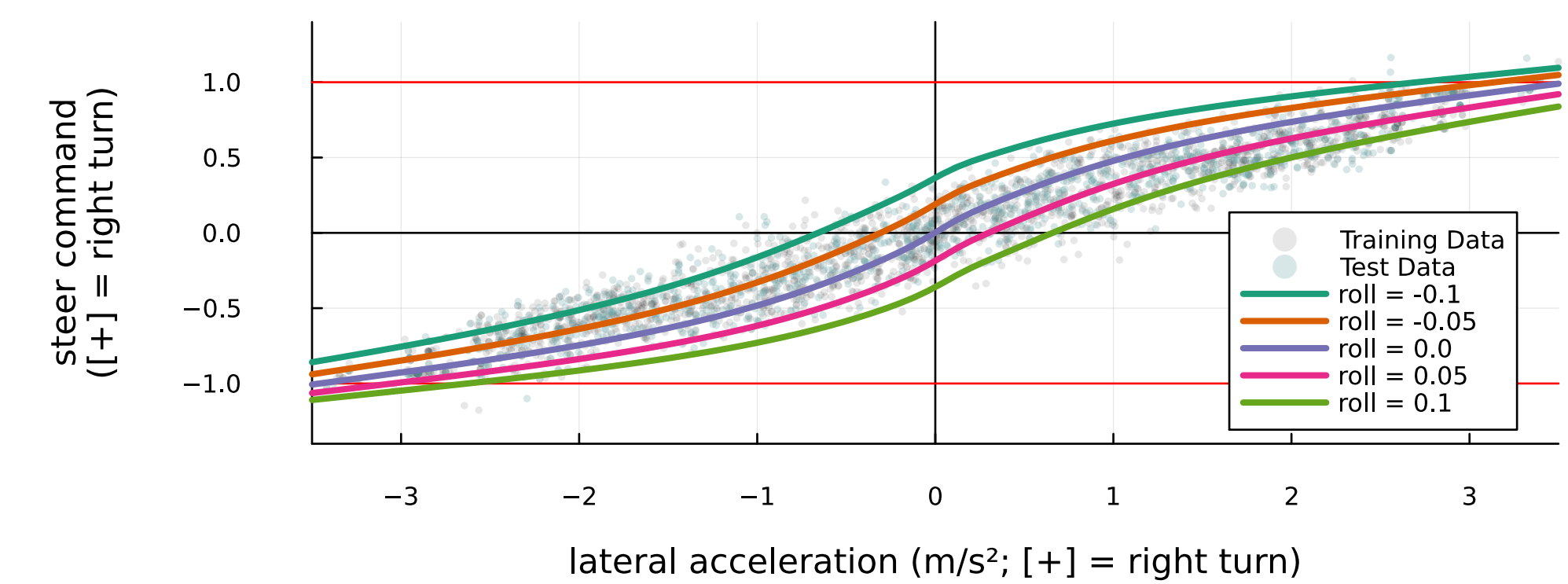
54-67 mph w/ $|\text{roll}| < 0.03$



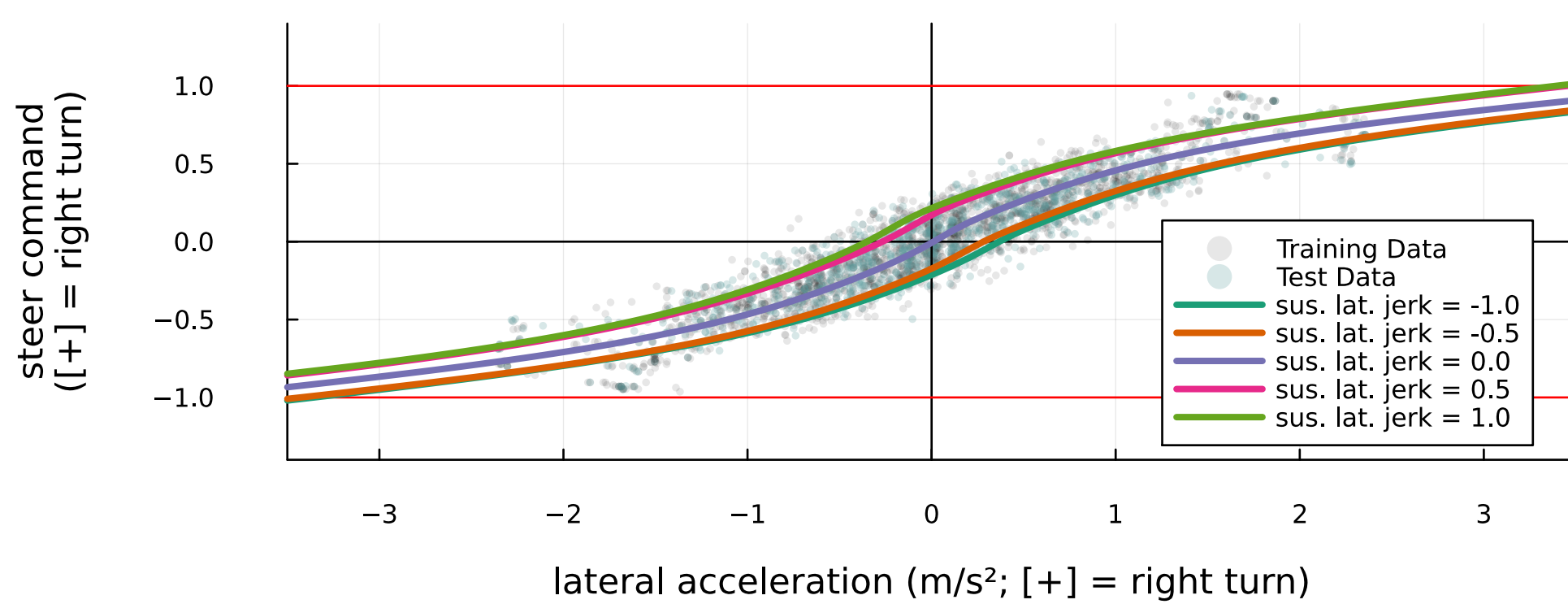
54-67 mph w/ $|\text{roll}| < 0.03$



