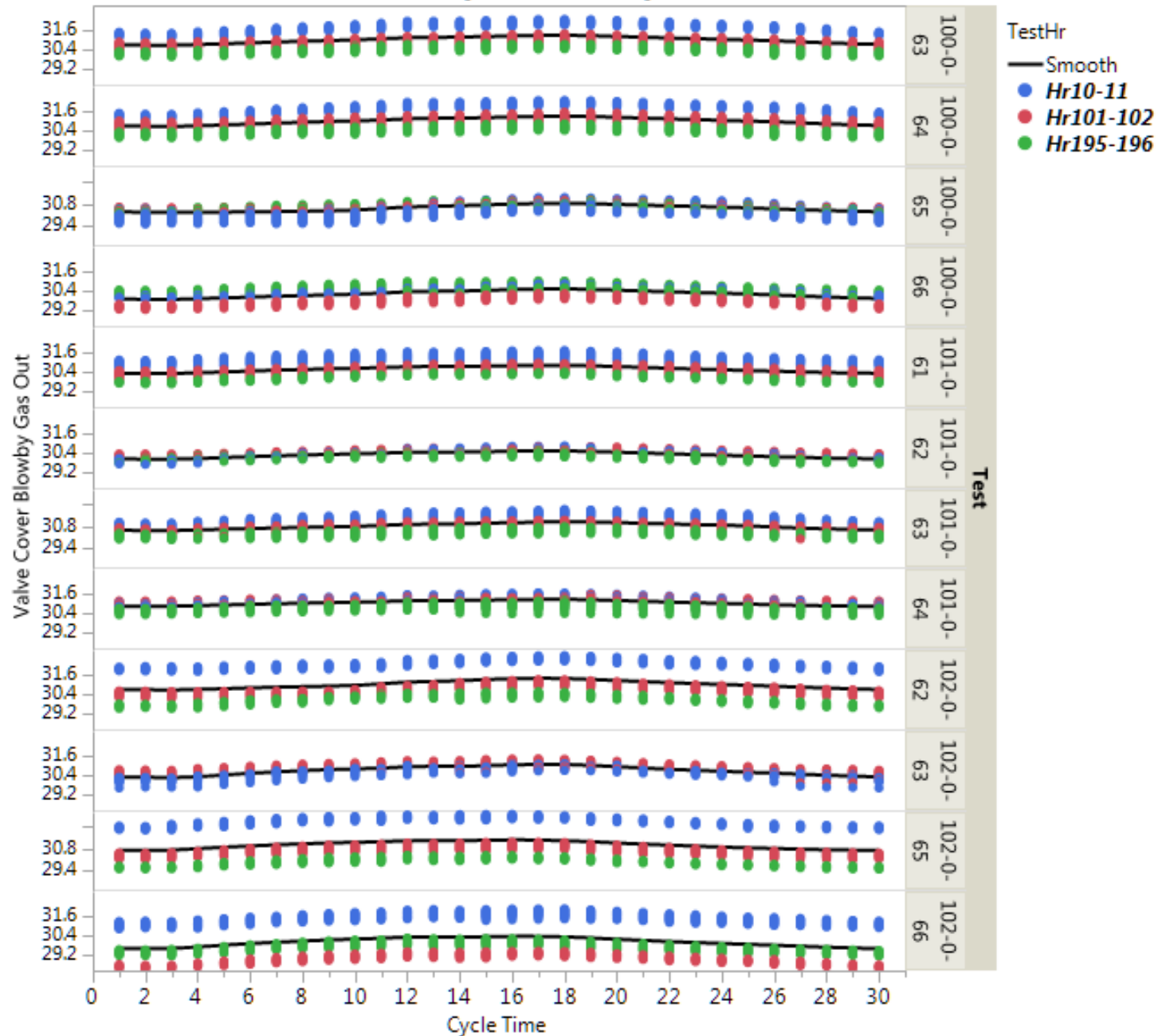


IAR Lab Operational Plots

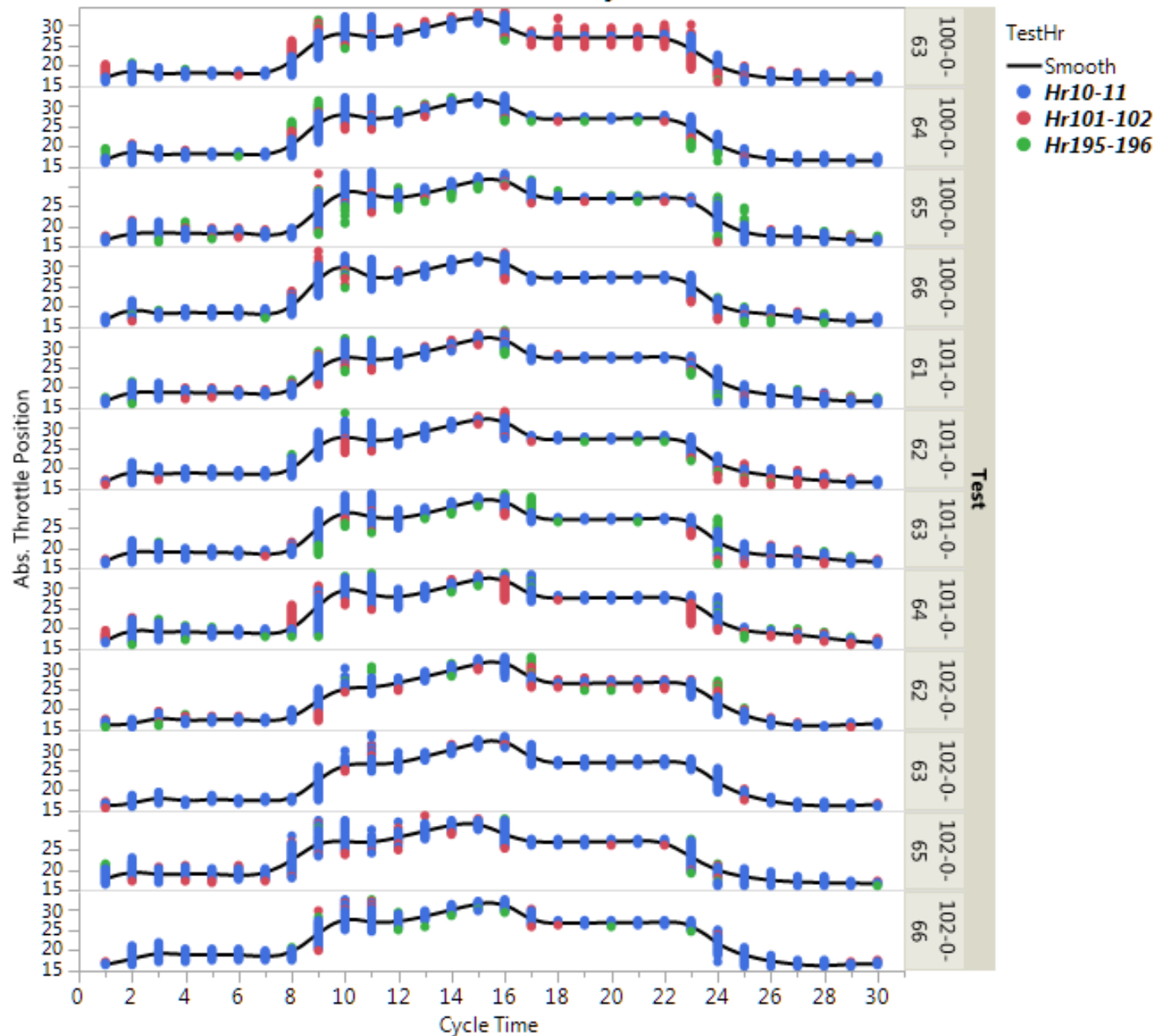
By: Stats Group

02-28-18

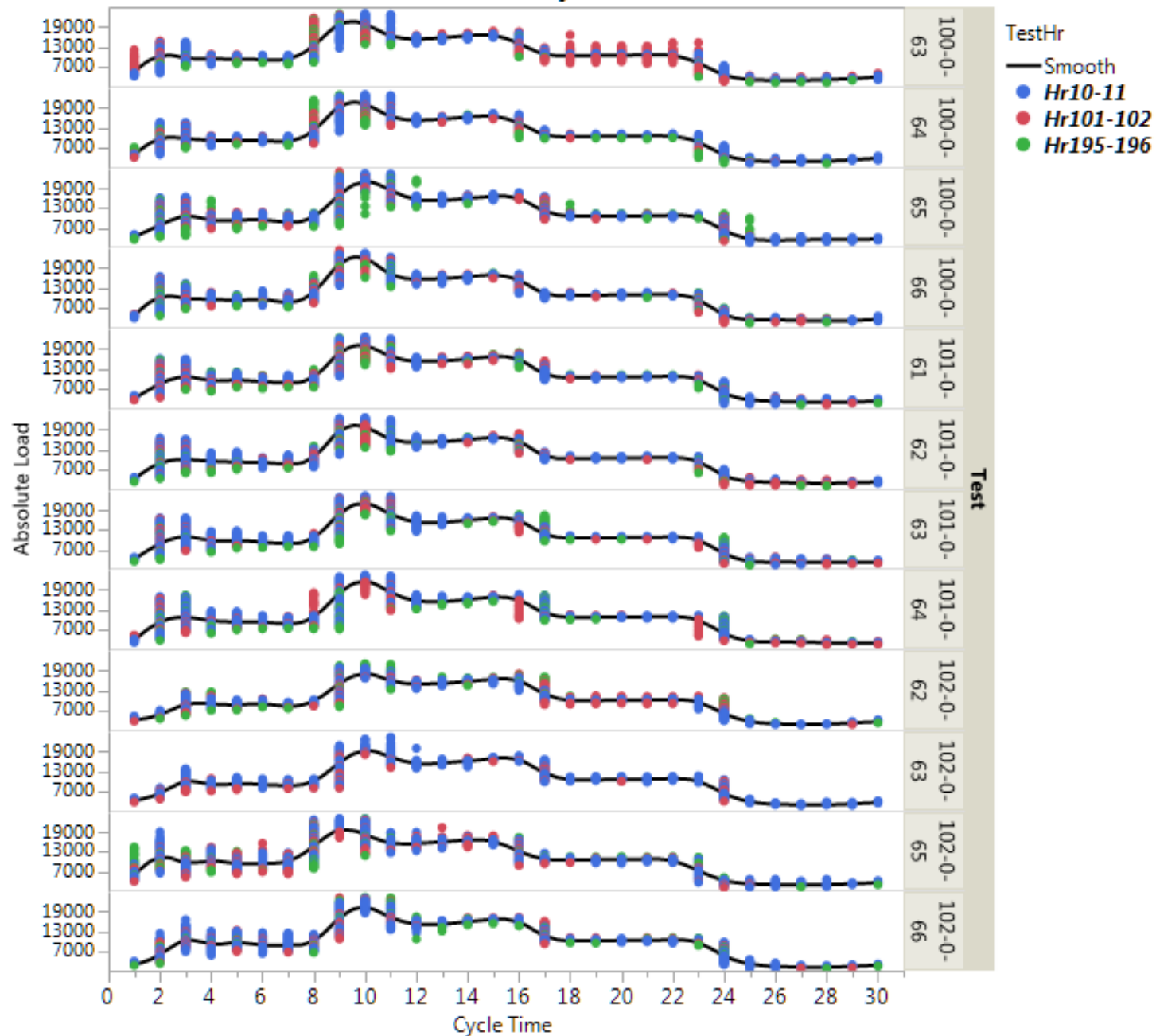
Valve Cover Blowby Gas Out vs. Cycle Time



