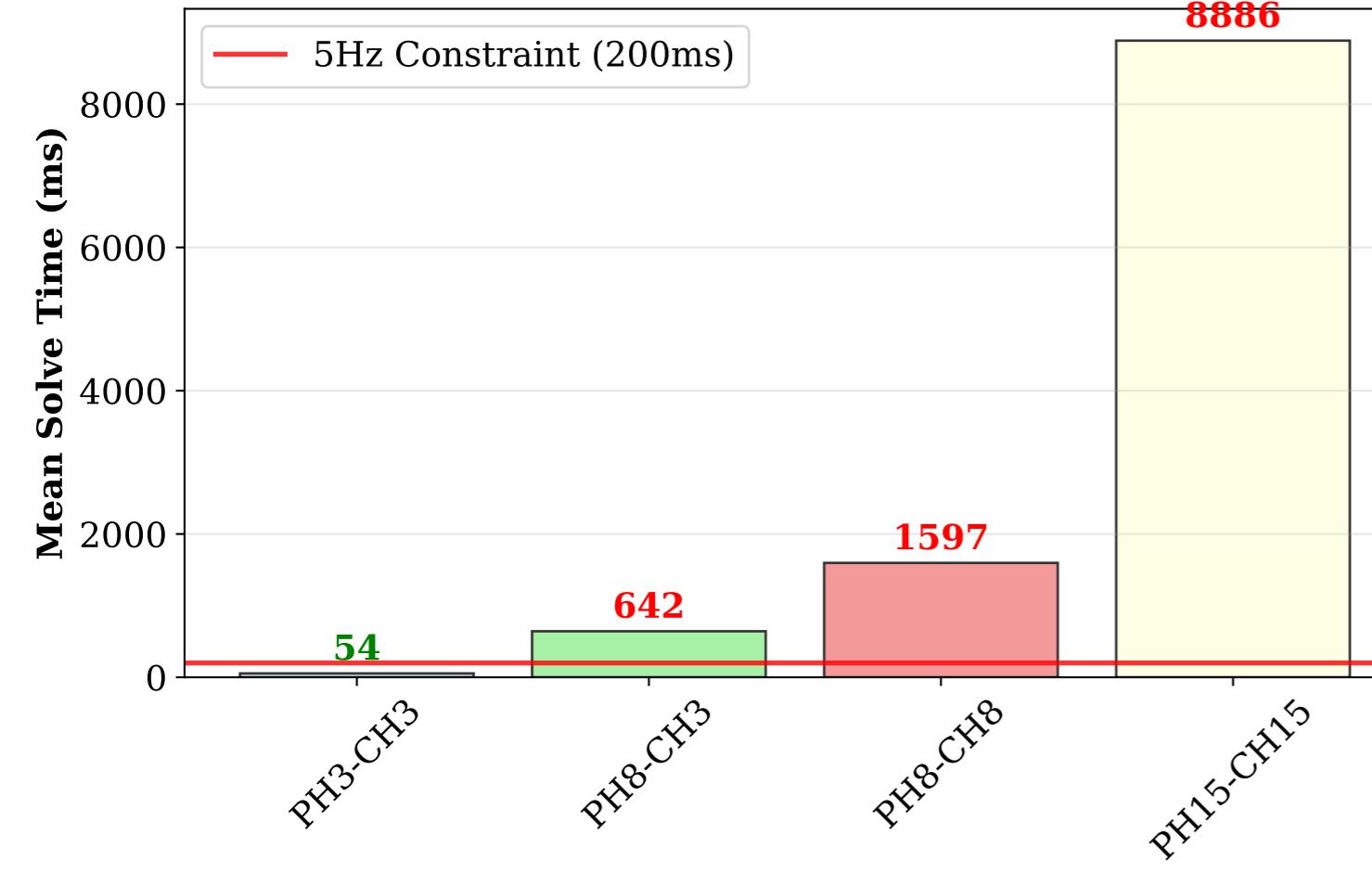