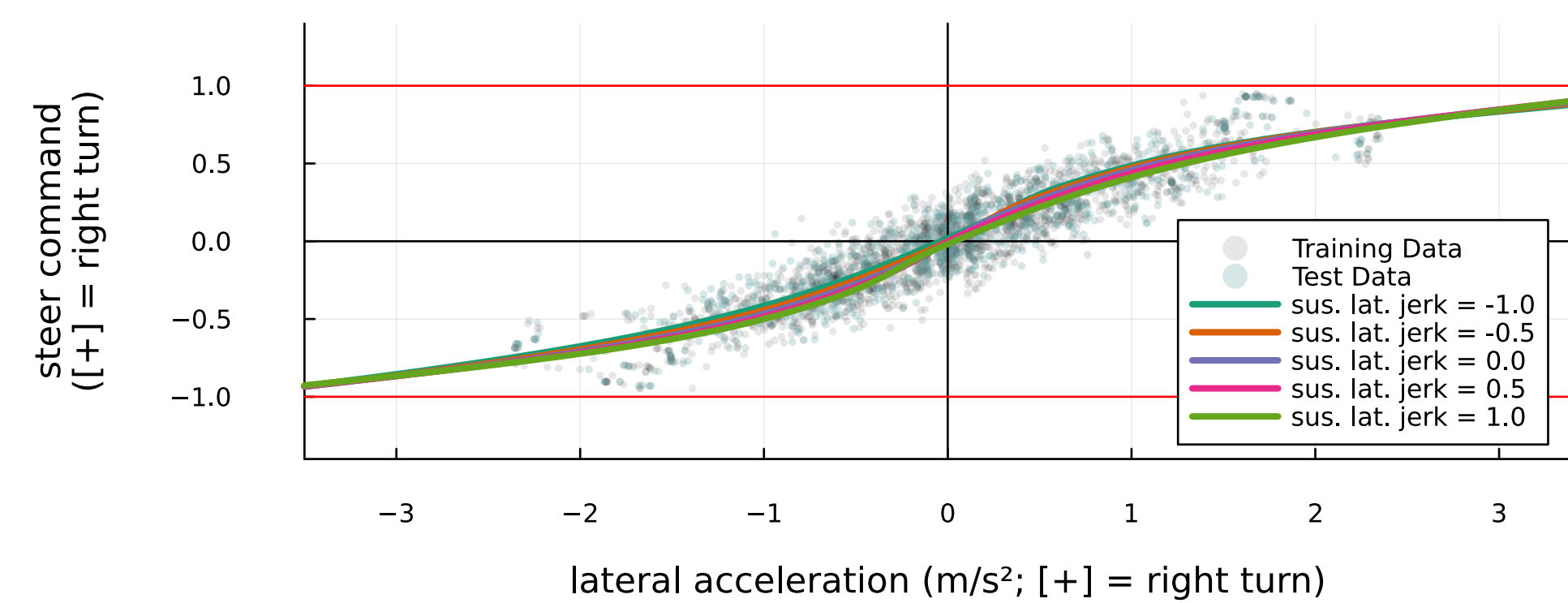
54-67 mph w/ $|\text{lat jerk}| < 0.2$



67-81 mph w/ $|\text{roll}| < 0.03$



67-81 mph w/ $|\text{roll}| < 0.03$



67-81 mph w/ $|\text{lat jerk}| < 0.2$