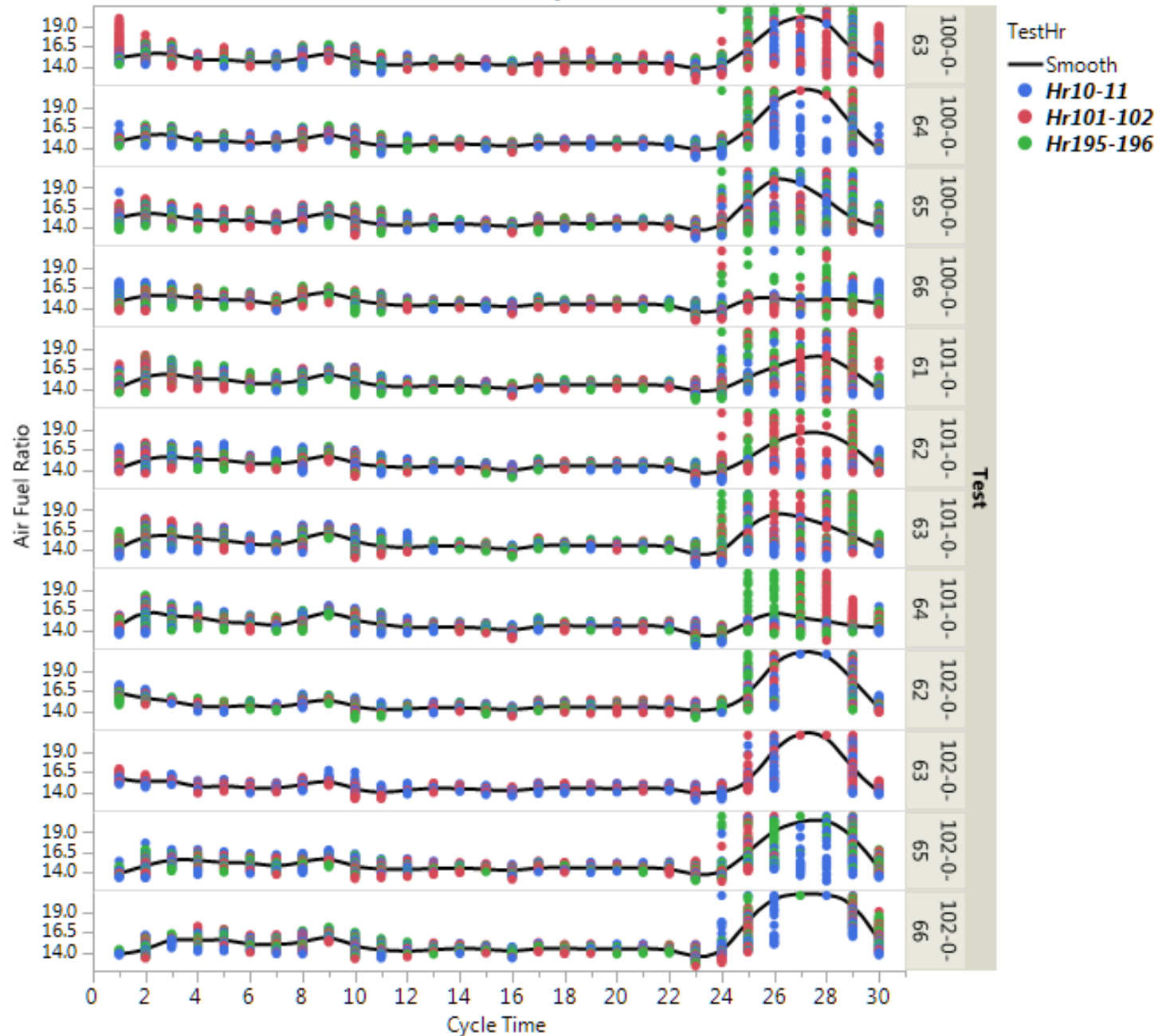
Abs. Throttle Position vs. Cycle Time



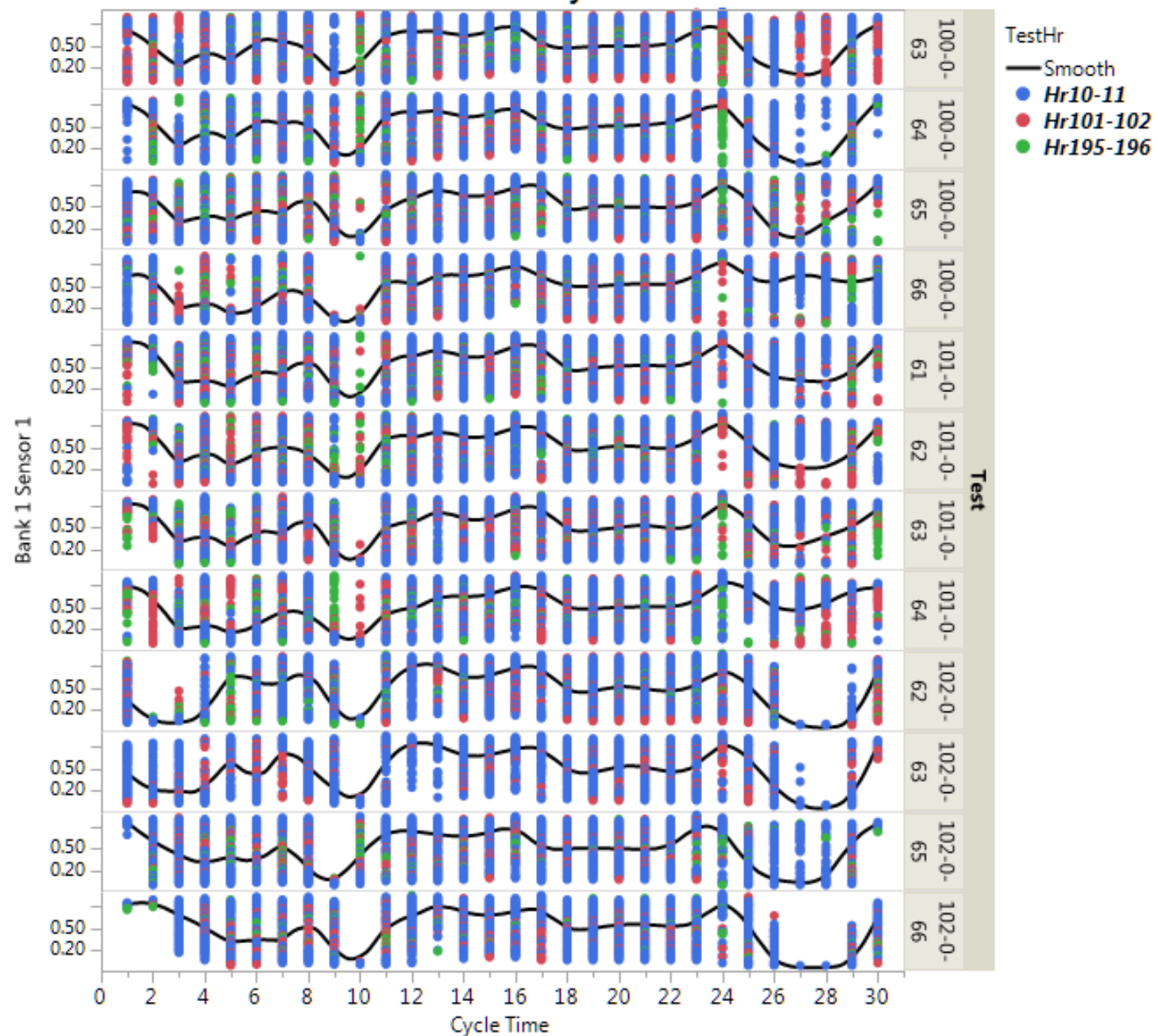
Absolute Load vs. Cycle Time



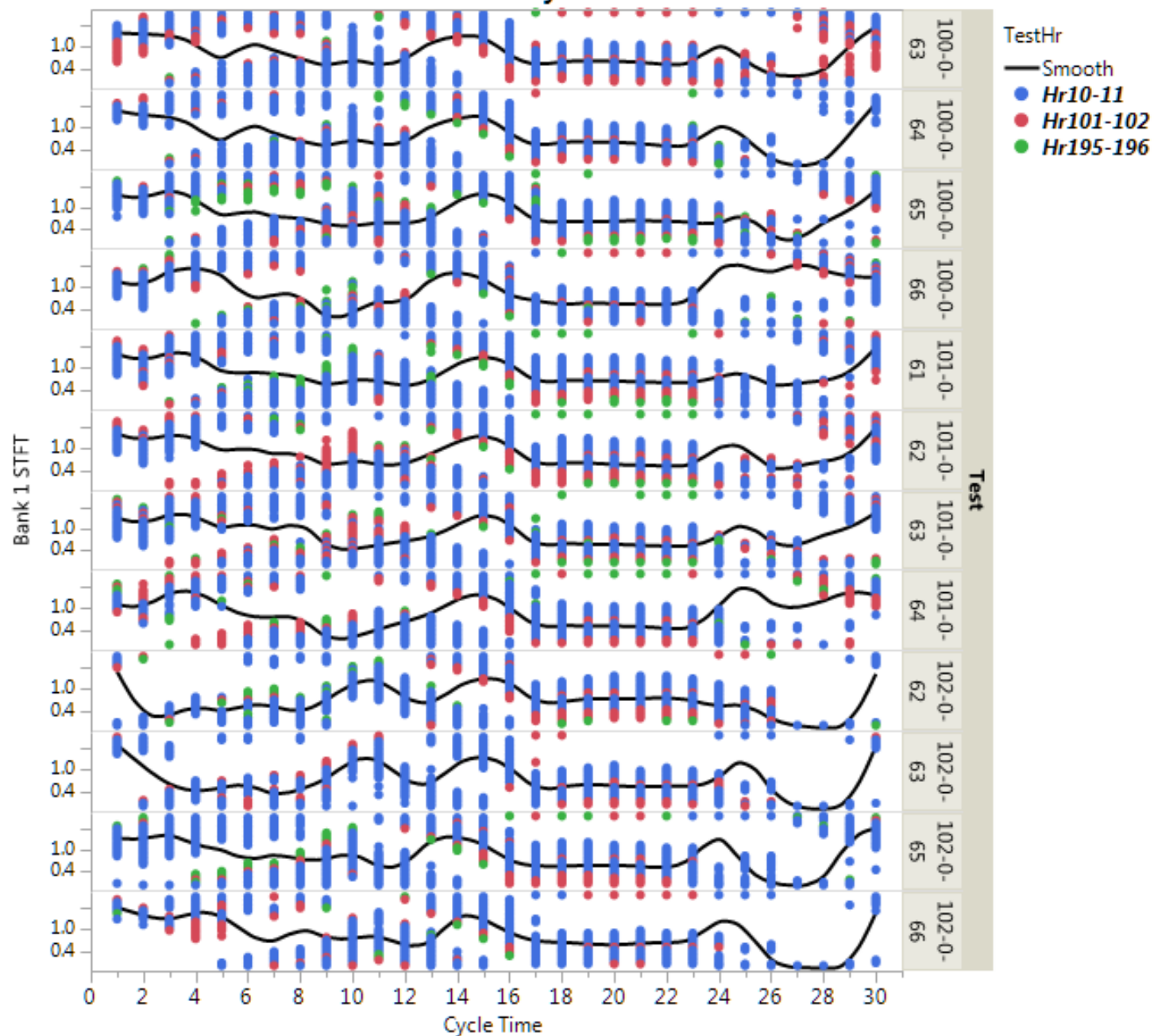
Air Fuel Ratio vs. Cycle Time



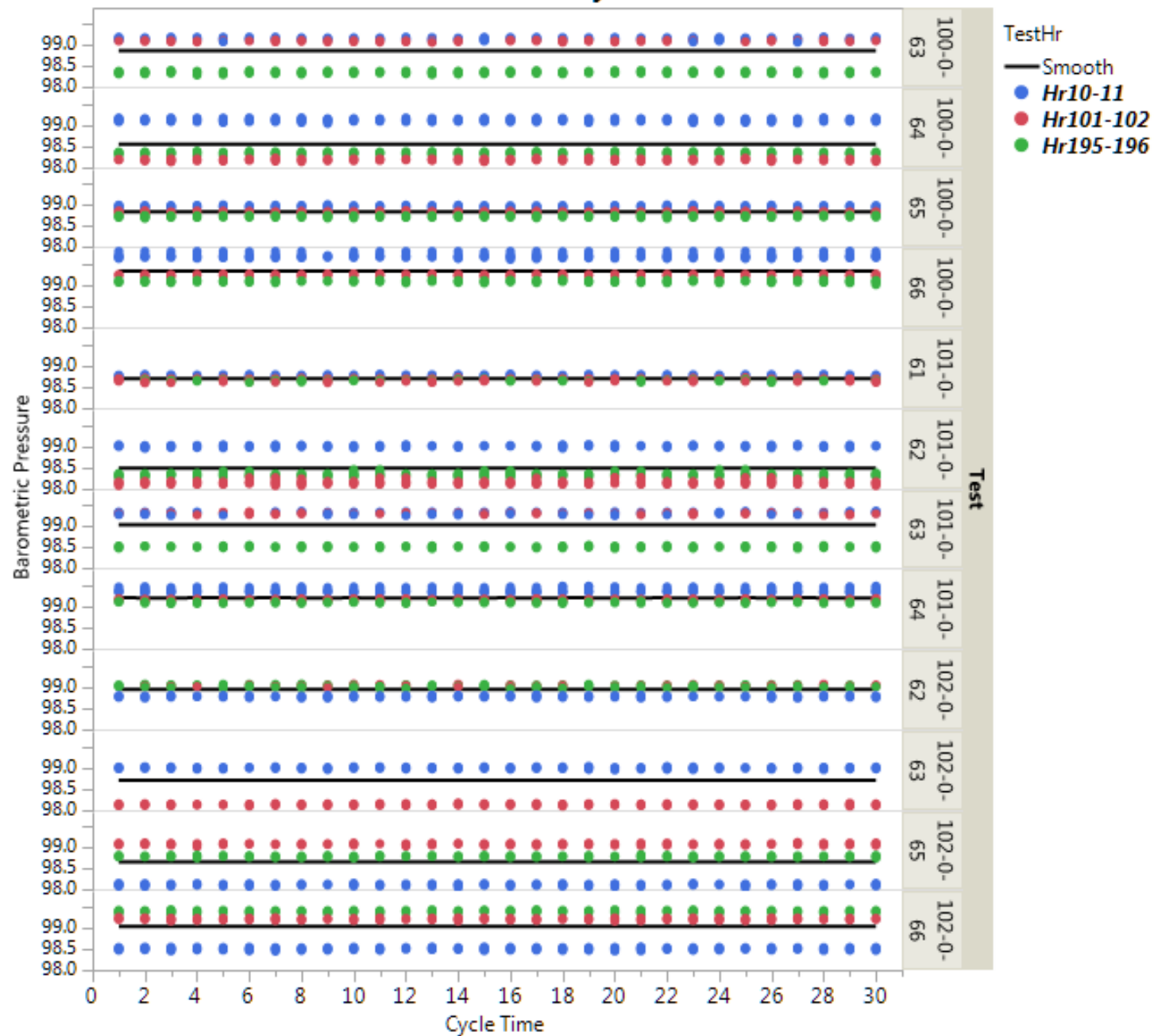
Bank 1 Sensor 1 vs. Cycle Time



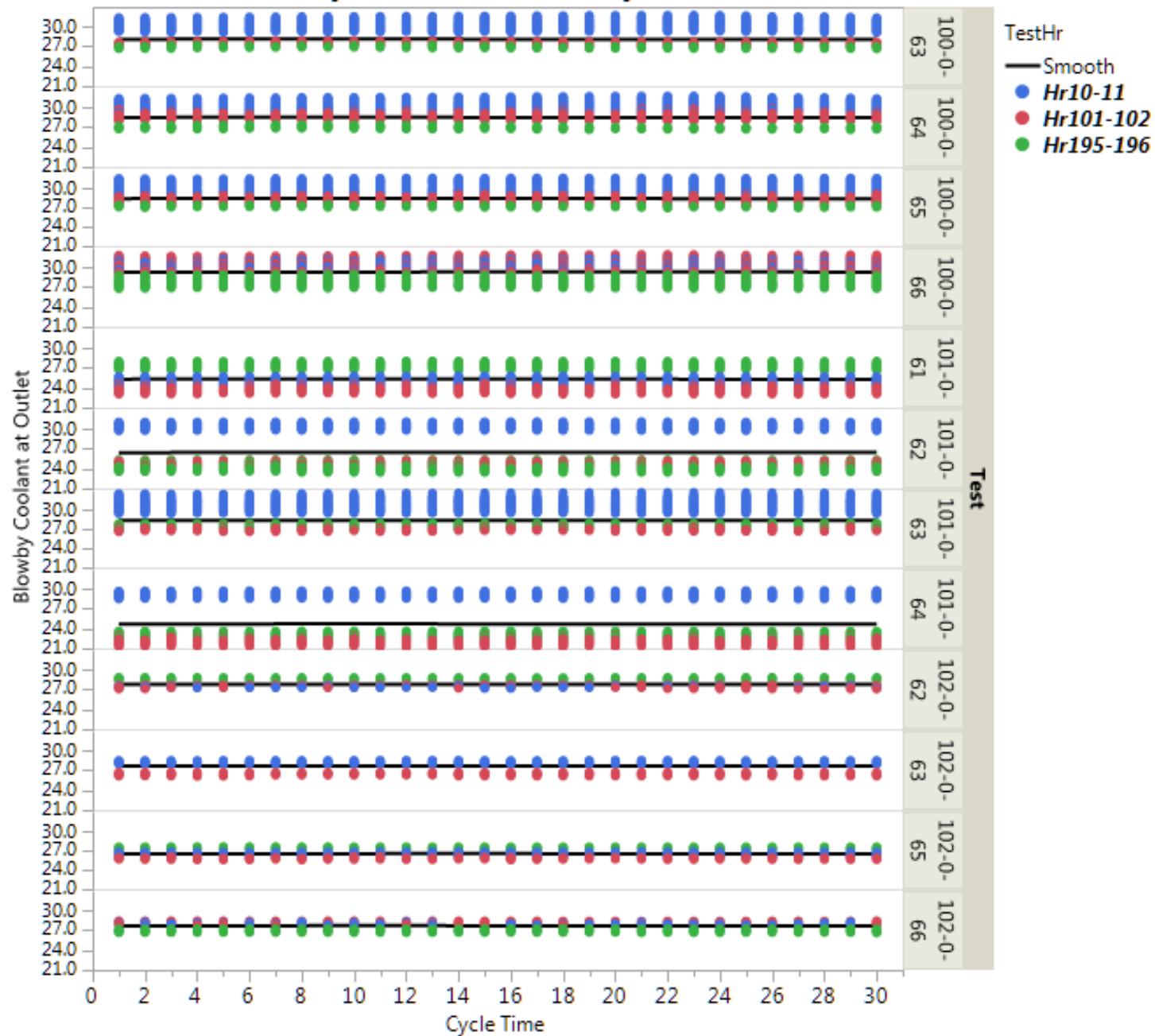
Bank 1 STFT vs. Cycle Time



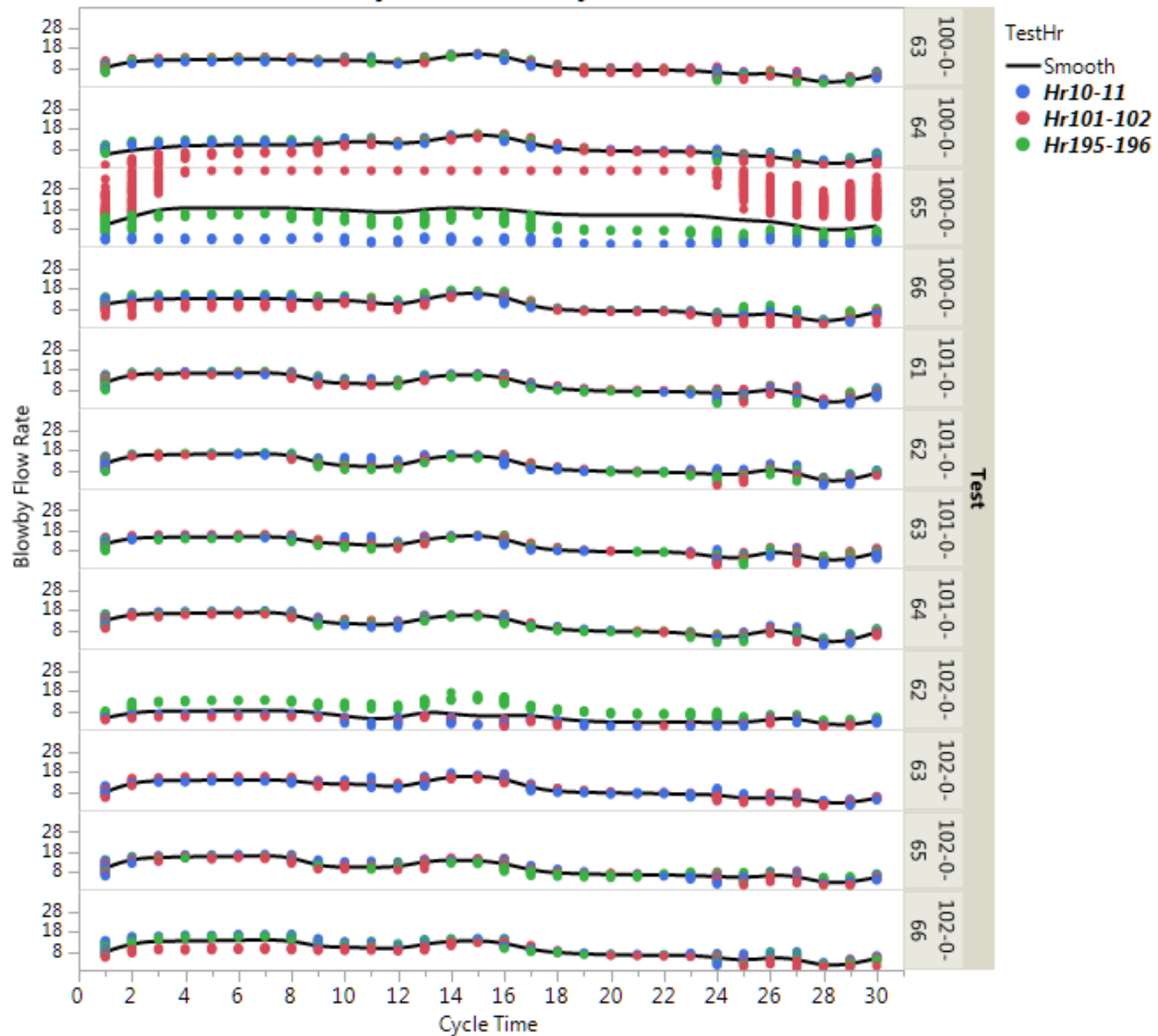
Barometric Pressure vs. Cycle Time



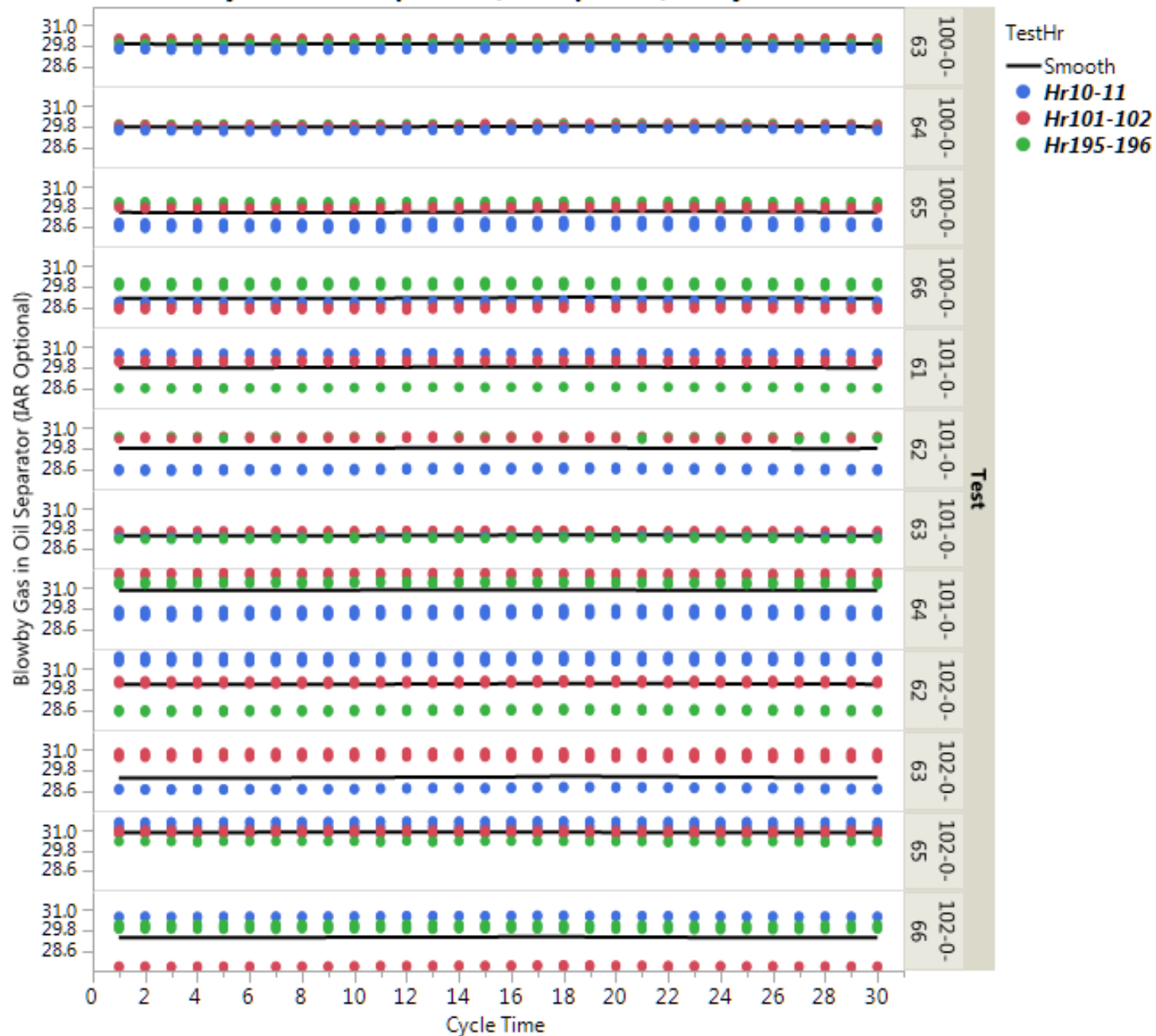
Blowby Coolant at Outlet vs. Cycle Time



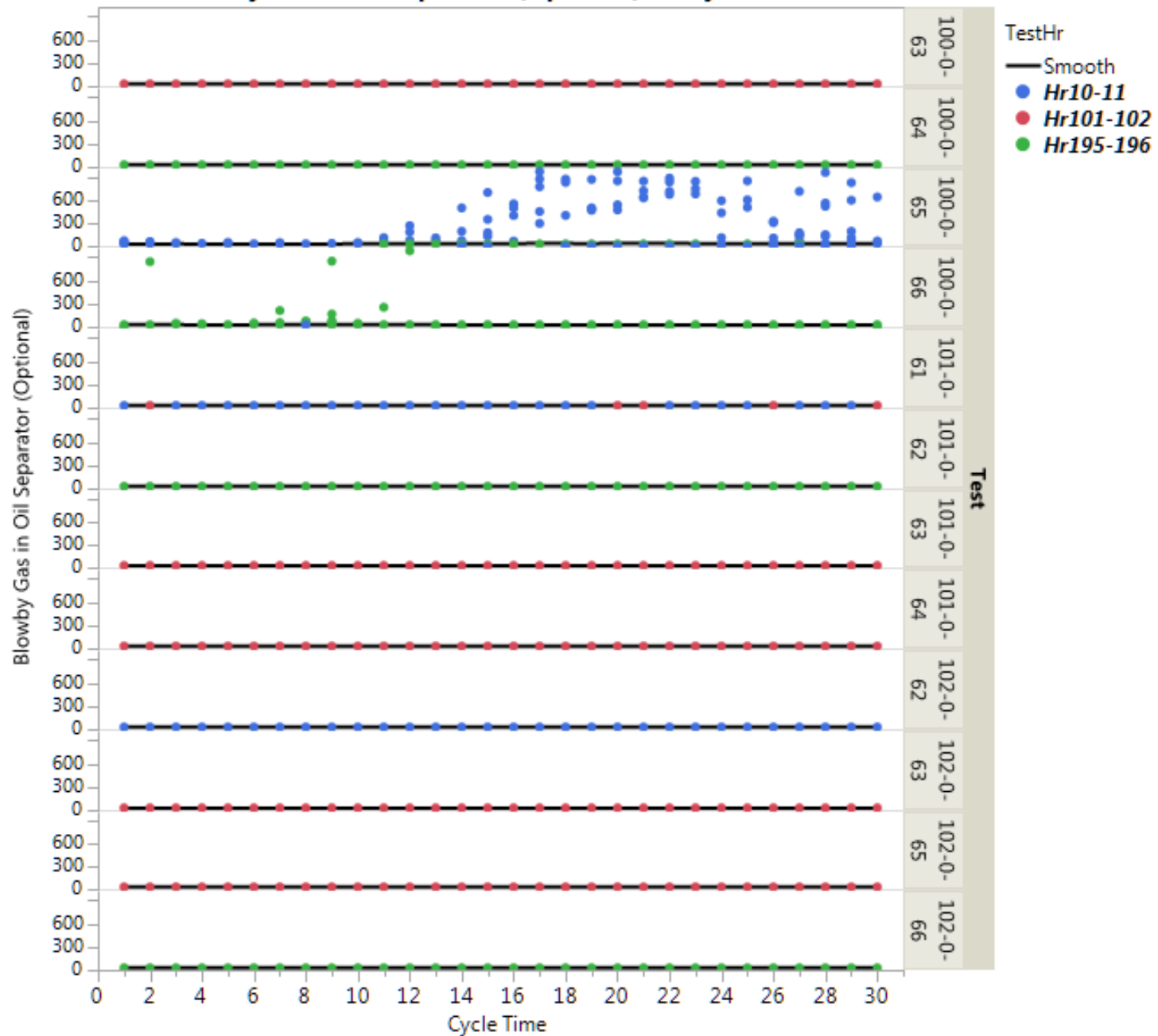
Blowby Flow Rate vs. Cycle Time



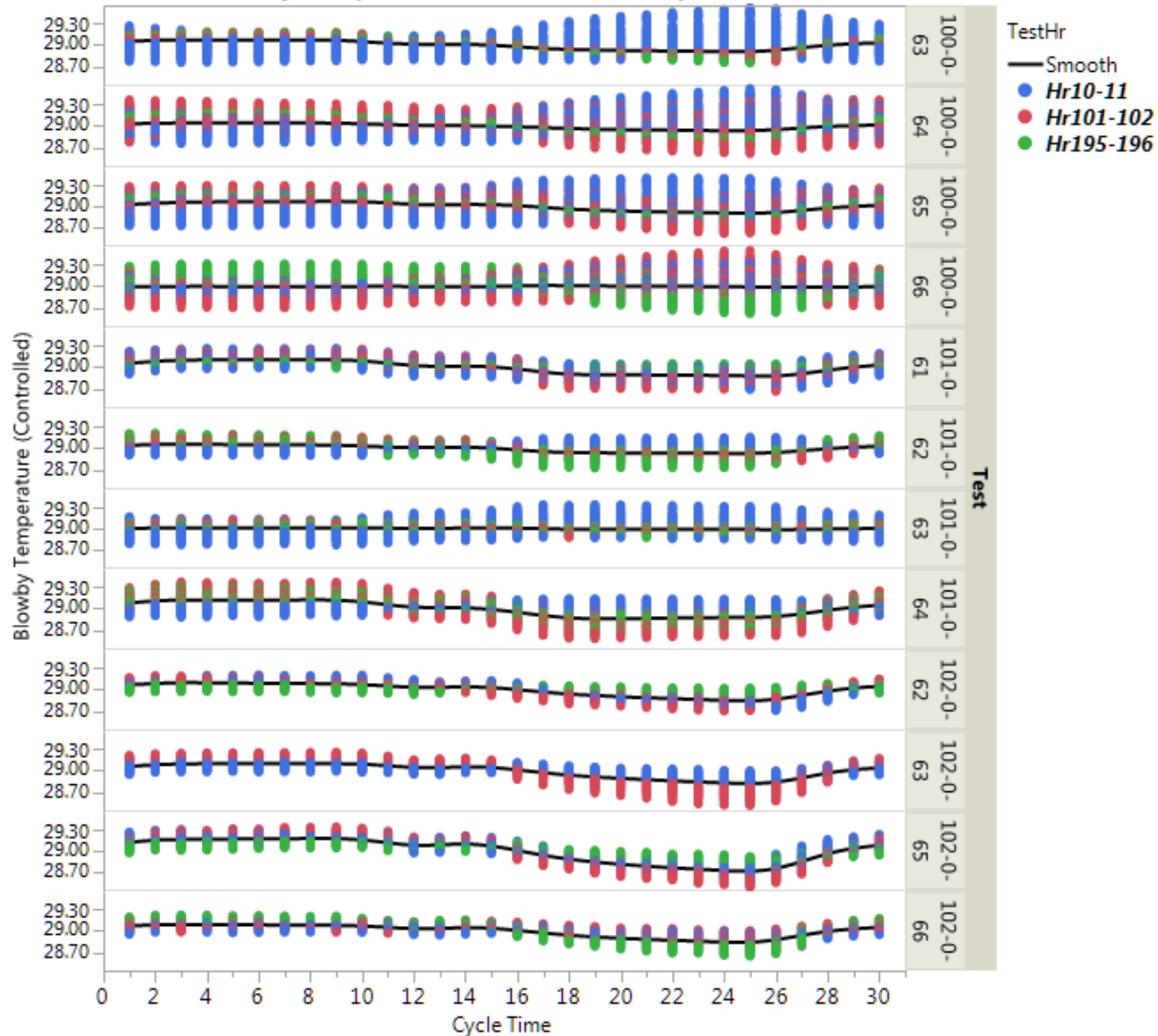
Blowby Gas in Oil Separator (IAR Optional) vs. Cycle Time