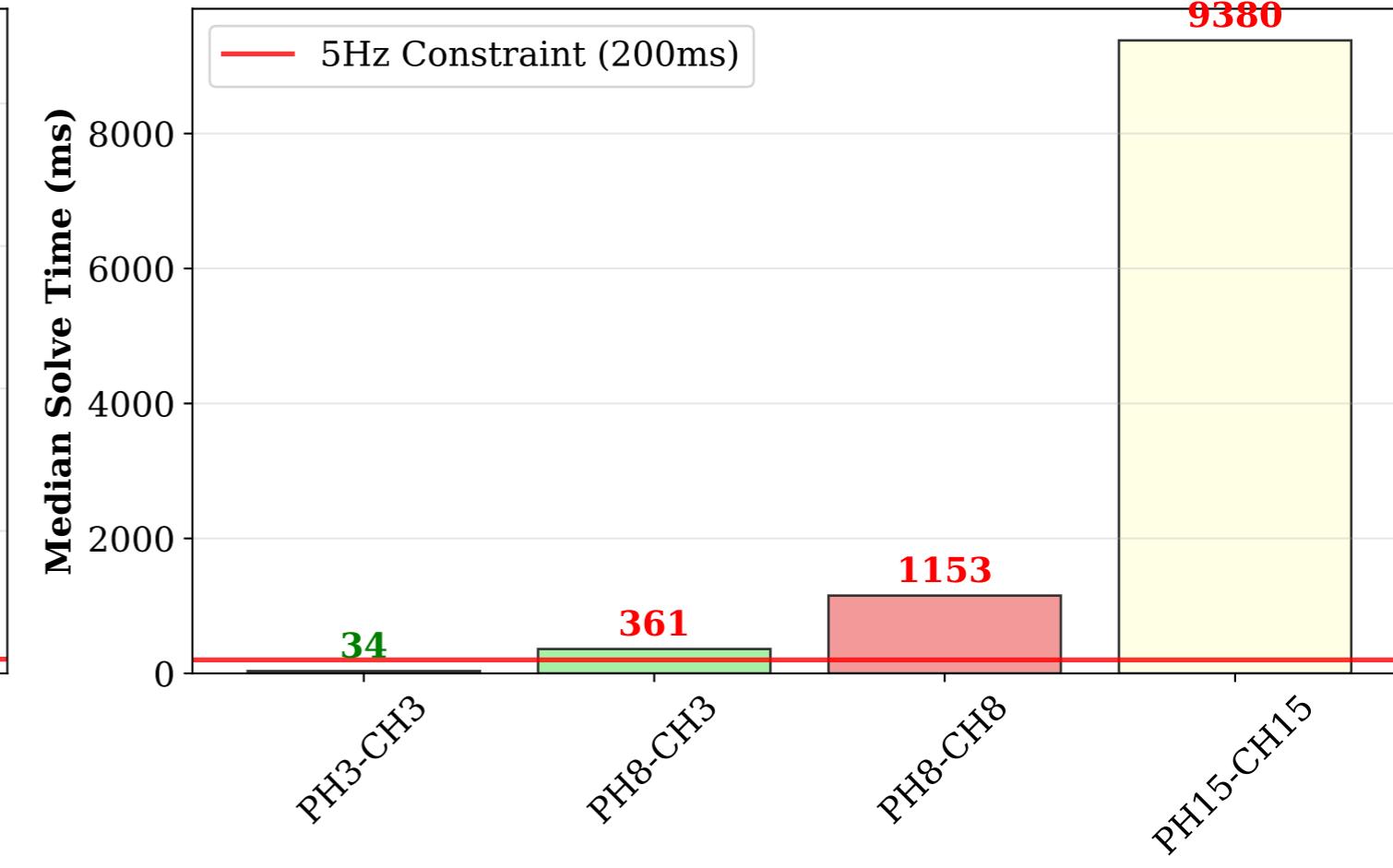


