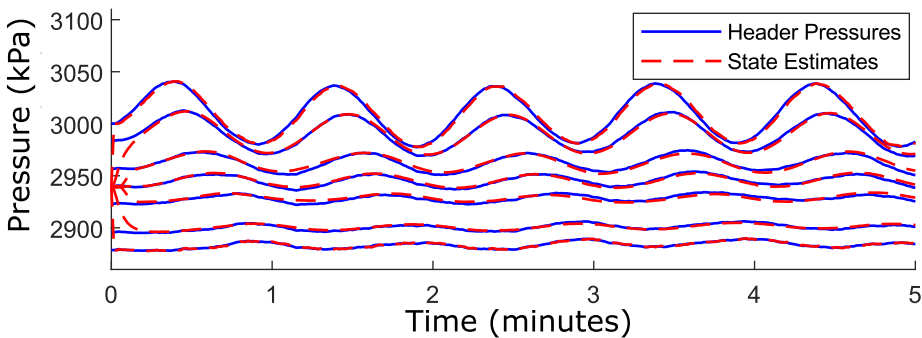
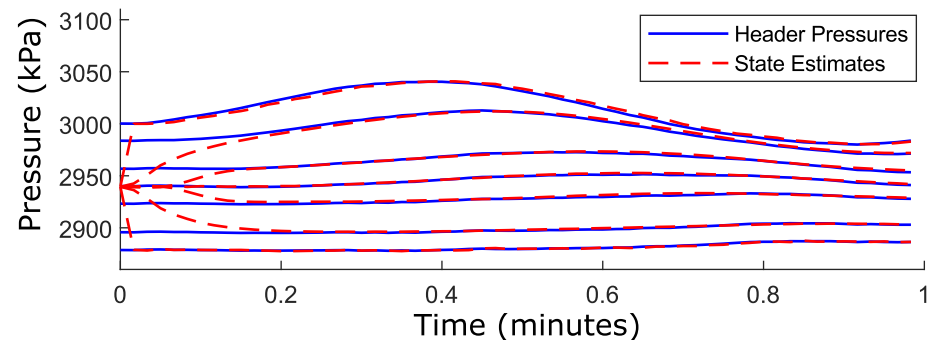
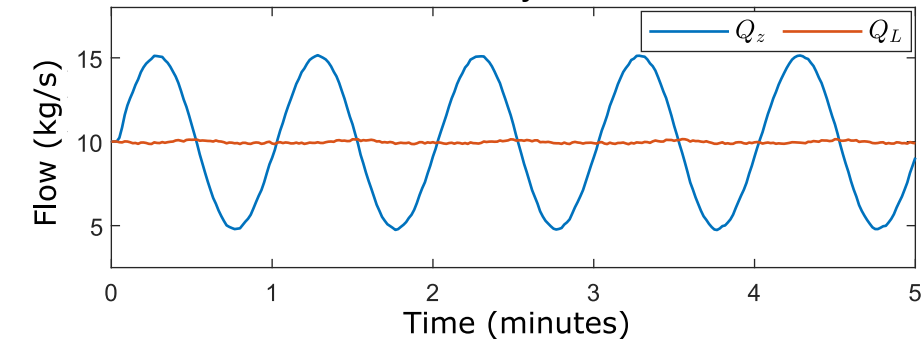


**Pressure state estimates****Zoomed in state estimates****Flow boundary conditions****State estimation errors**