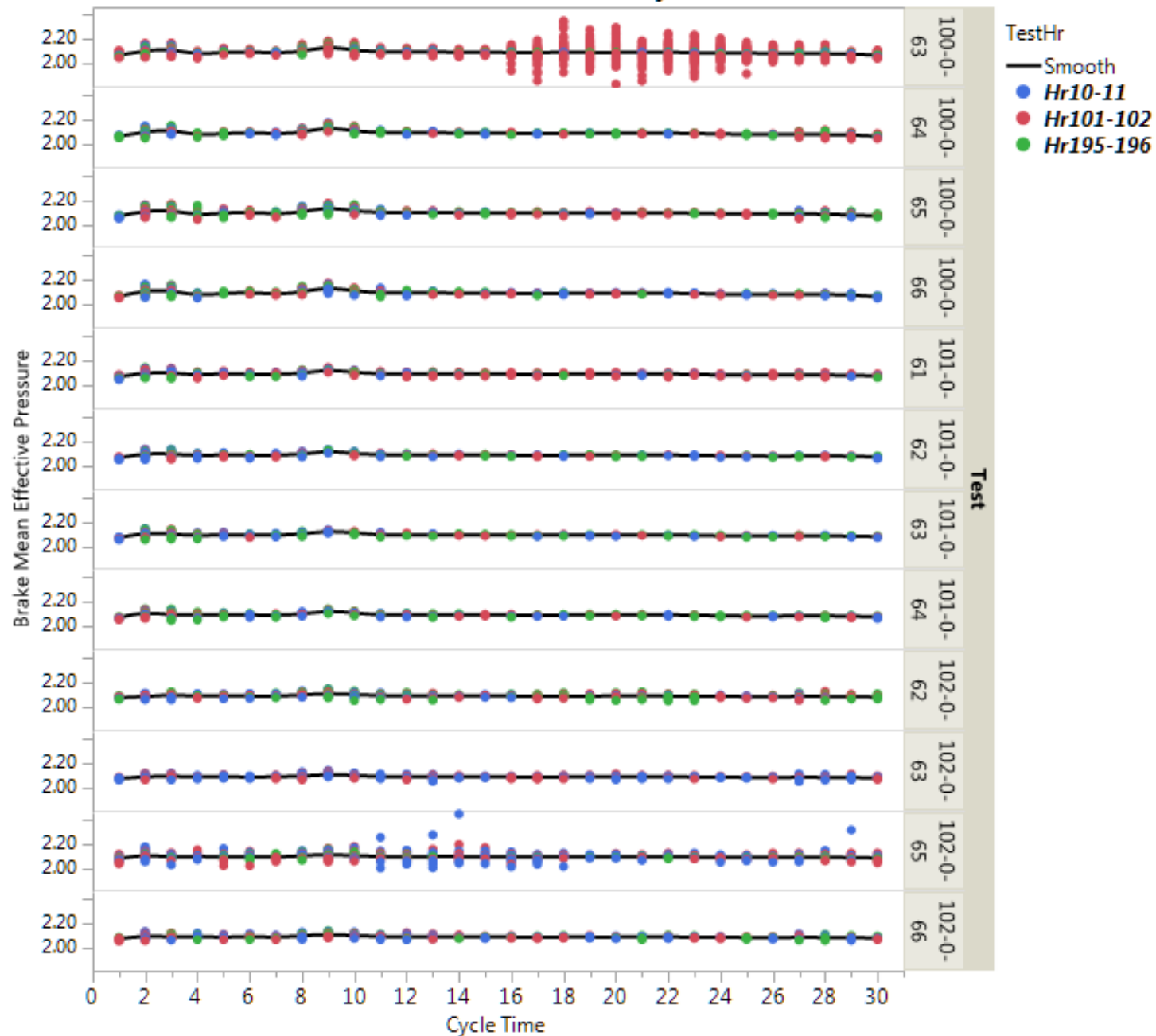
Blowby Gas in Oil Separator (Optional) vs. Cycle Time



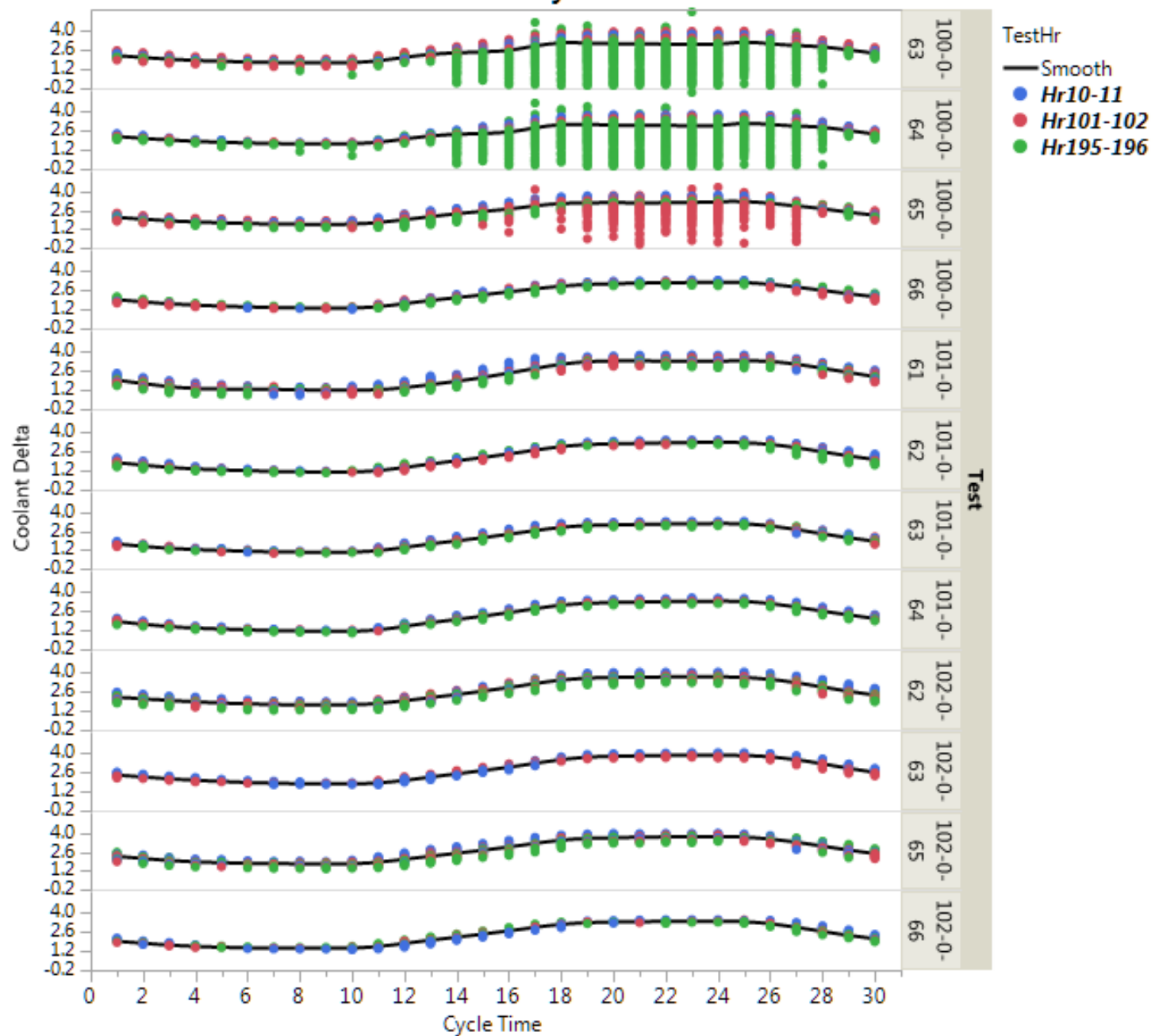
Blowby Temperature (Controlled) vs. Cycle Time



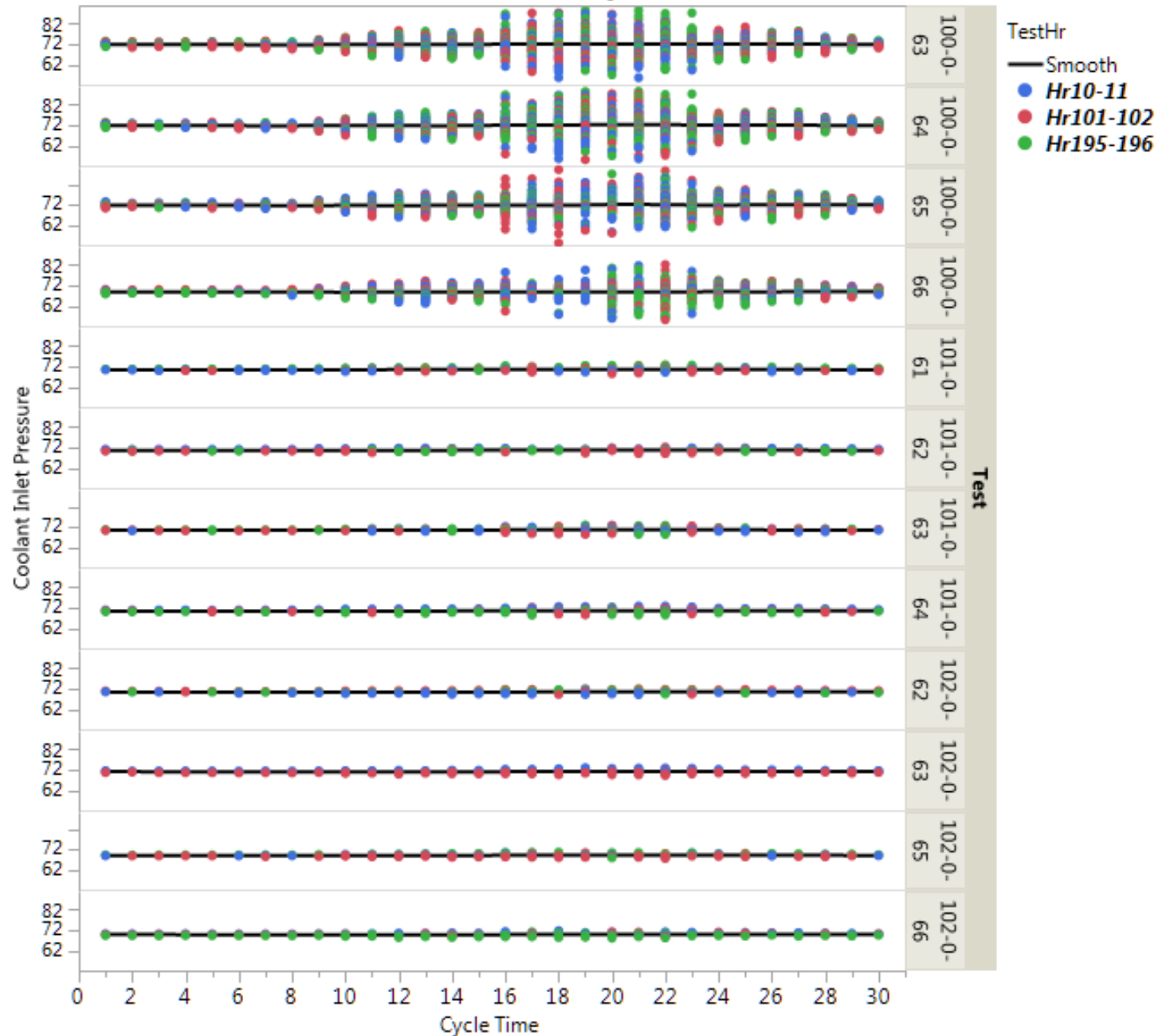
Brake Mean Effective Pressure vs. Cycle Time