MPCC Solver Performance Comparison for 5Hz Real-time Control Across Different Horizon Configurations

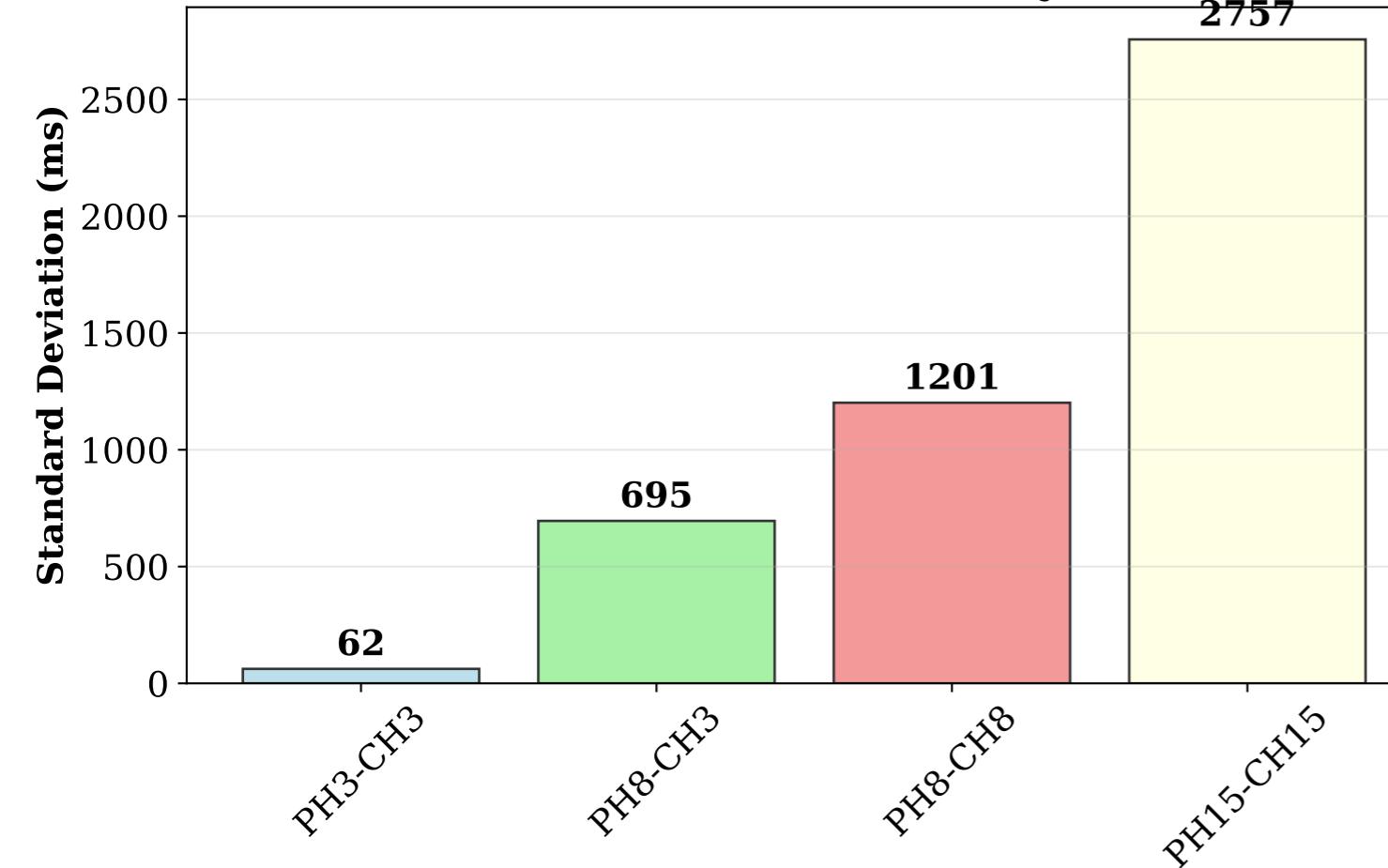
Mean Solve Time vs 5Hz Constraint



Median Solve Time vs 5Hz Constraint



Solve Time Variability



5Hz Real-time Performance ($\leq 100\text{ms}$)

