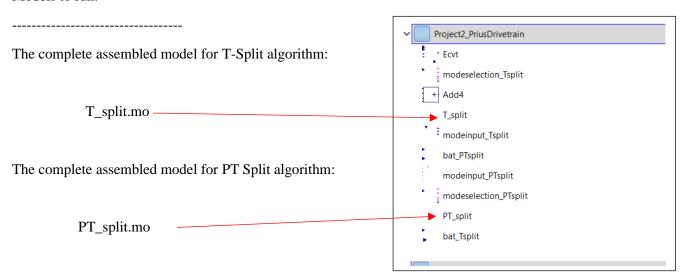
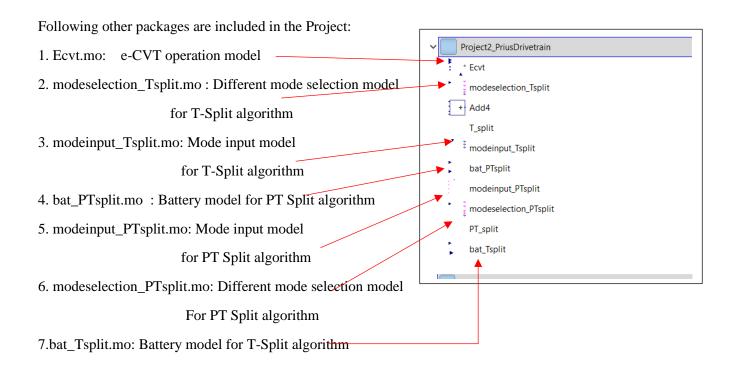
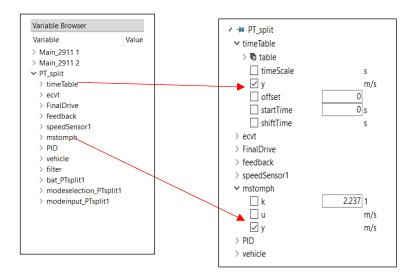
Model Name: Project-2_PriusDrivetrain

Models to run:



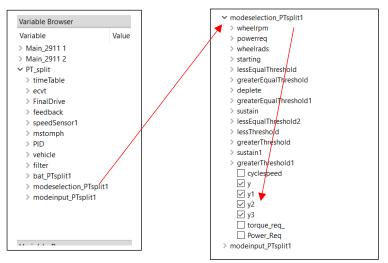


1. Drive Cycle Tracing:



The value of y is actually in mph, as they are converted inside model using a gain value

2. Different Modes vs Time



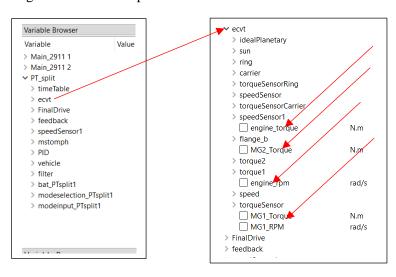
y = Starting mode

y1 = Deplete mode

y2 = Sustain mode

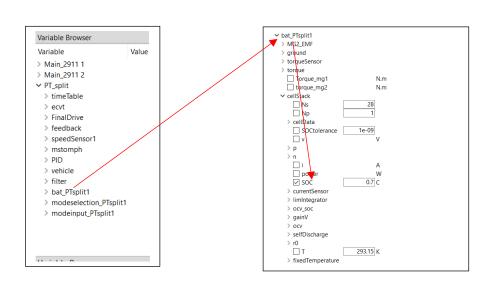
y3 = Regeneration mode

3. Engine and MG2 Output vs Time:



Ring and Carrier Speed can be plotted from PT_split→ecvt→ring or carrier

4. Battery SOC vs Time:



Similarly, plots can be obtained for other algorithm.