Coolant Delta vs. Cycle Time

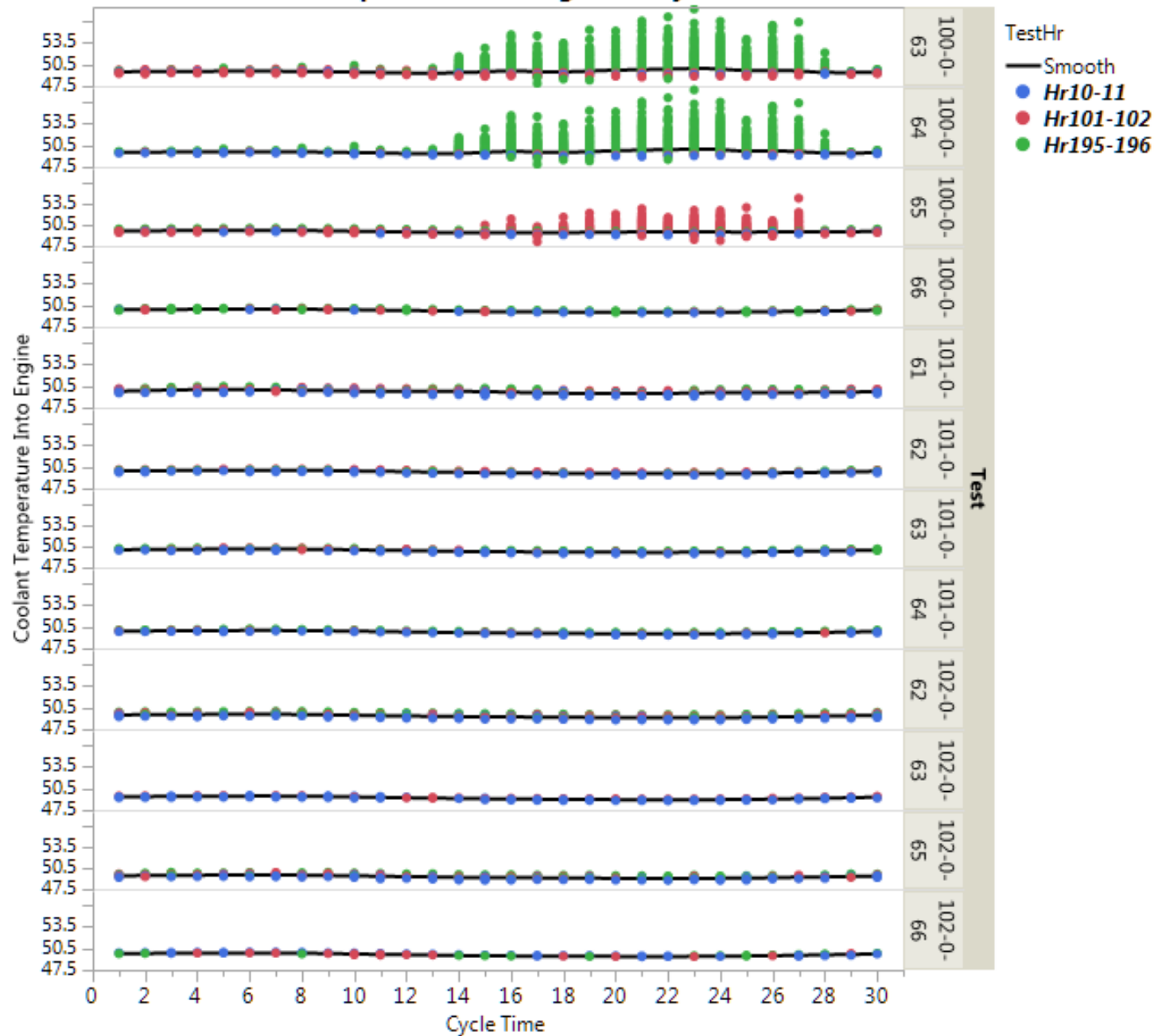


Coolant Inlet Pressure vs. Cycle Time

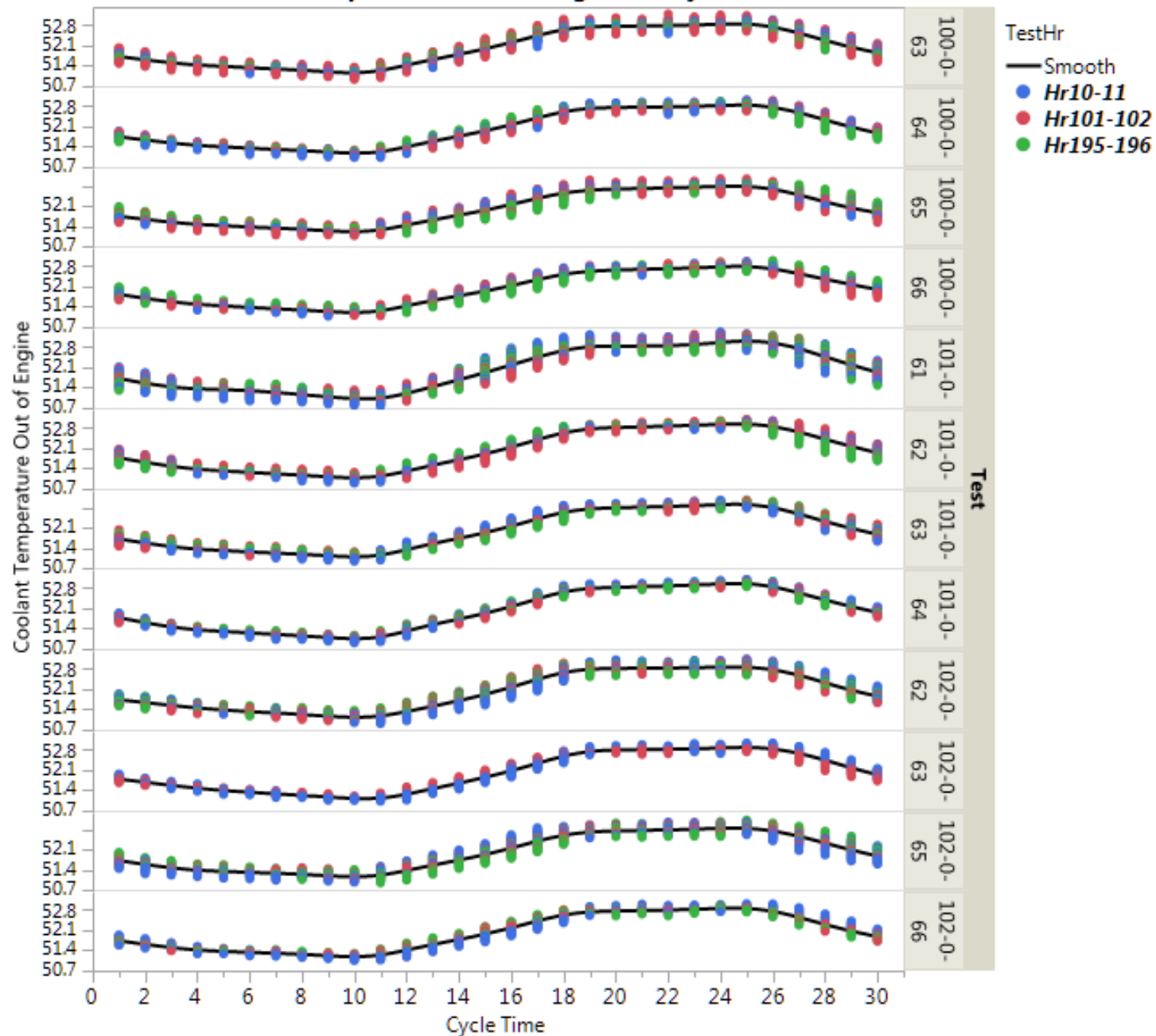


TestHr
 — Smooth
 ● Hr10-11
 ● Hr101-102
 ● Hr195-196

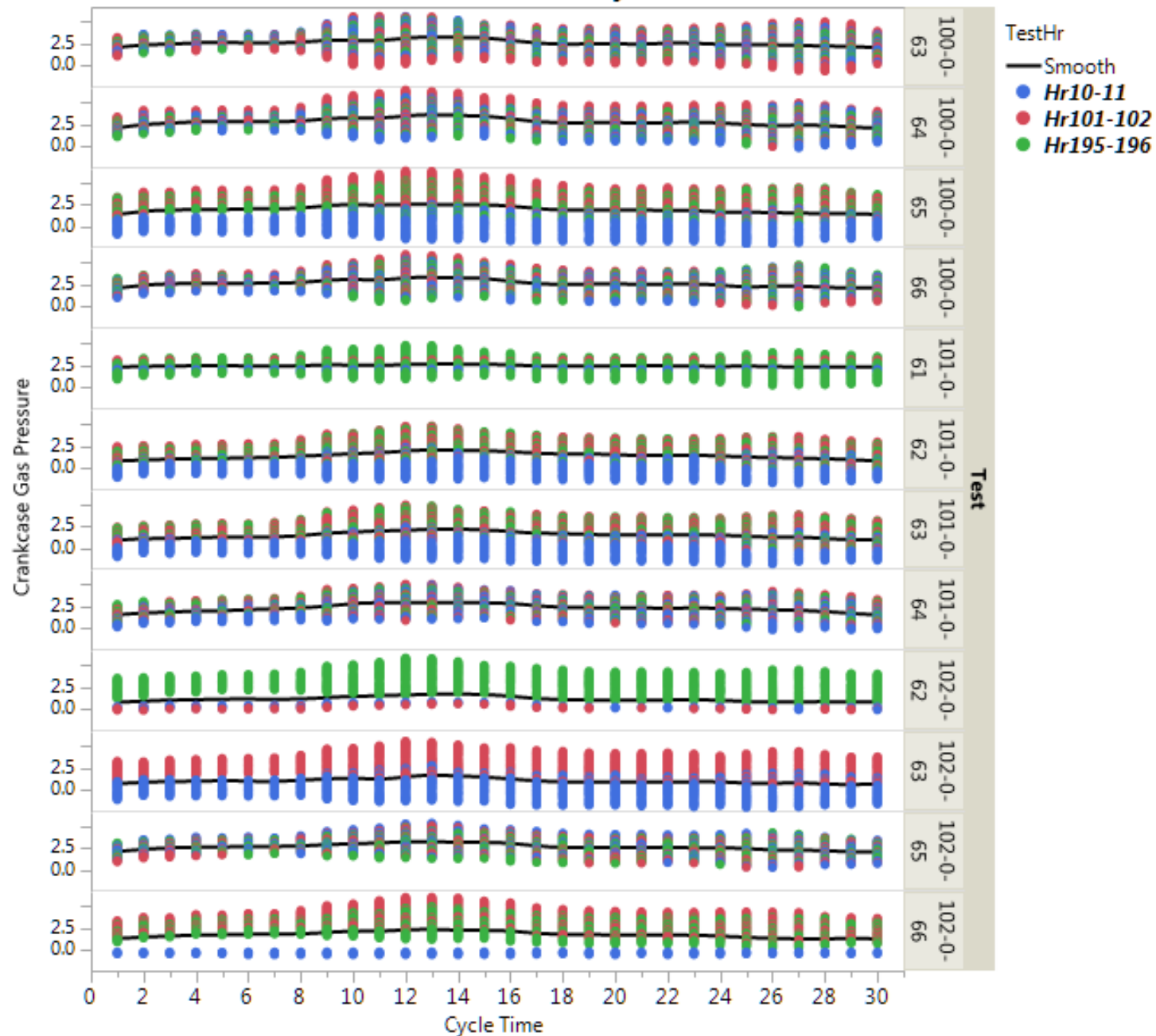
Coolant Temperature Into Engine vs. Cycle Time



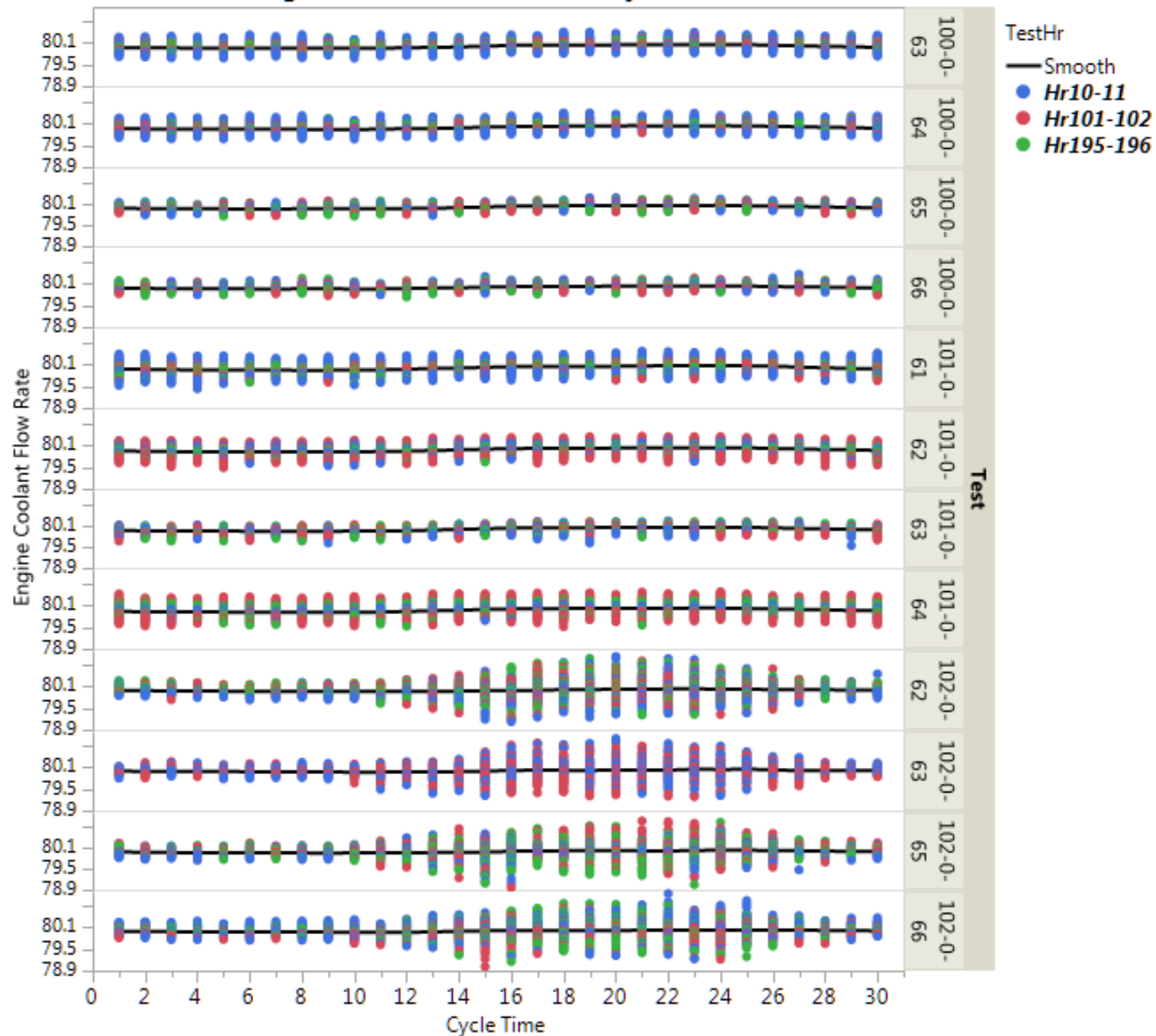
Coolant Temperature Out of Engine vs. Cycle Time



