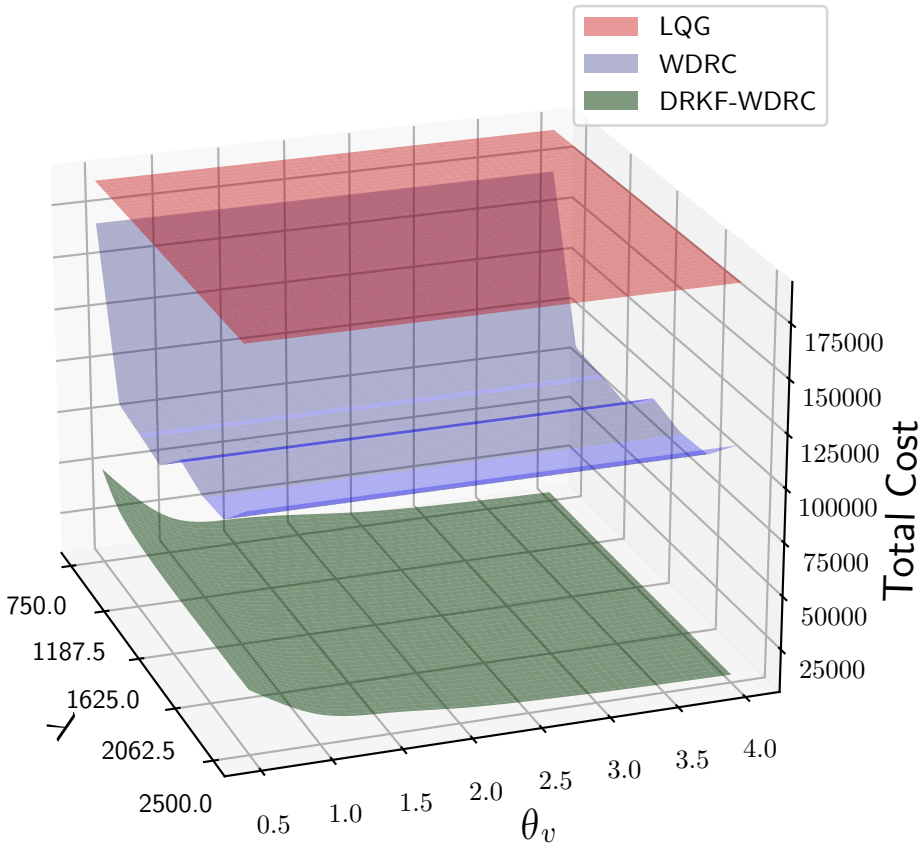normal system disturbance, normal observation noise