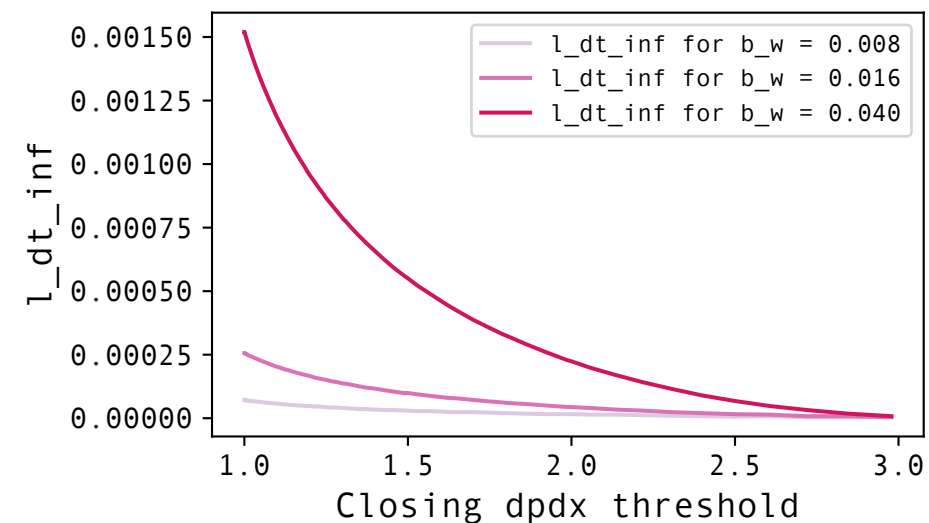
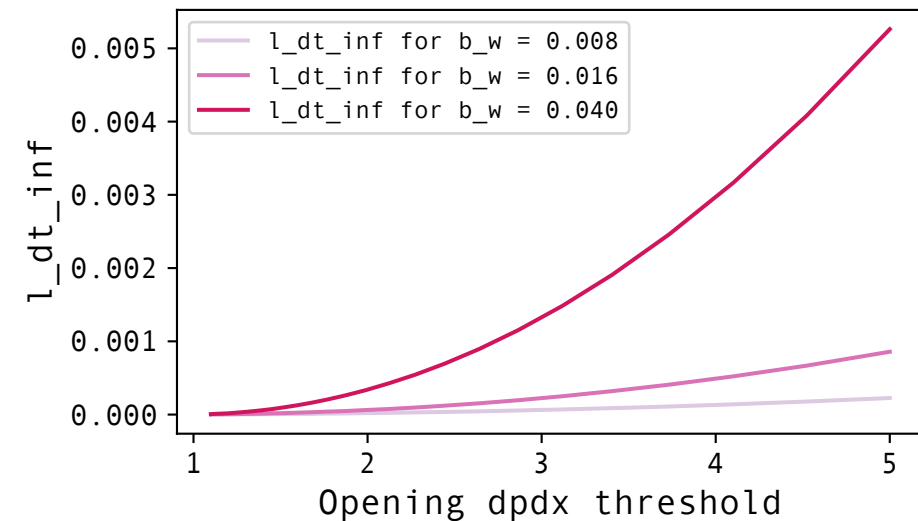
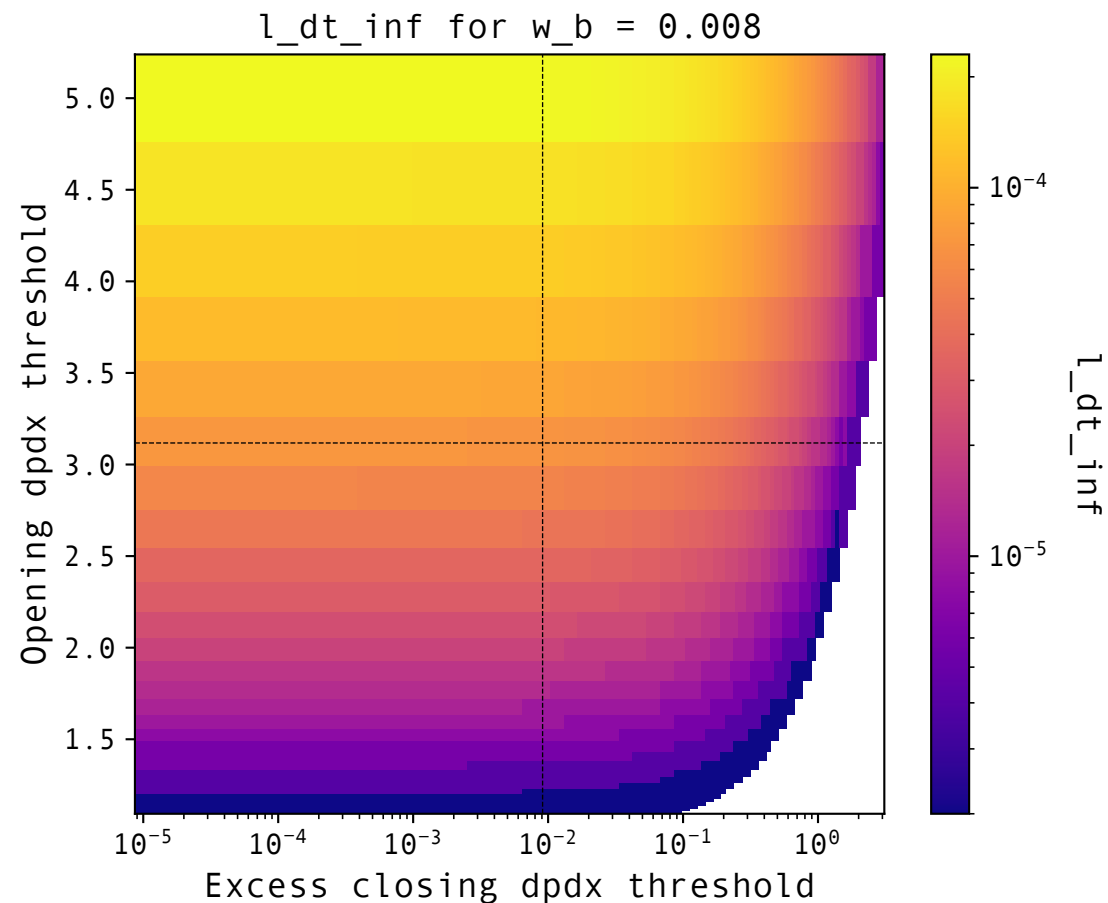