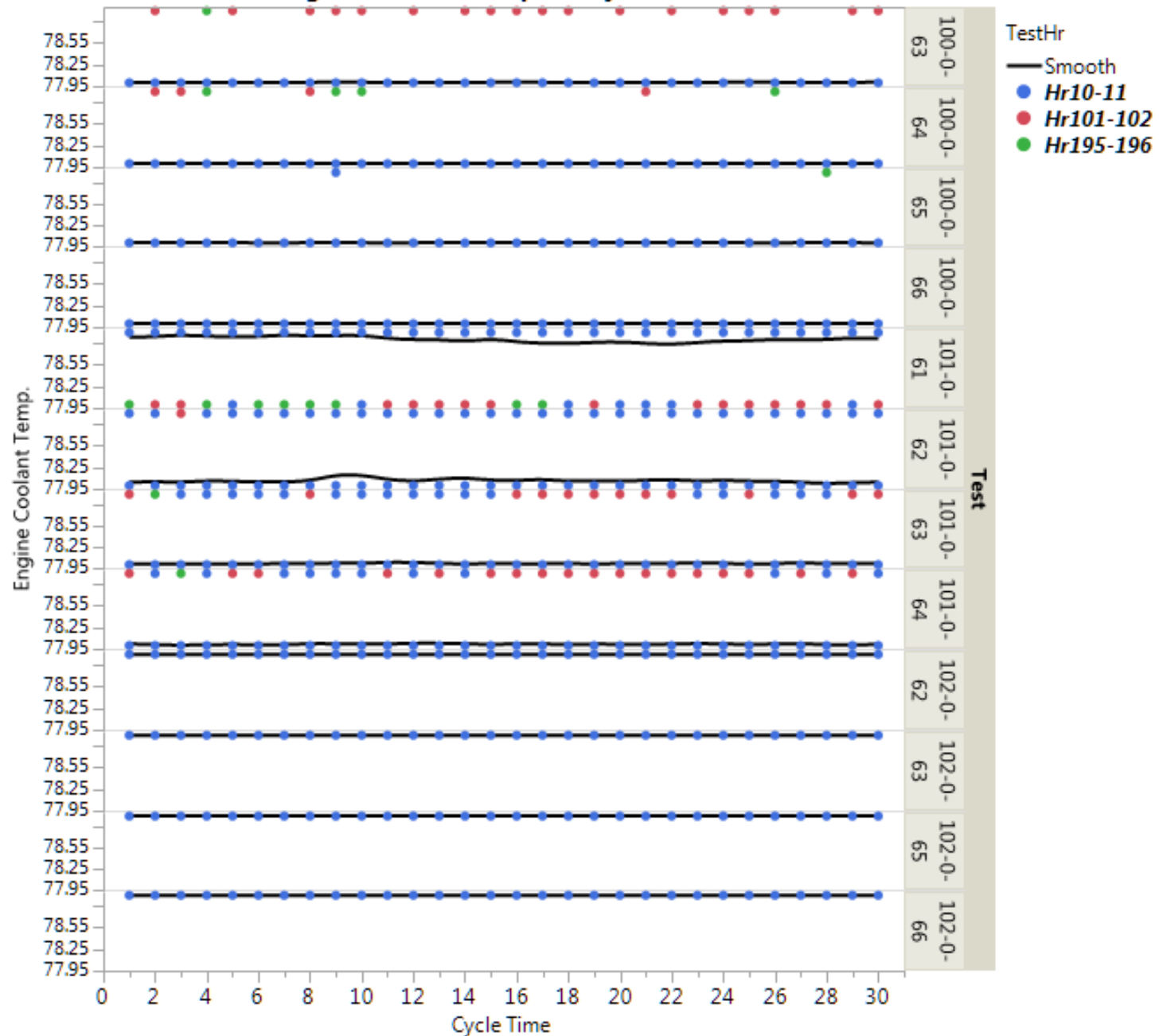
Crankcase Gas Pressure vs. Cycle Time



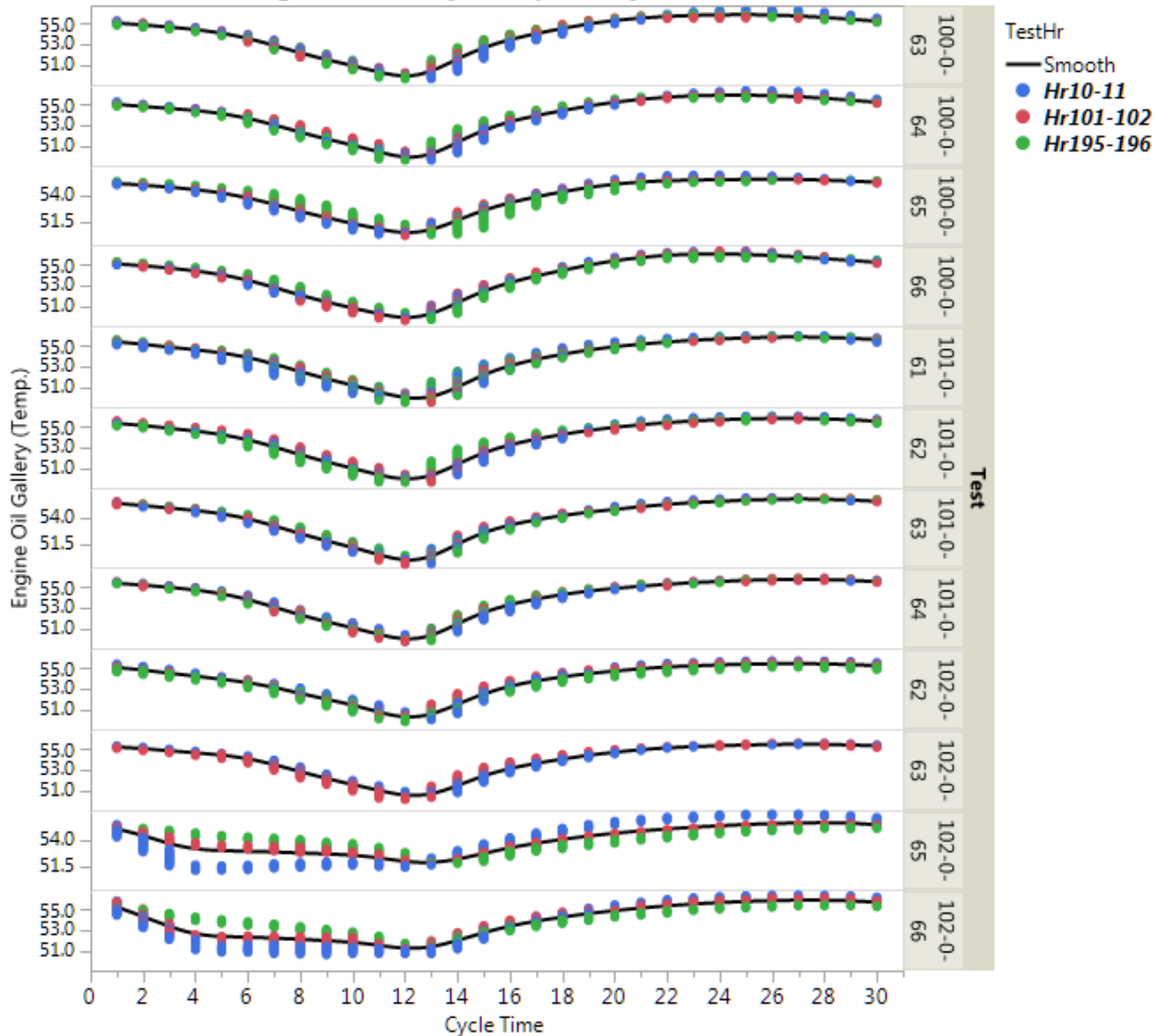
Engine Coolant Flow Rate vs. Cycle Time



Engine Coolant Temp. vs. Cycle Time

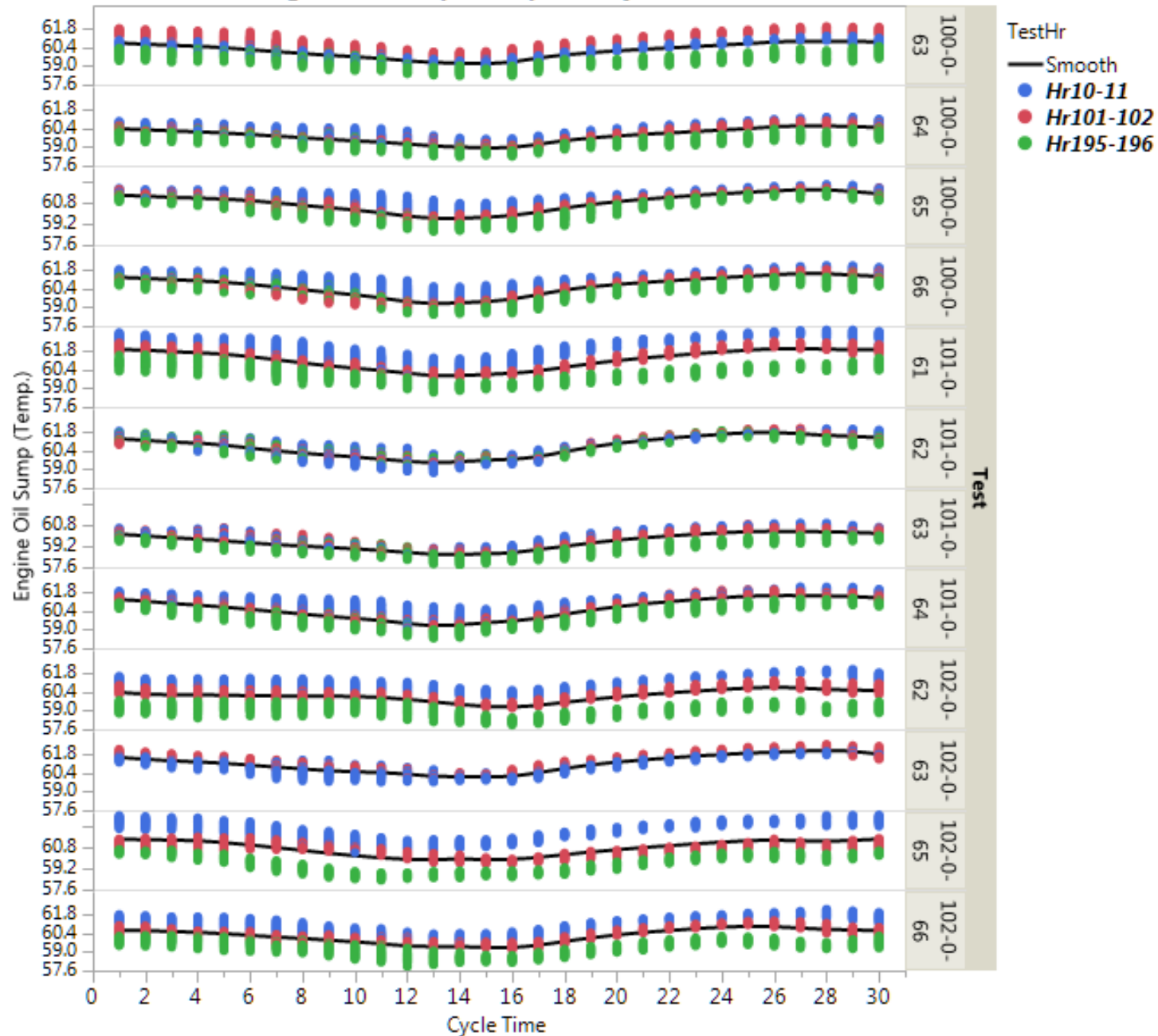


Engine Oil Gallery (Temp.) vs. Cycle Time

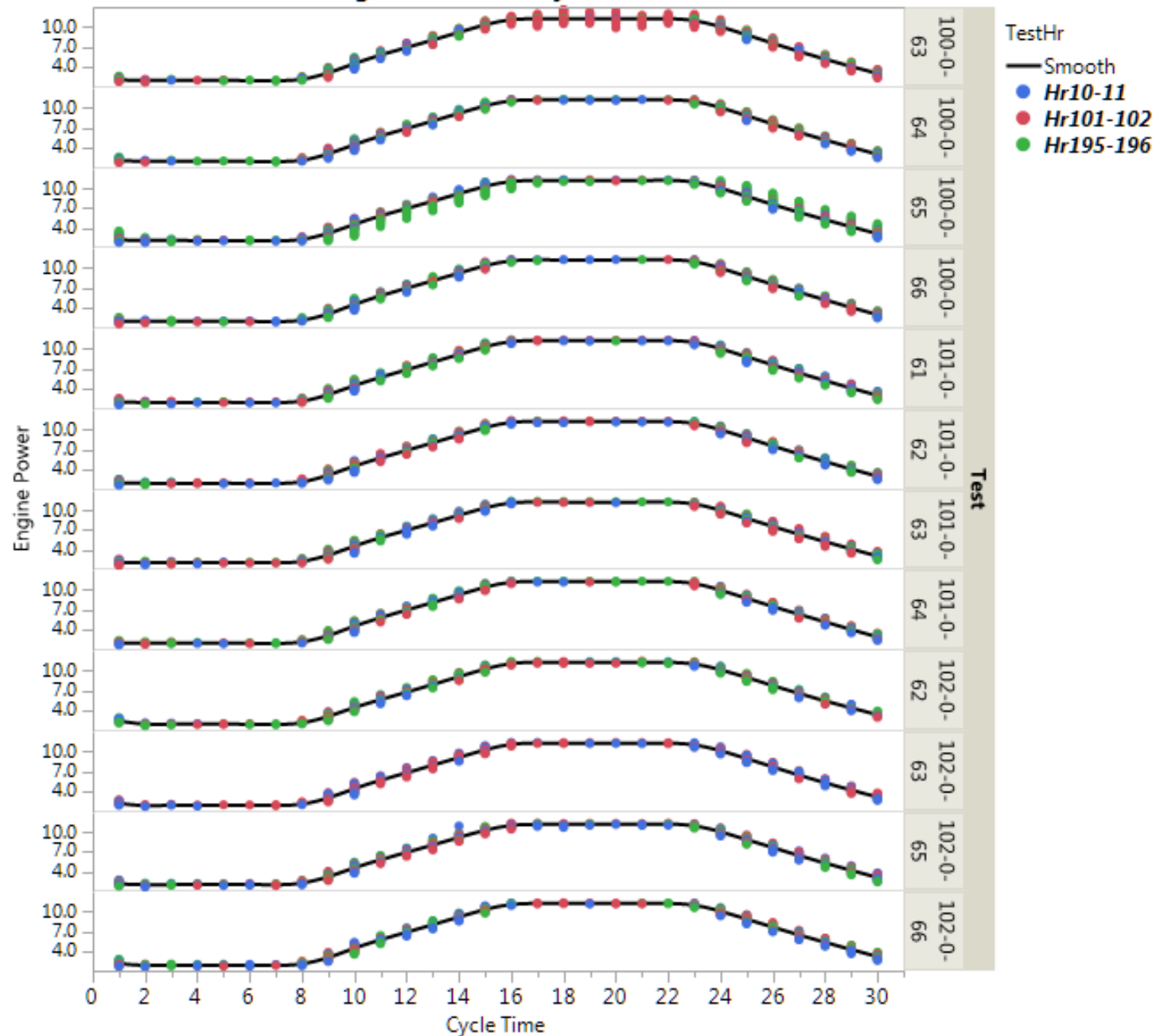


TestHr
 — Smooth
 ● Hr10-11
 ● Hr101-102
 ● Hr195-196

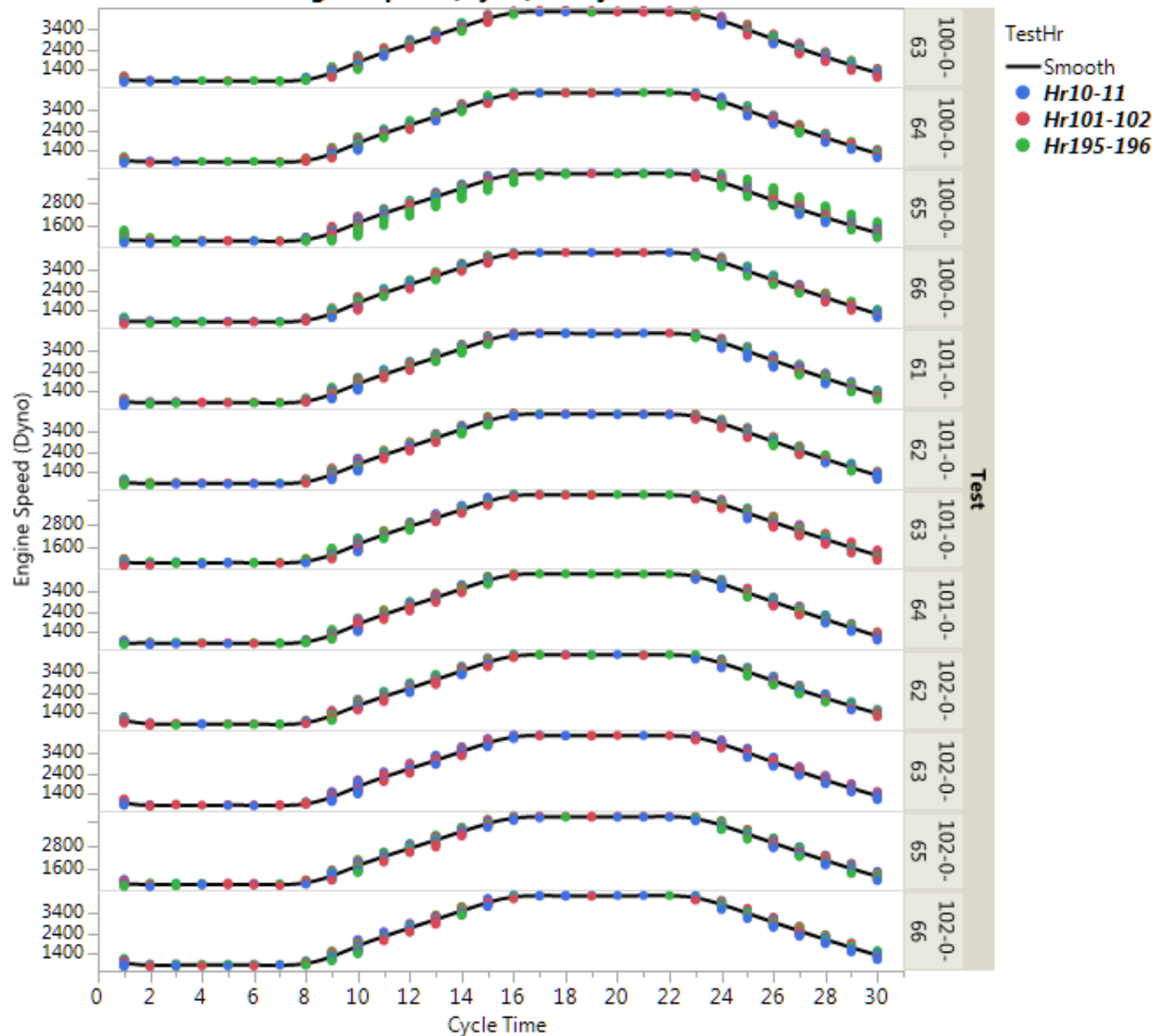
Engine Oil Sump (Temp.) vs. Cycle Time



Engine Power vs. Cycle Time

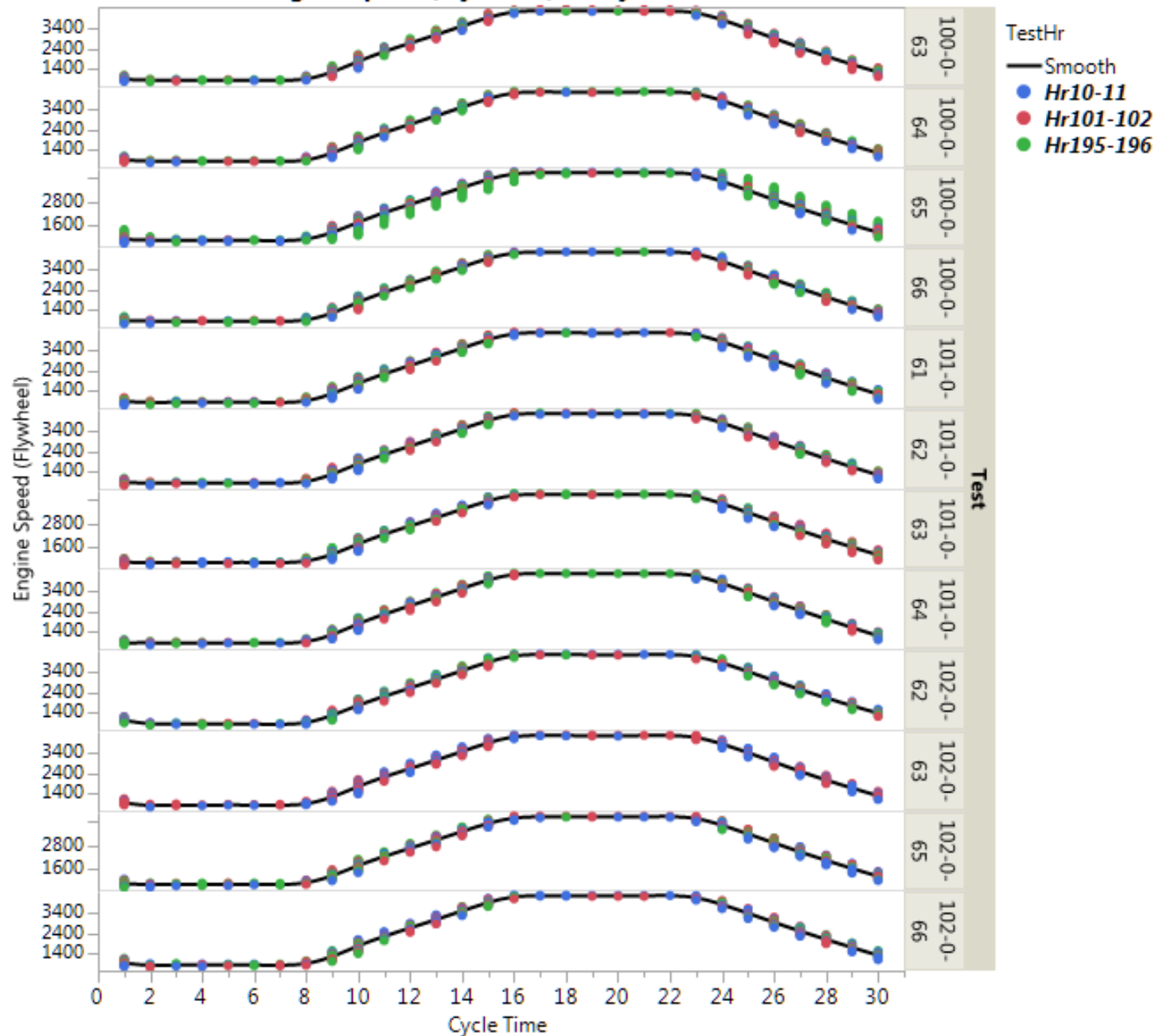


Engine Speed (Dyno) vs. Cycle Time



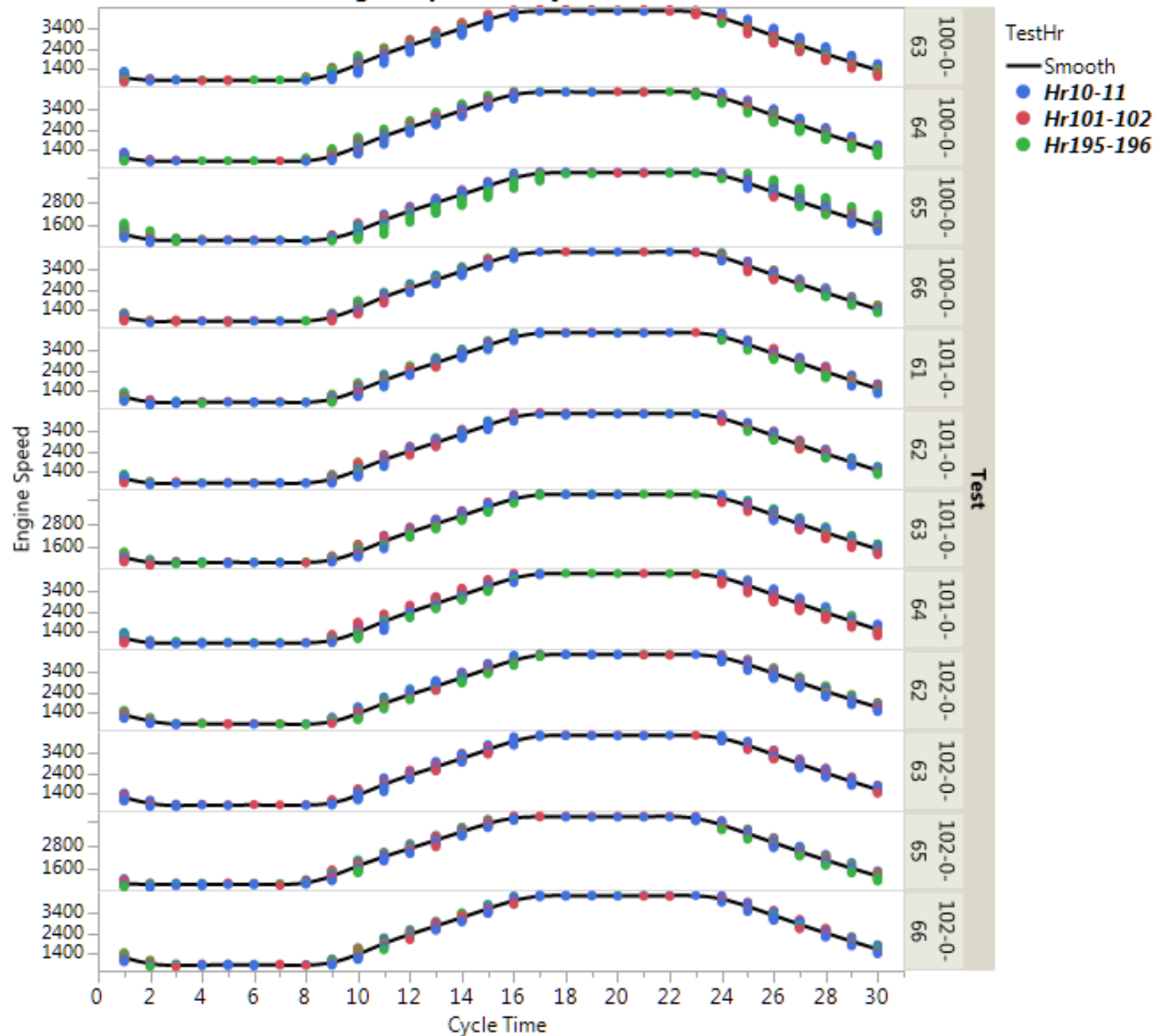
TestHr
 — Smooth
 ● Hr10-11
 ● Hr101-102
 ● Hr195-196

Engine Speed (Flywheel) vs. Cycle Time

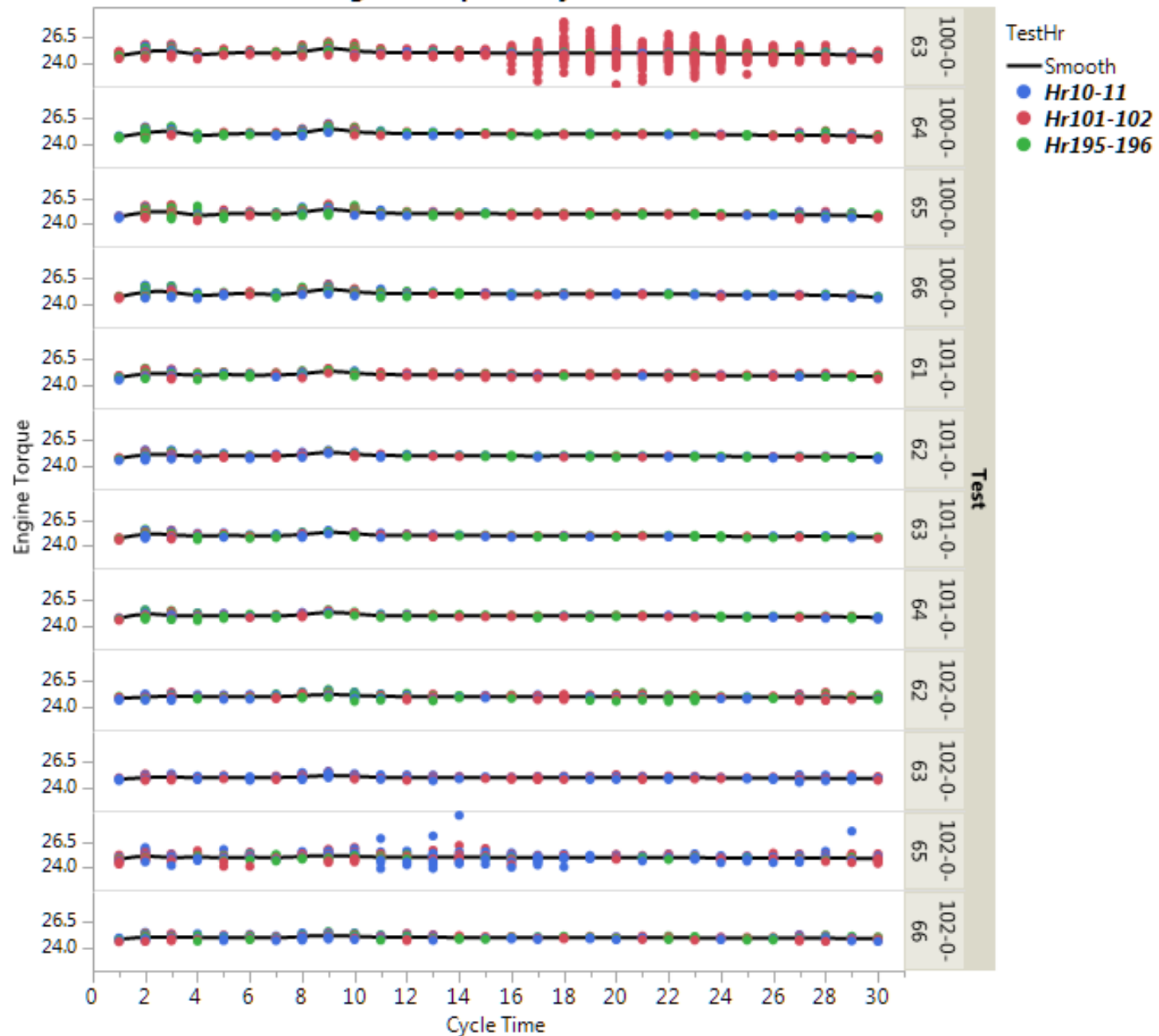


TestHr
 — Smooth
 ● Hr10-11
 ● Hr101-102
 ● Hr195-196

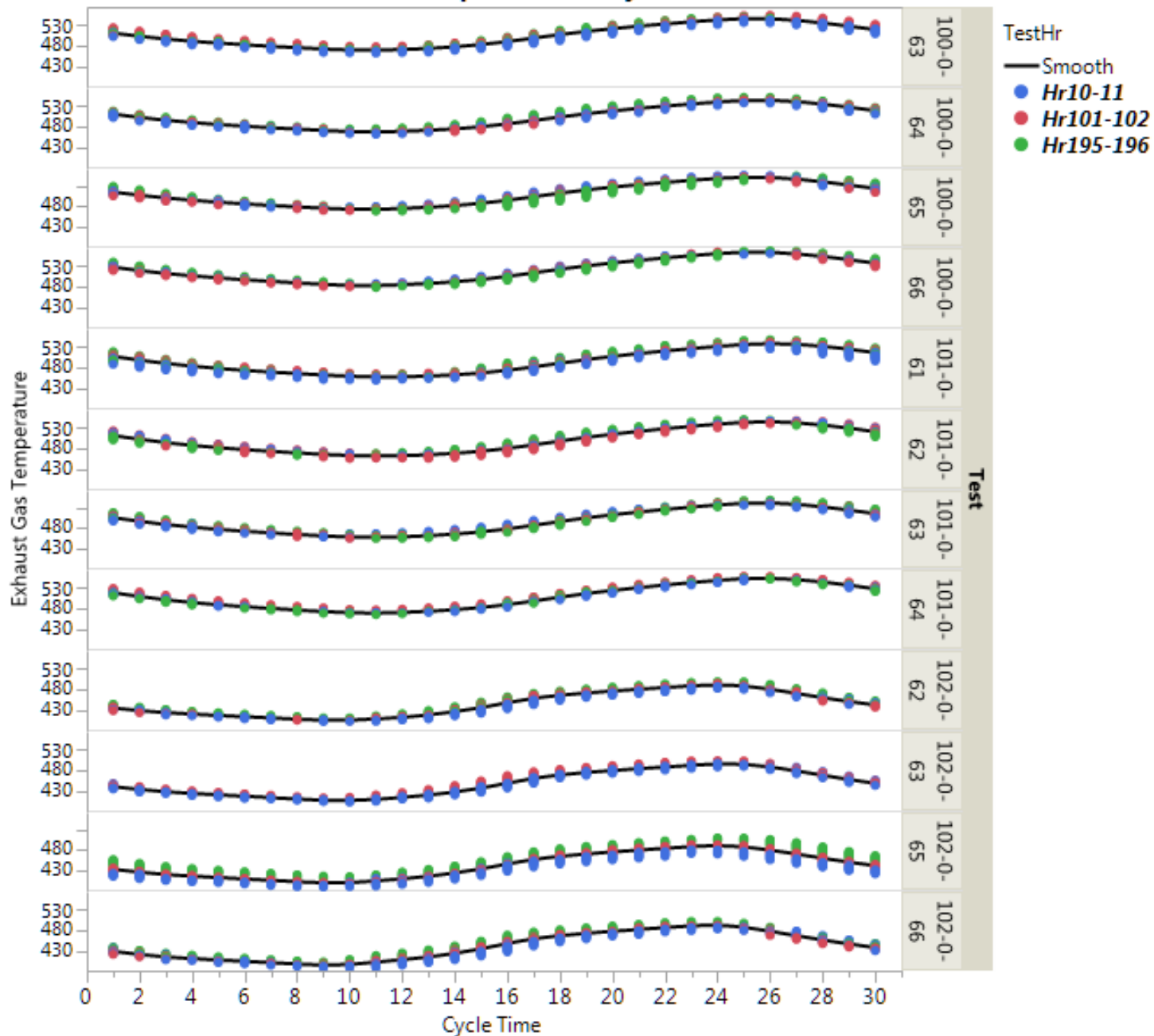
Engine Speed vs. Cycle Time



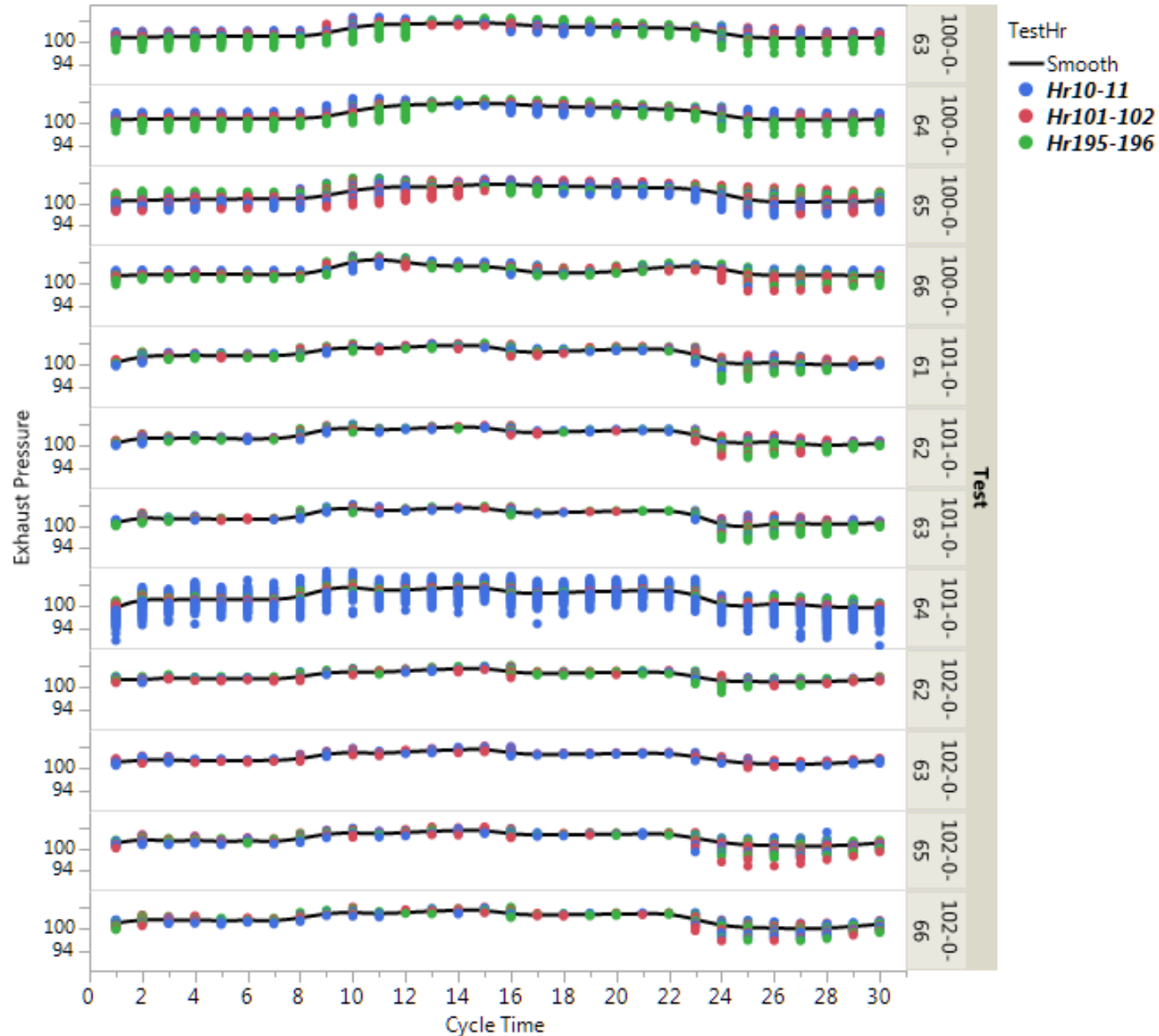
Engine Torque vs. Cycle Time



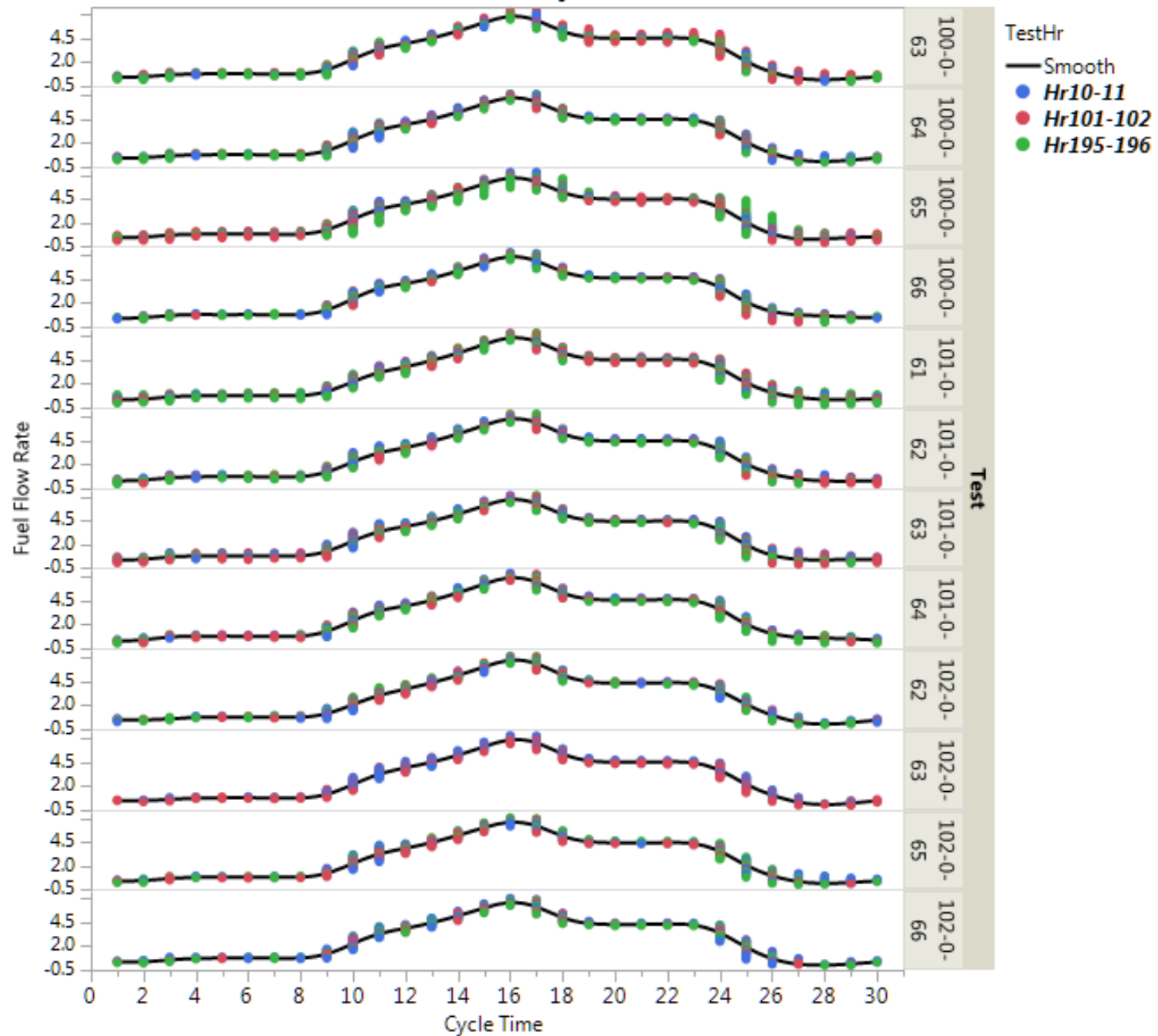
Exhaust Gas Temperature vs. Cycle Time



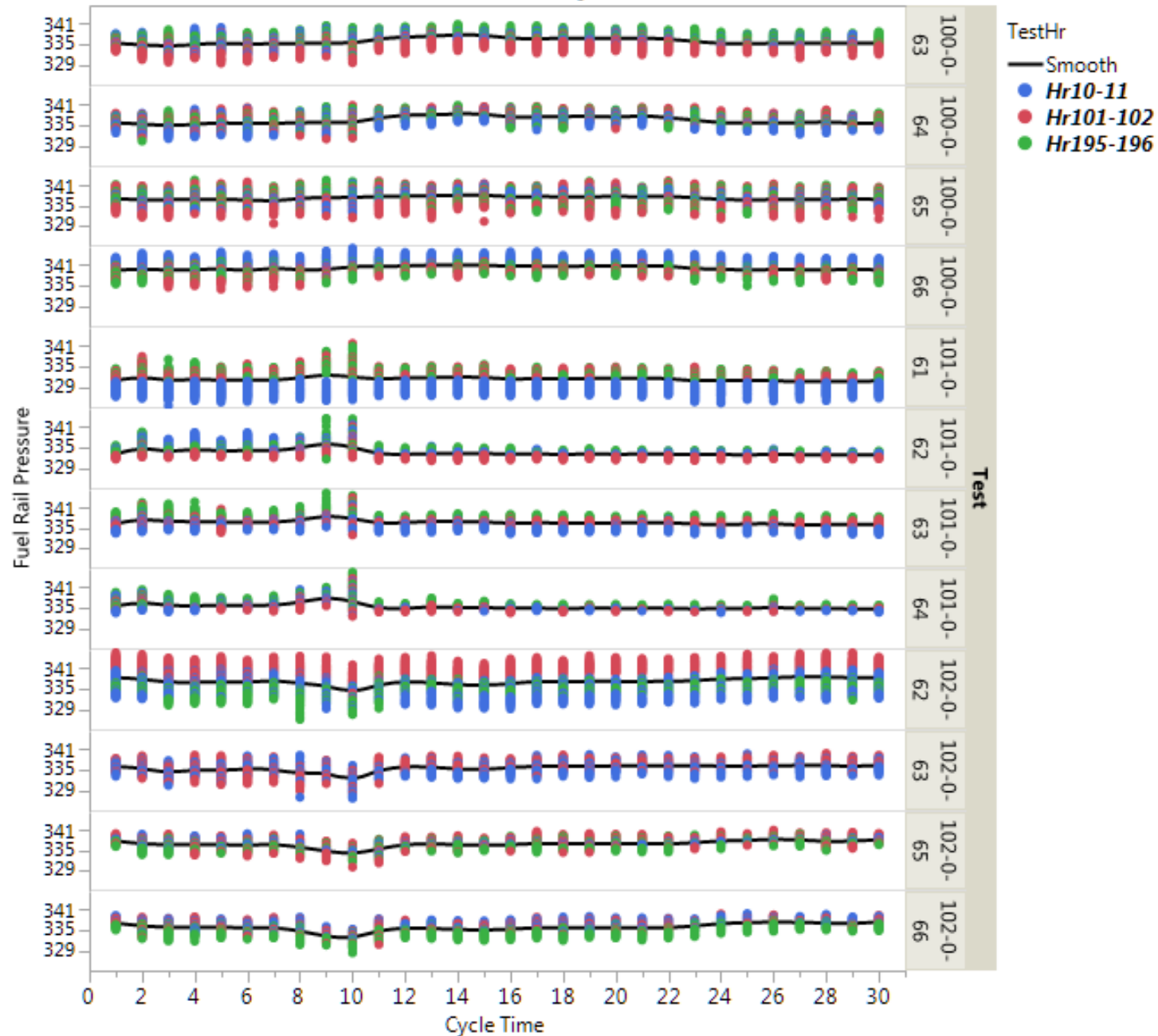
Exhaust Pressure vs. Cycle Time



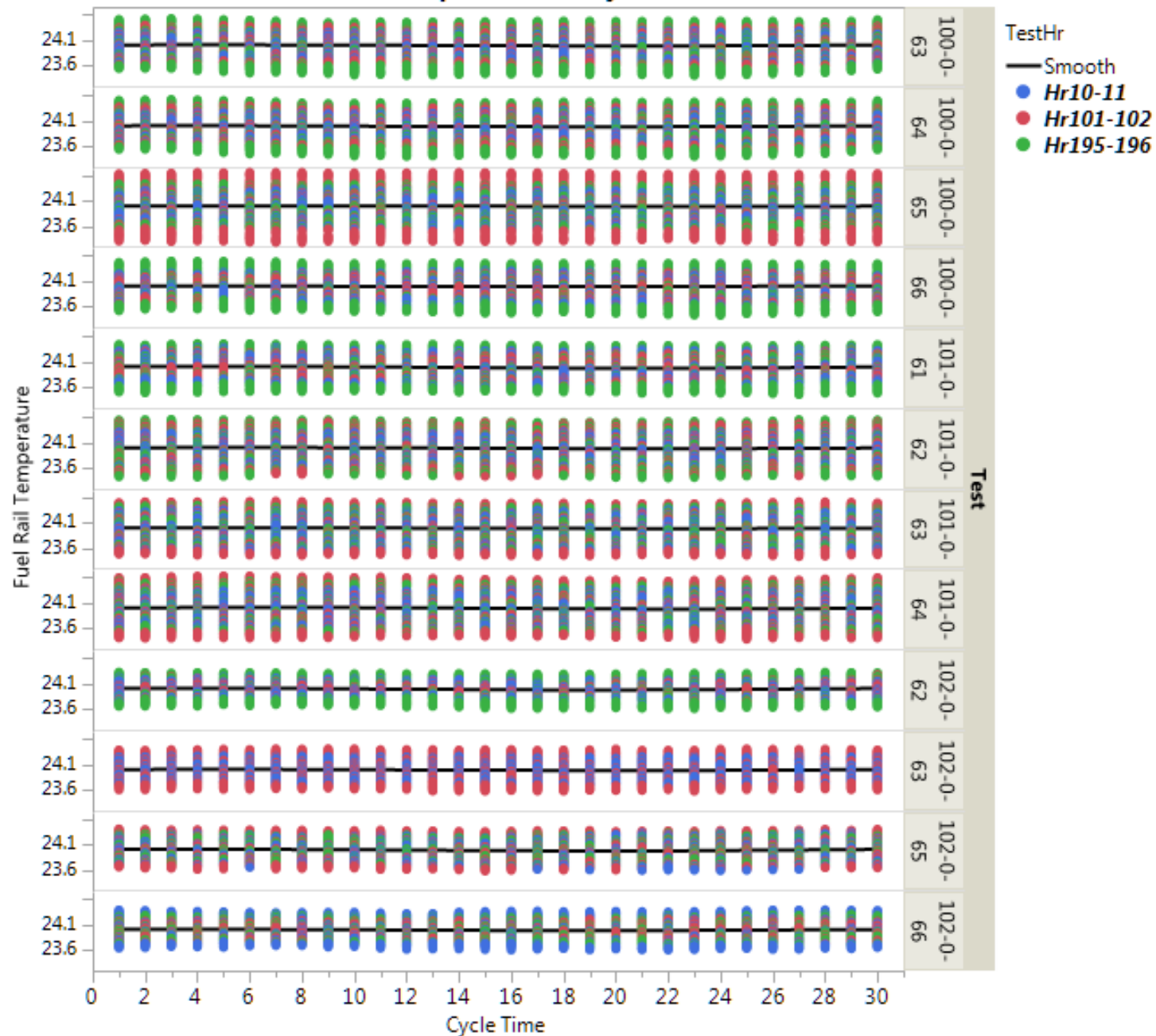
Fuel Flow Rate vs. Cycle Time



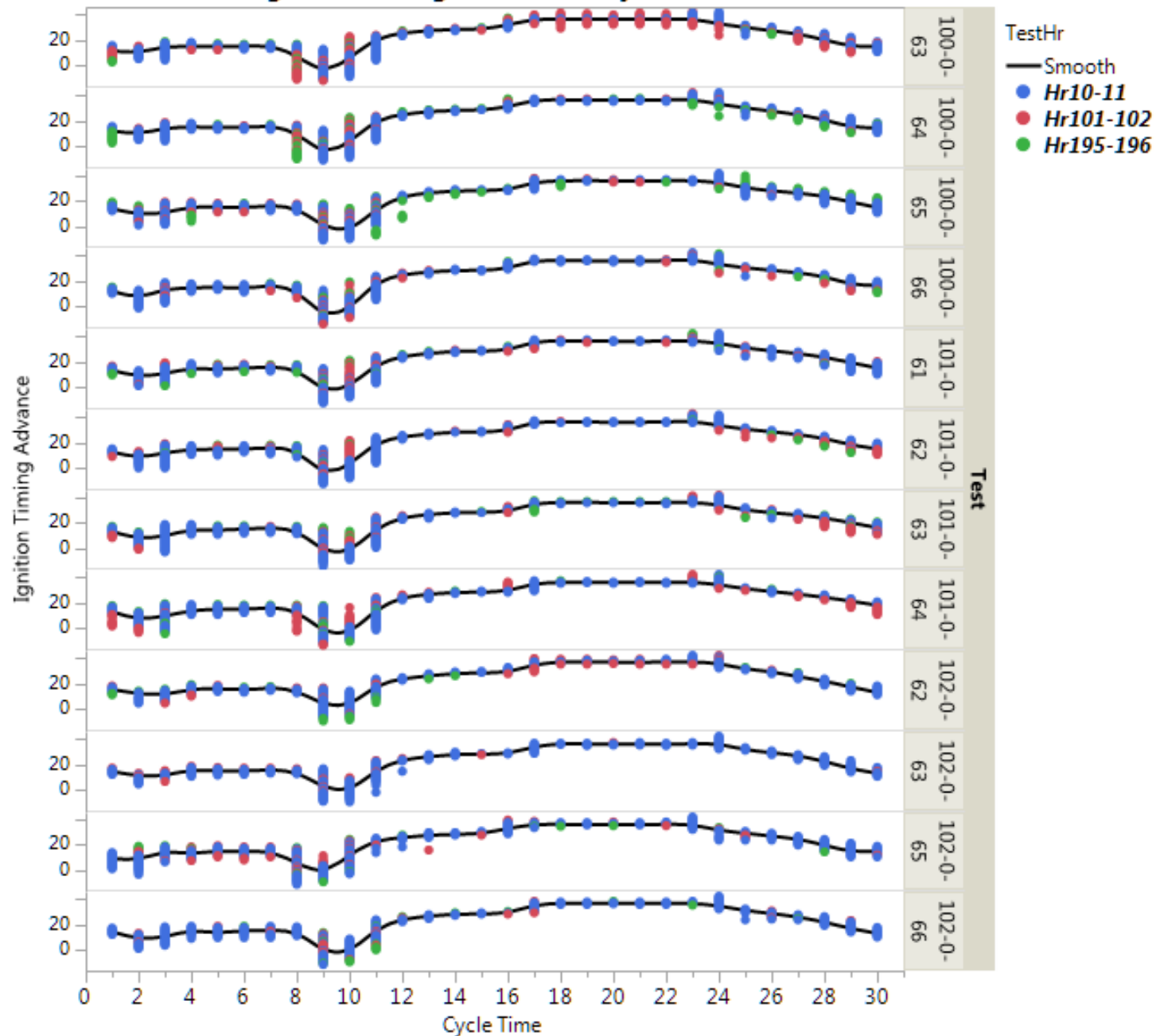