Dynamics of an isolated valve

Q_{bound}

(b) Results: *last loading period (l_{dt_inf})*



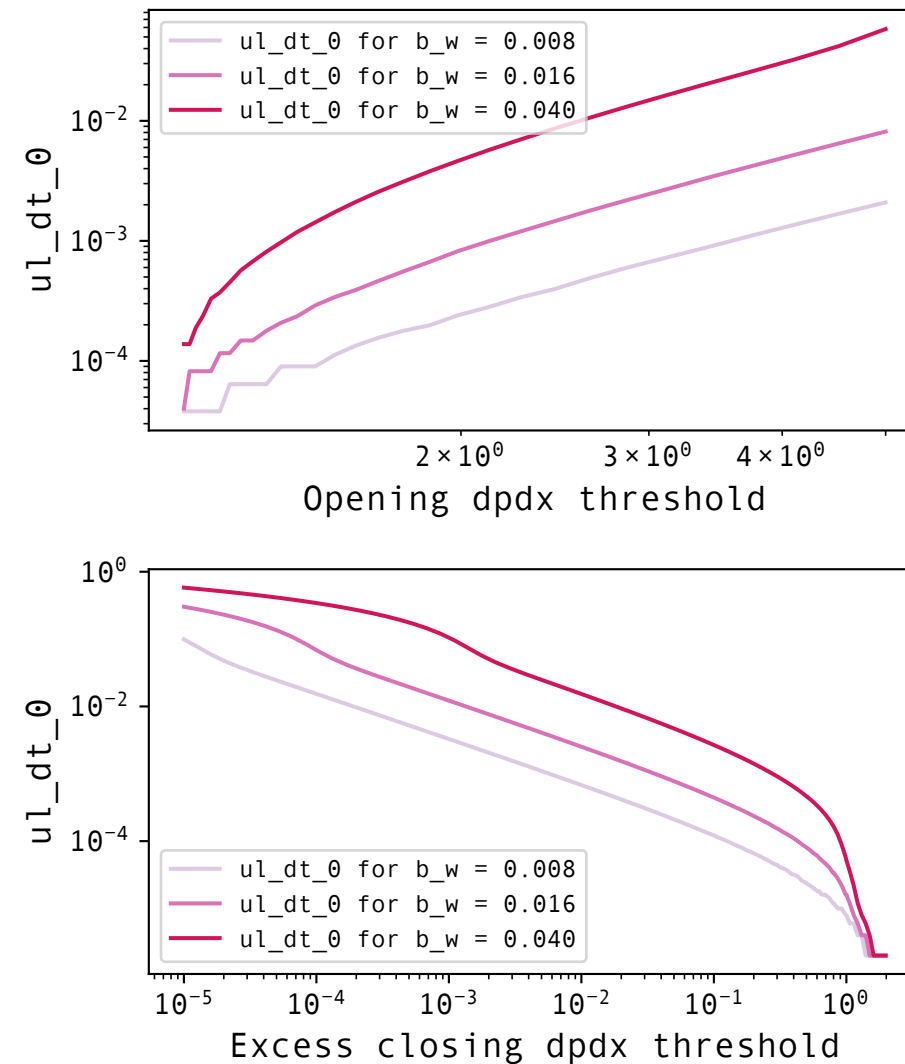
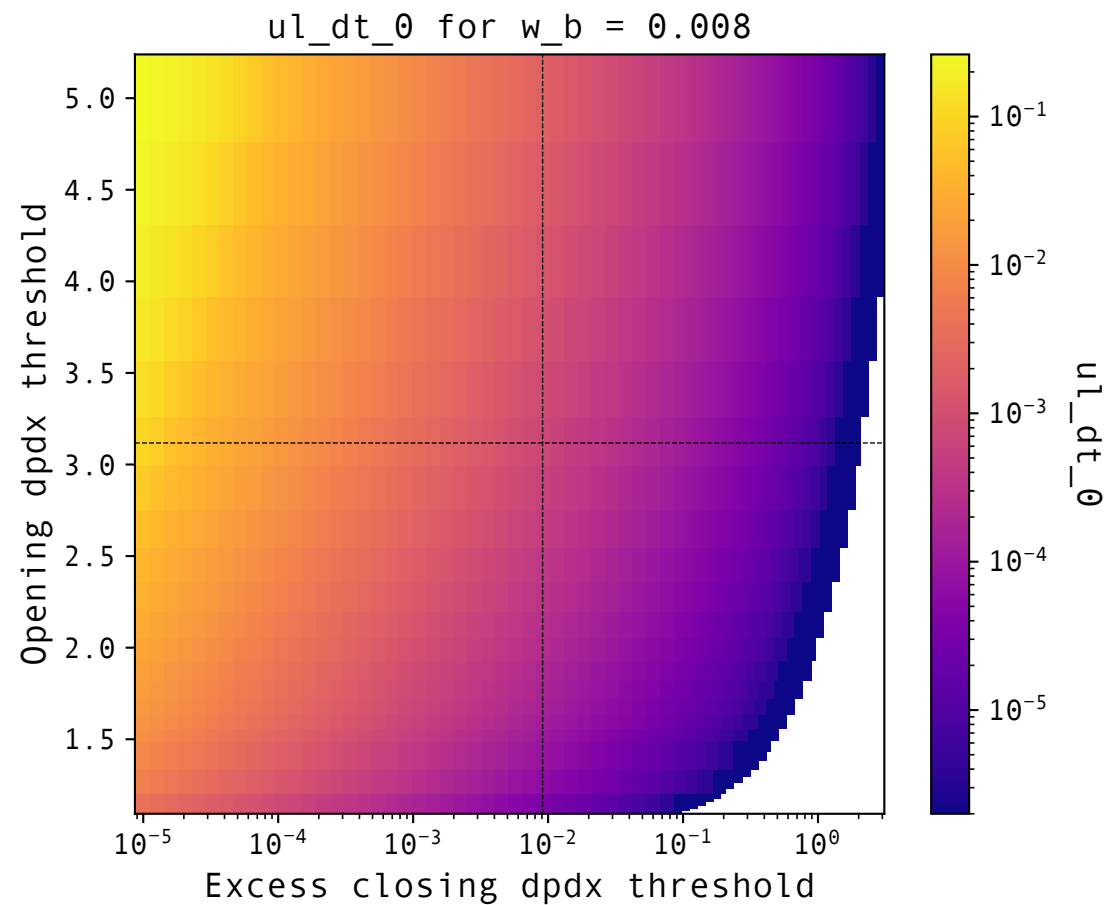
Observations:

- 1/** The higher the opening threshold, the longer the loading dt
- 2/** The higher the closing threshold, the shorter the loading dt (for a fixed opening thr, the further apart op/cl thr are, the longer the loading)
- 3/** The wider the barrier, the longer the loading.

Dynamics of an isolated valve

Q_{bound}

(b) Results: *first unloading period* (ul_dt_0)



Observations:

- 1/ The higher the opening threshold, the longer the unloading dt
- 2/ The higher the closing threshold, the shorter the loading dt.
- 3/ The wider the barrier, the longer the unloading.