Fuel Rail Pressure vs. Cycle Time



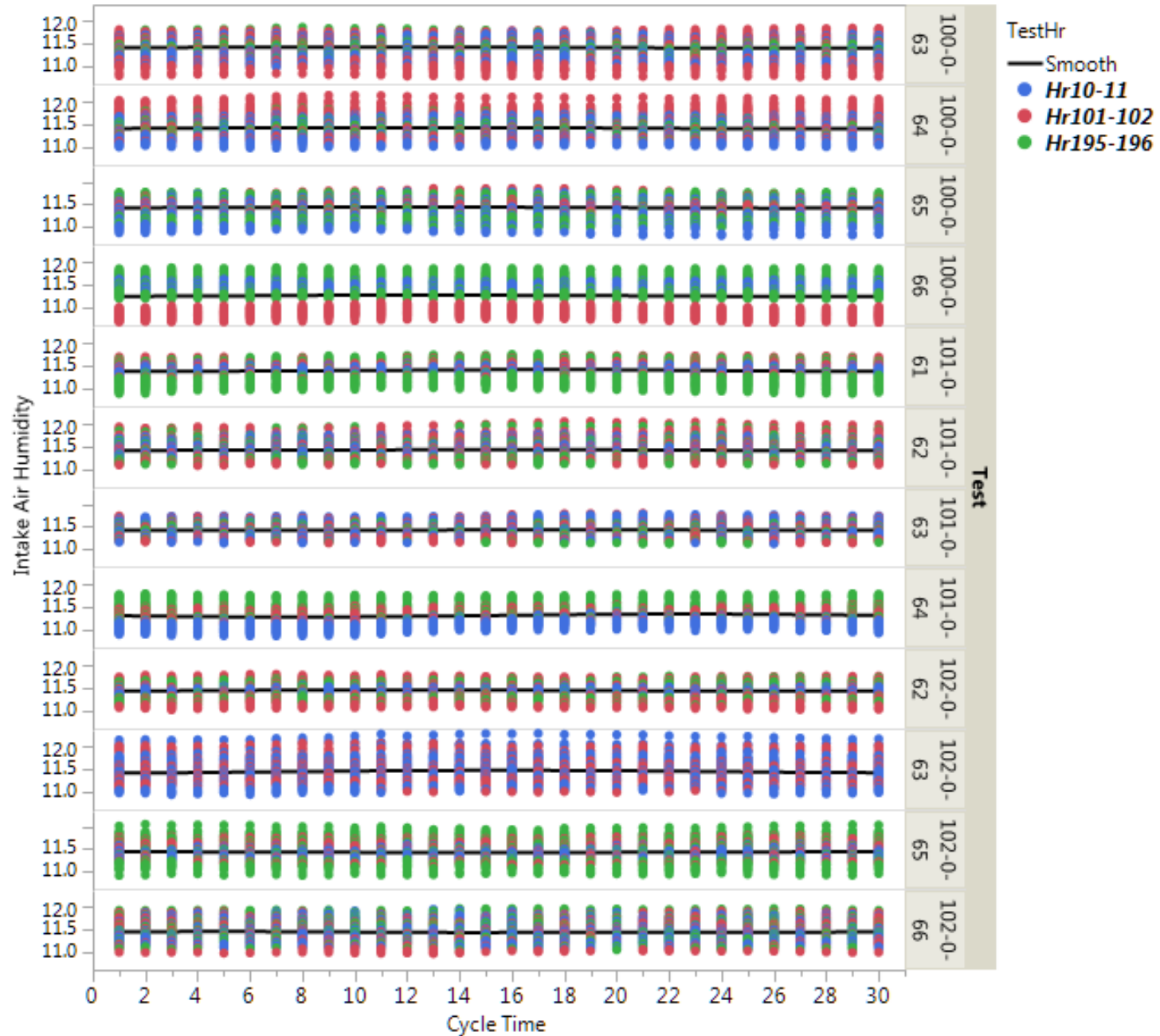
Fuel Rail Temperature vs. Cycle Time



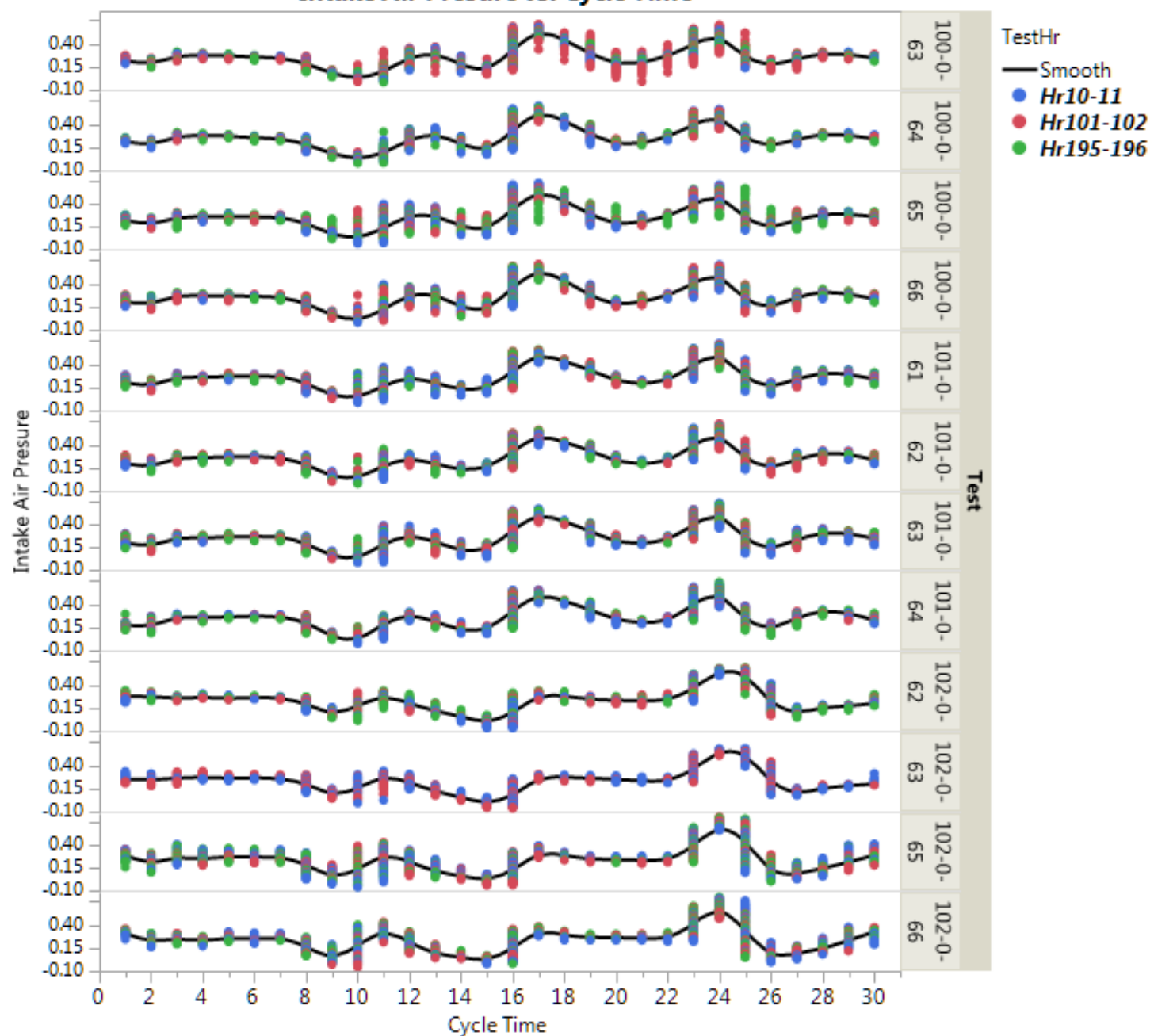
Ignition Timing Advance vs. Cycle Time



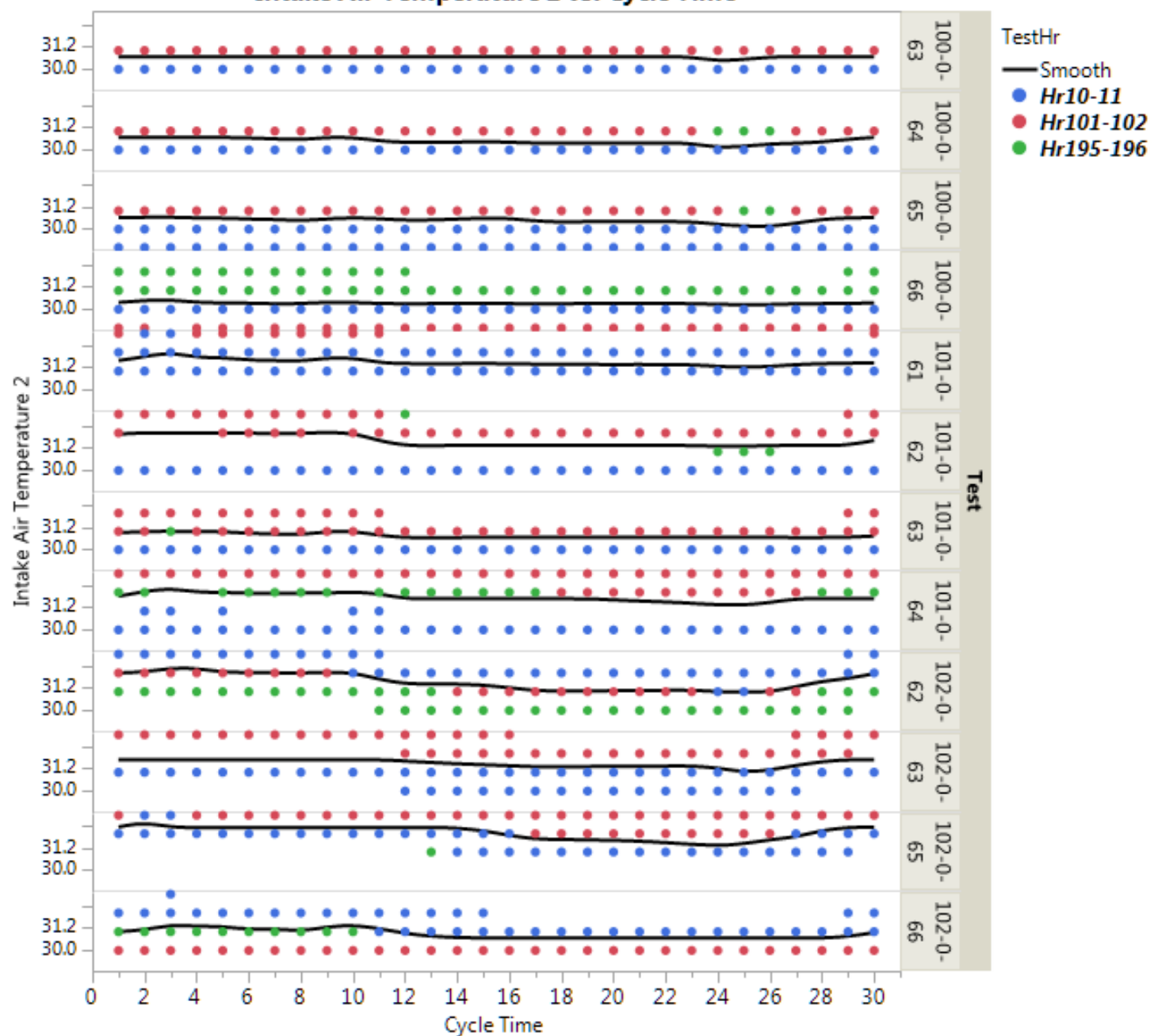
Intake Air Humidity vs. Cycle Time



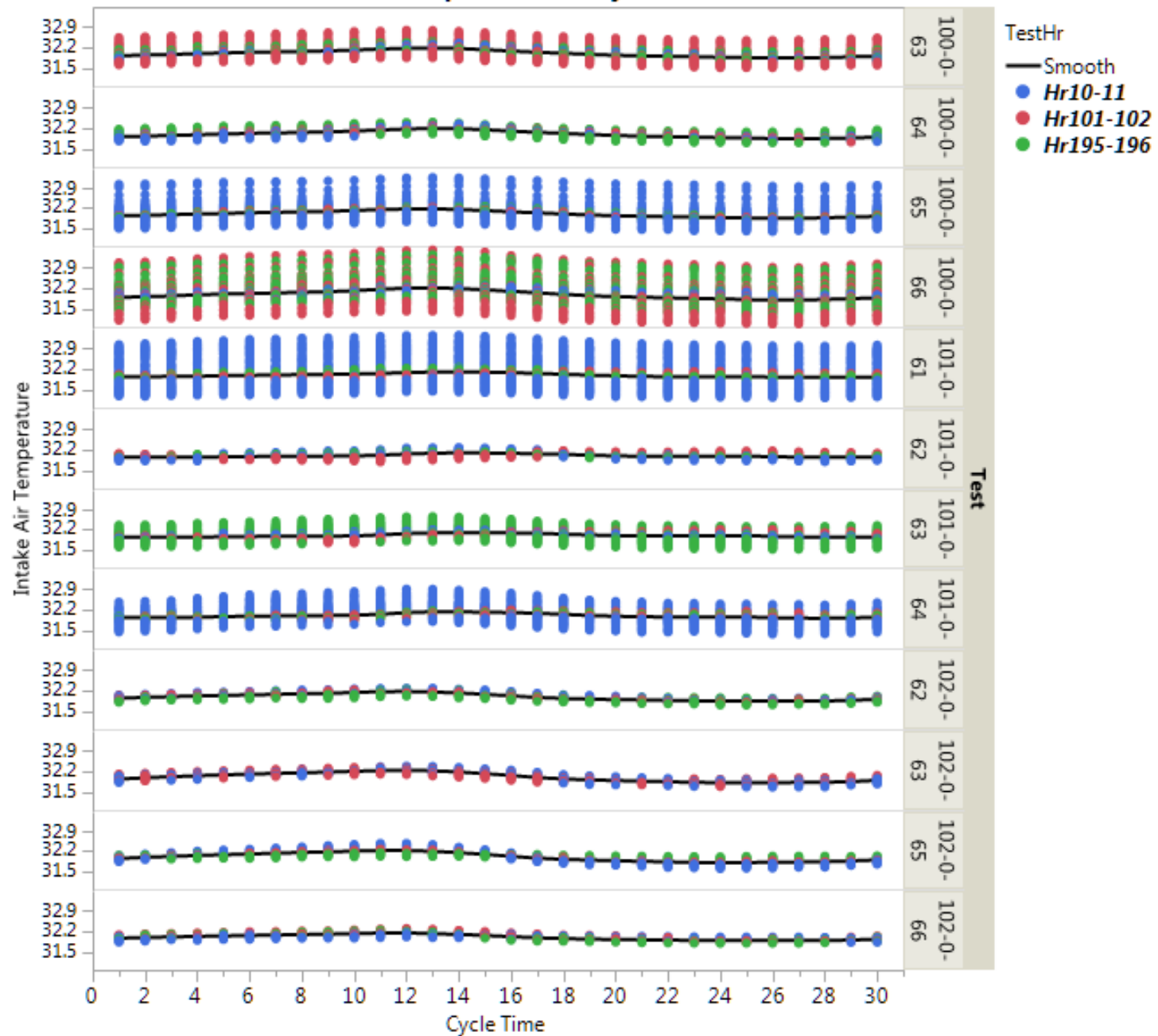
Intake Air Pressure vs. Cycle Time



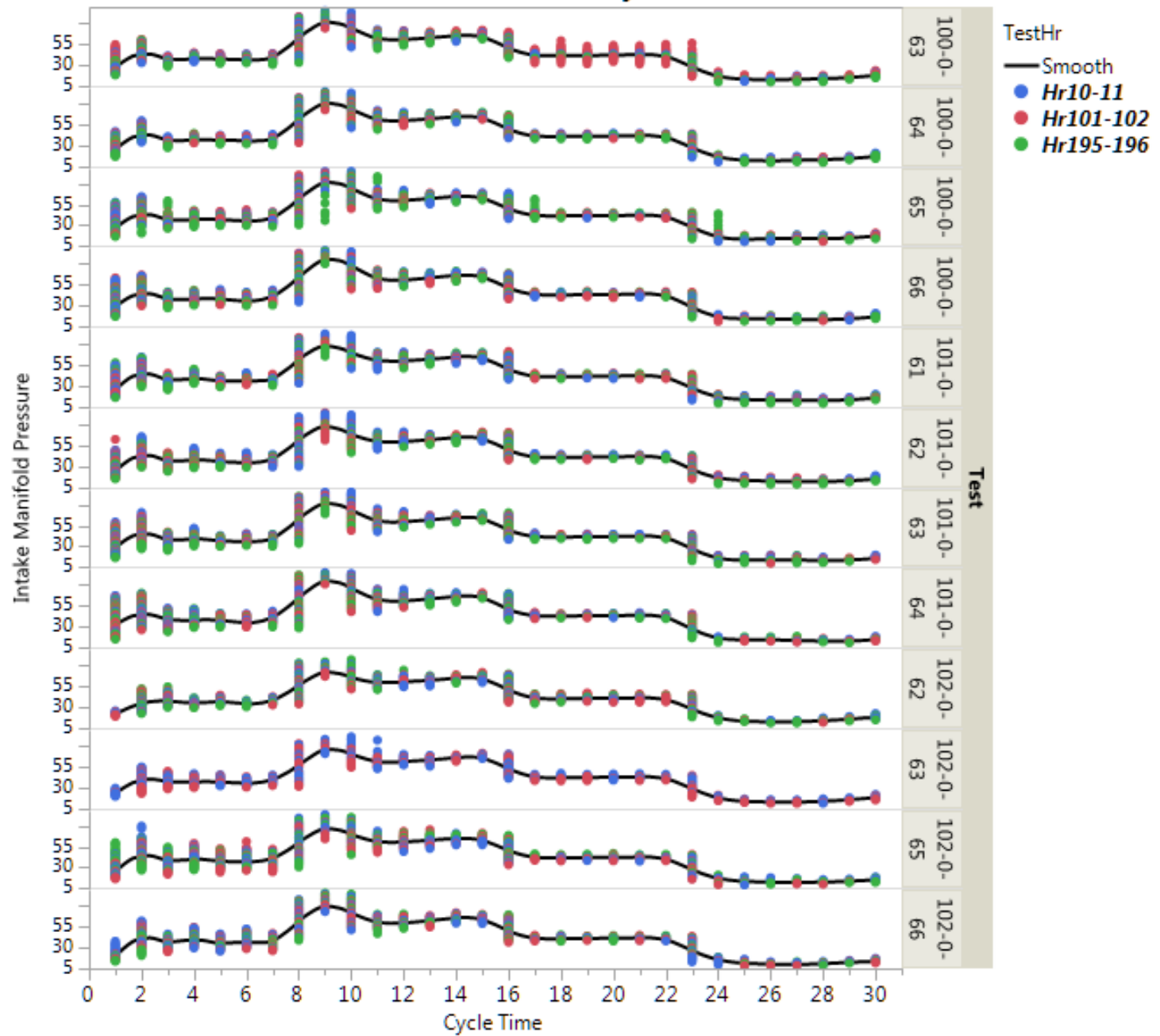
Intake Air Temperature 2 vs. Cycle Time



Intake Air Temperature vs. Cycle Time



Intake Manifold Pressure vs. Cycle Time

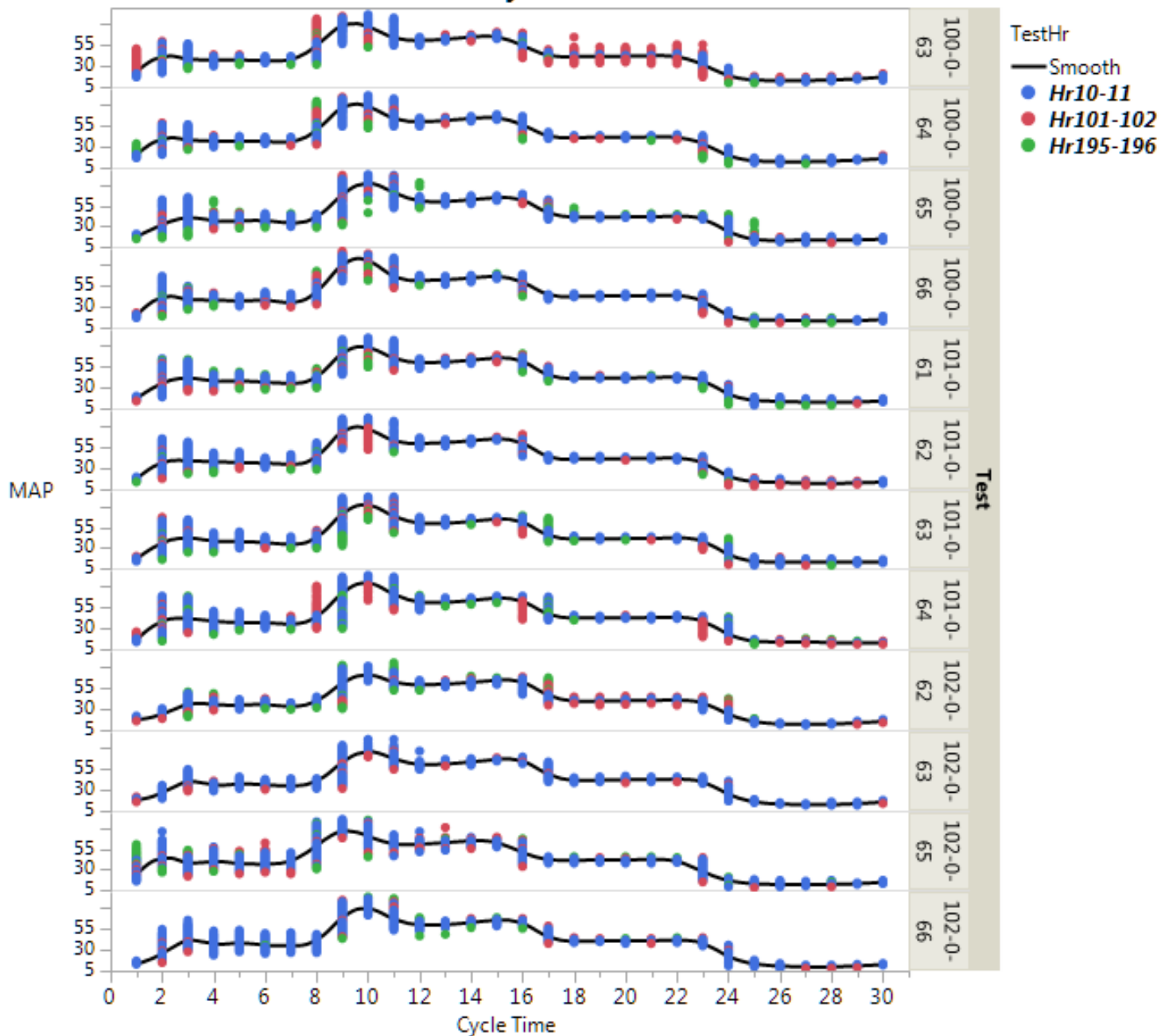


Where(LAB = Intertek)

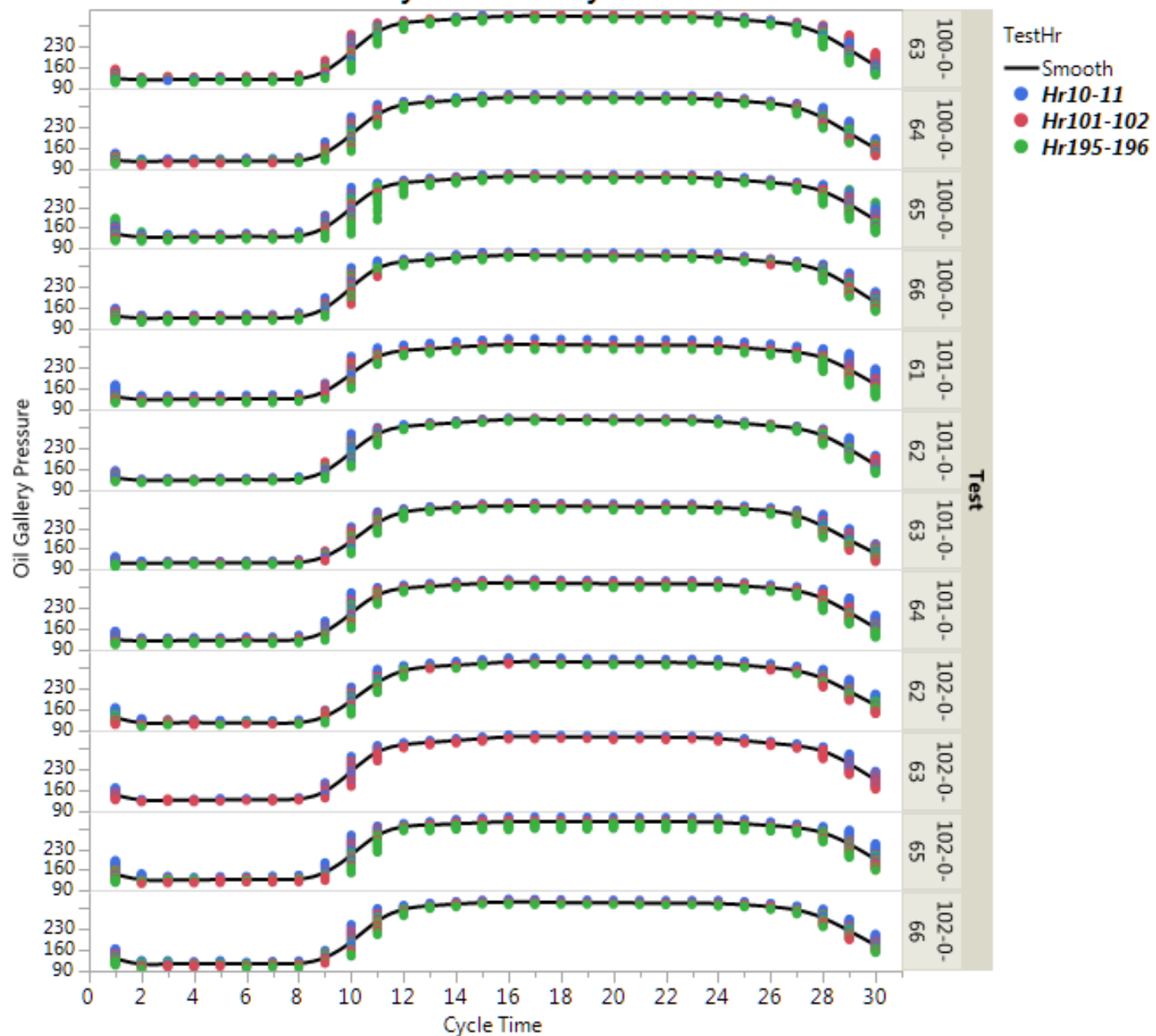
Load Cell Temperature vs. Cycle Time



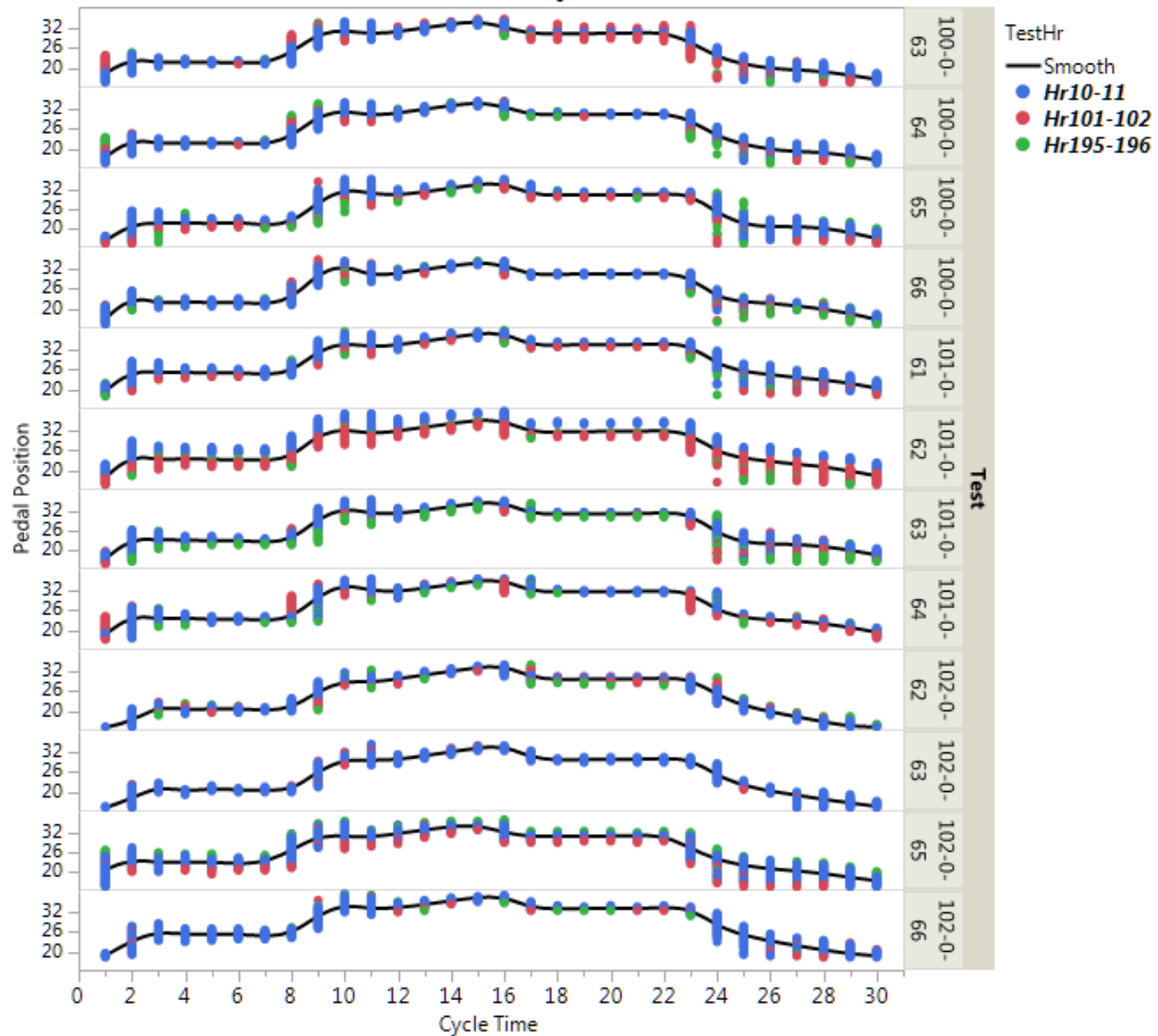
MAP vs. Cycle Time



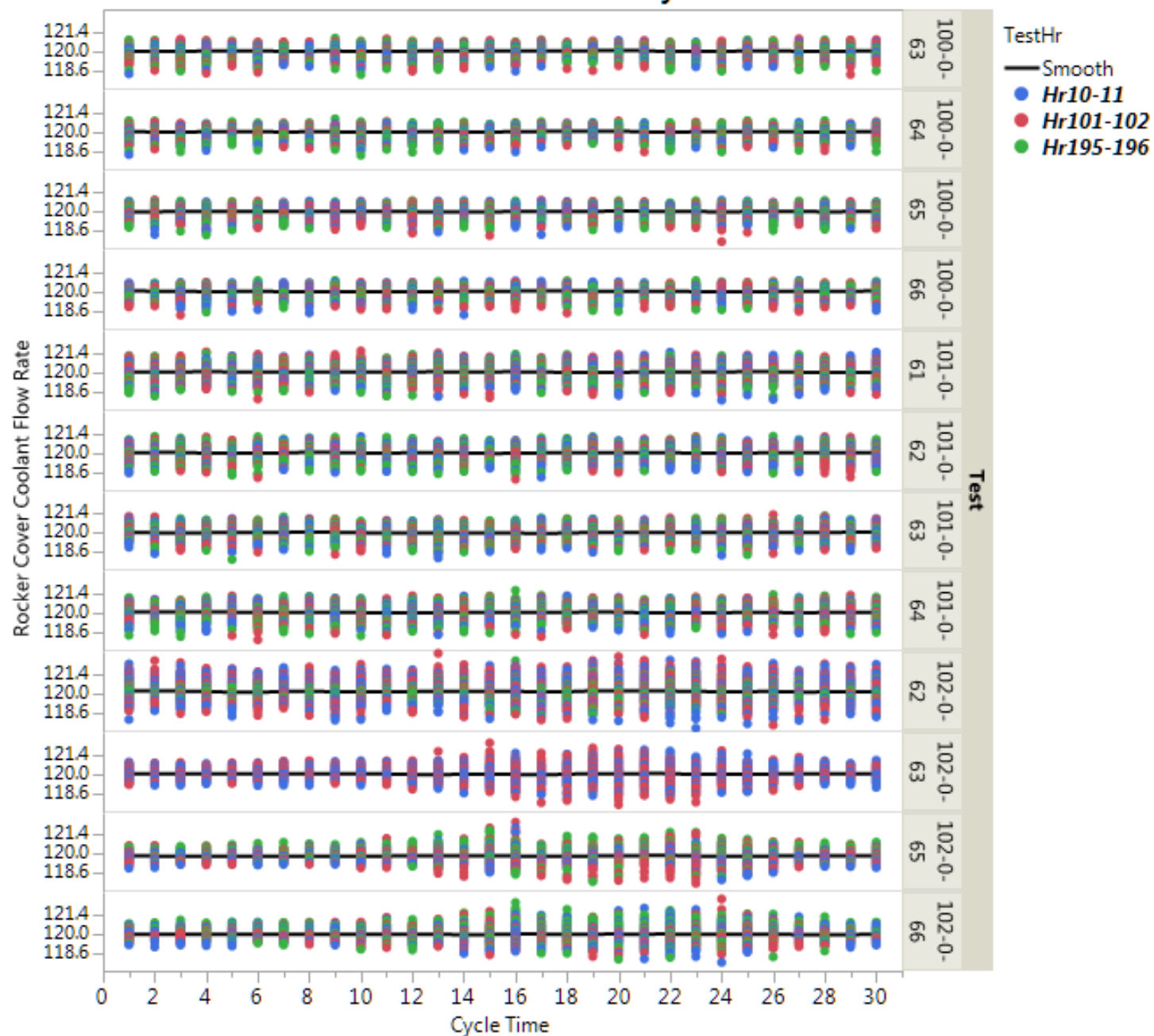
Oil Gallery Pressure vs. Cycle Time



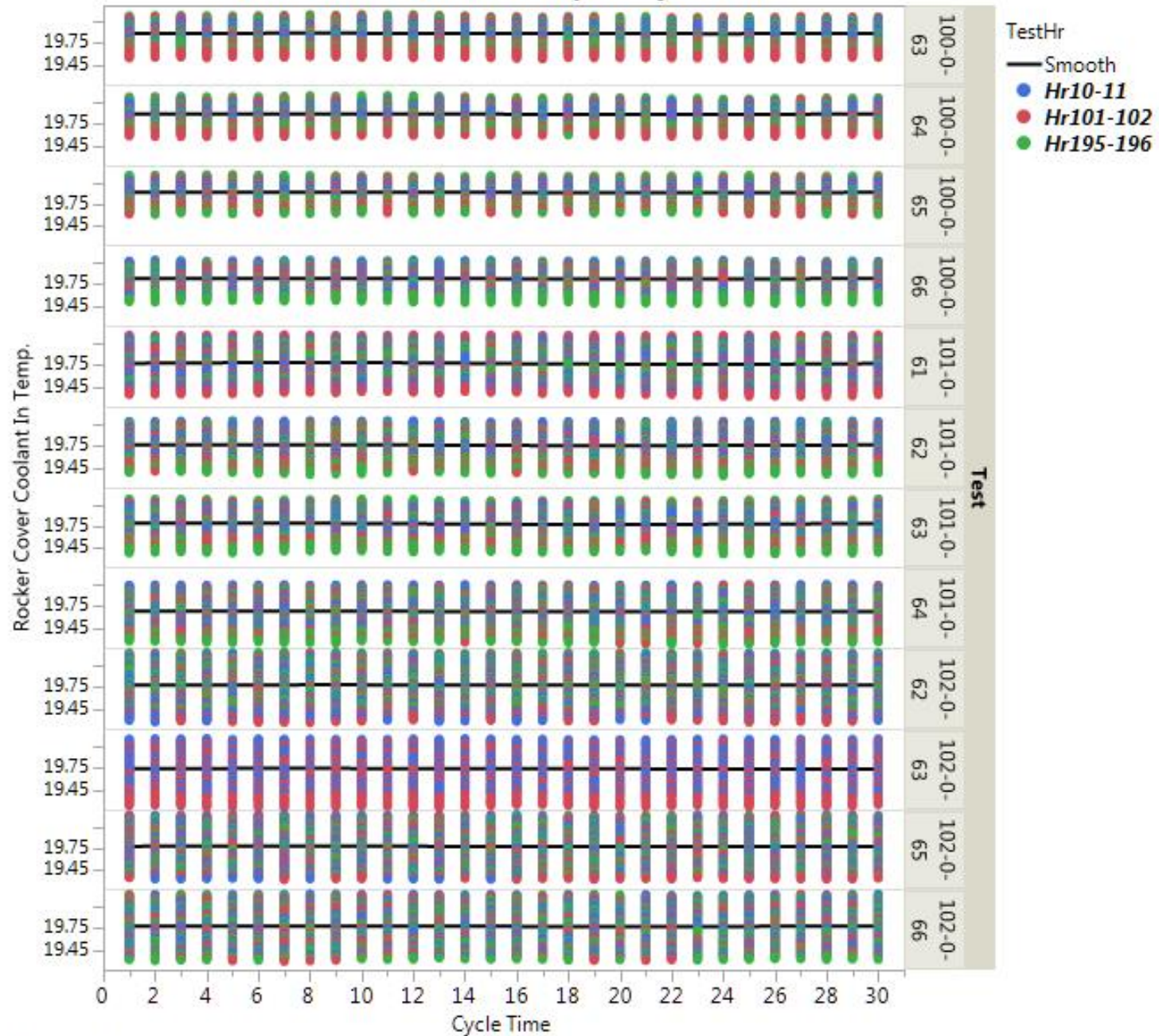
Pedal Position vs. Cycle Time



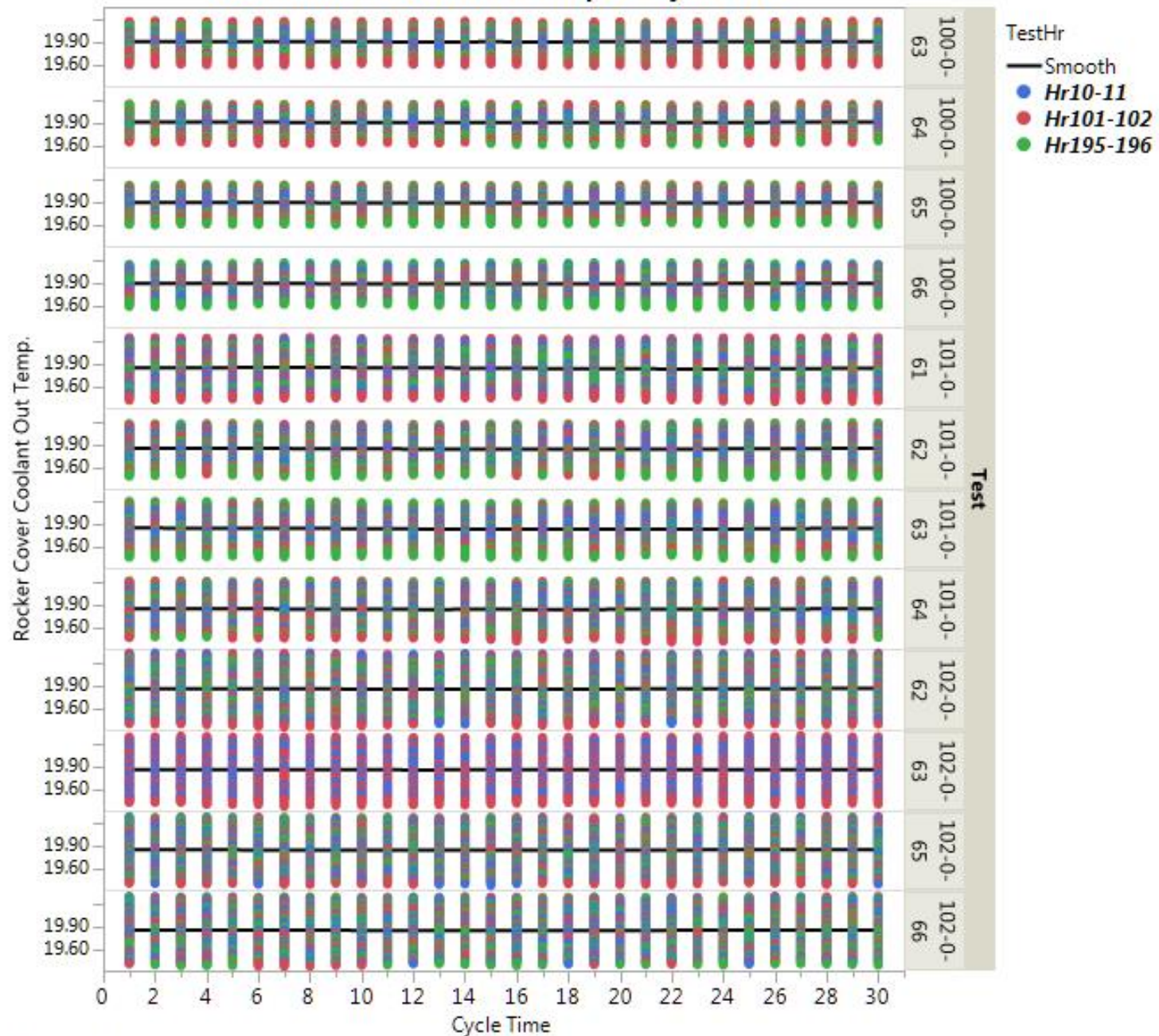
Rocker Cover Coolant Flow Rate vs. Cycle Time



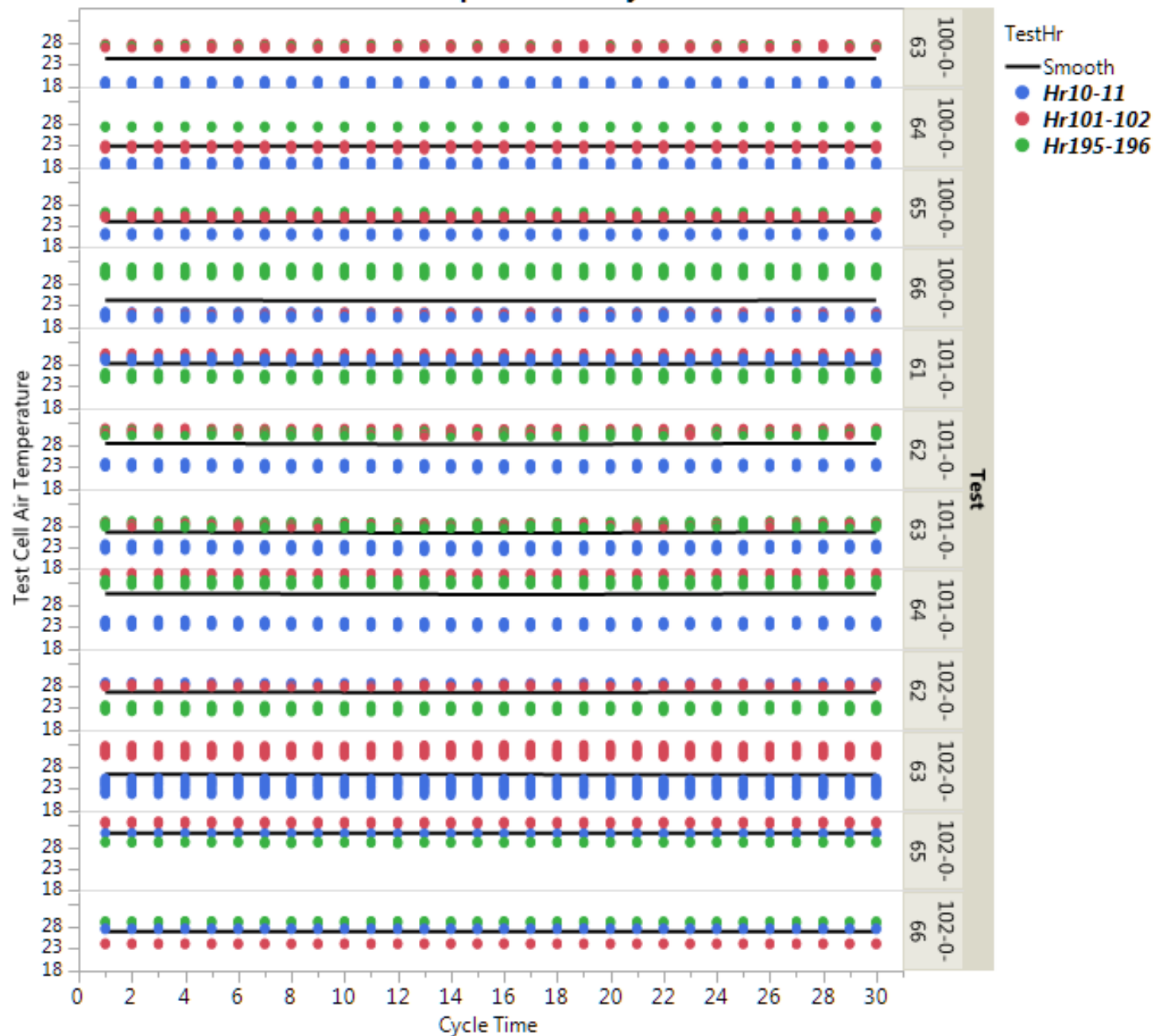
Rocker Cover Coolant In Temp. vs. Cycle Time



Rocker Cover Coolant Out Temp. vs. Cycle Time



Test Cell Air Temperature vs. Cycle Time



Total Fuel Used vs. Cycle Time

