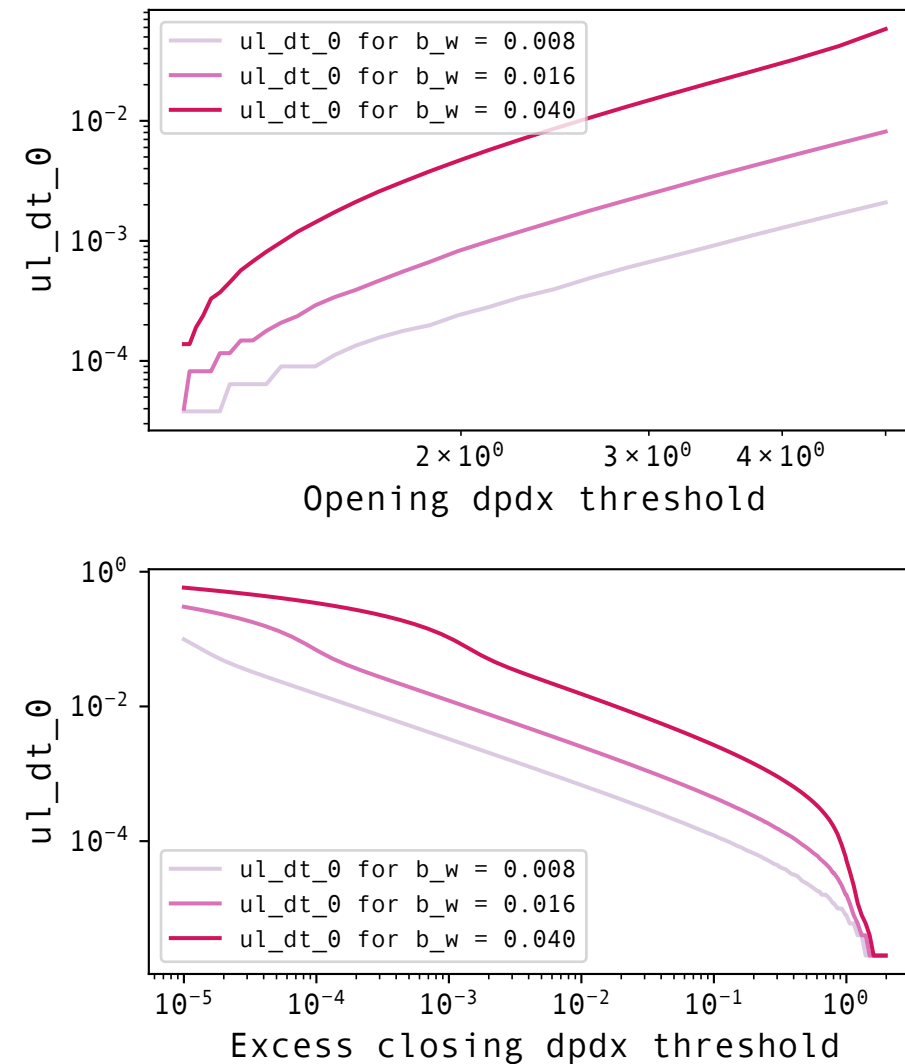
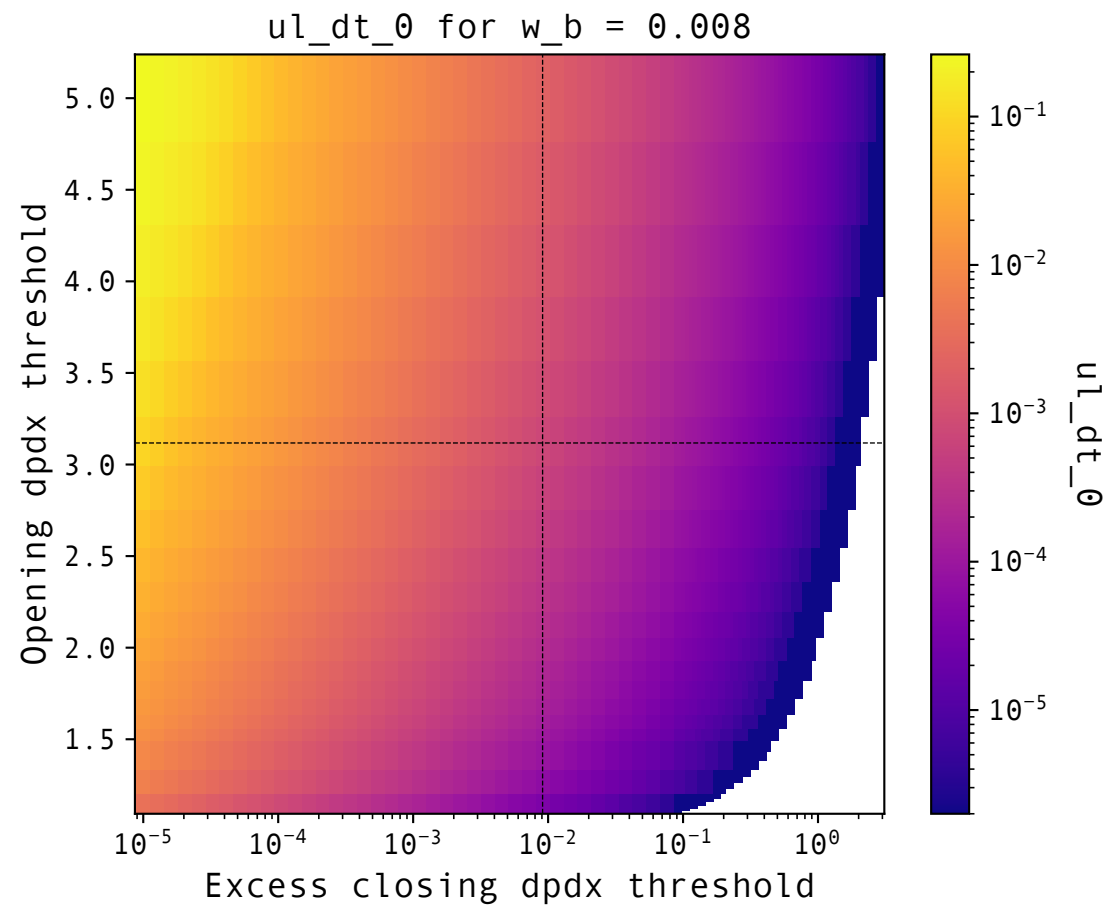


Dynamics of an isolated valve

Q_{bound}

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



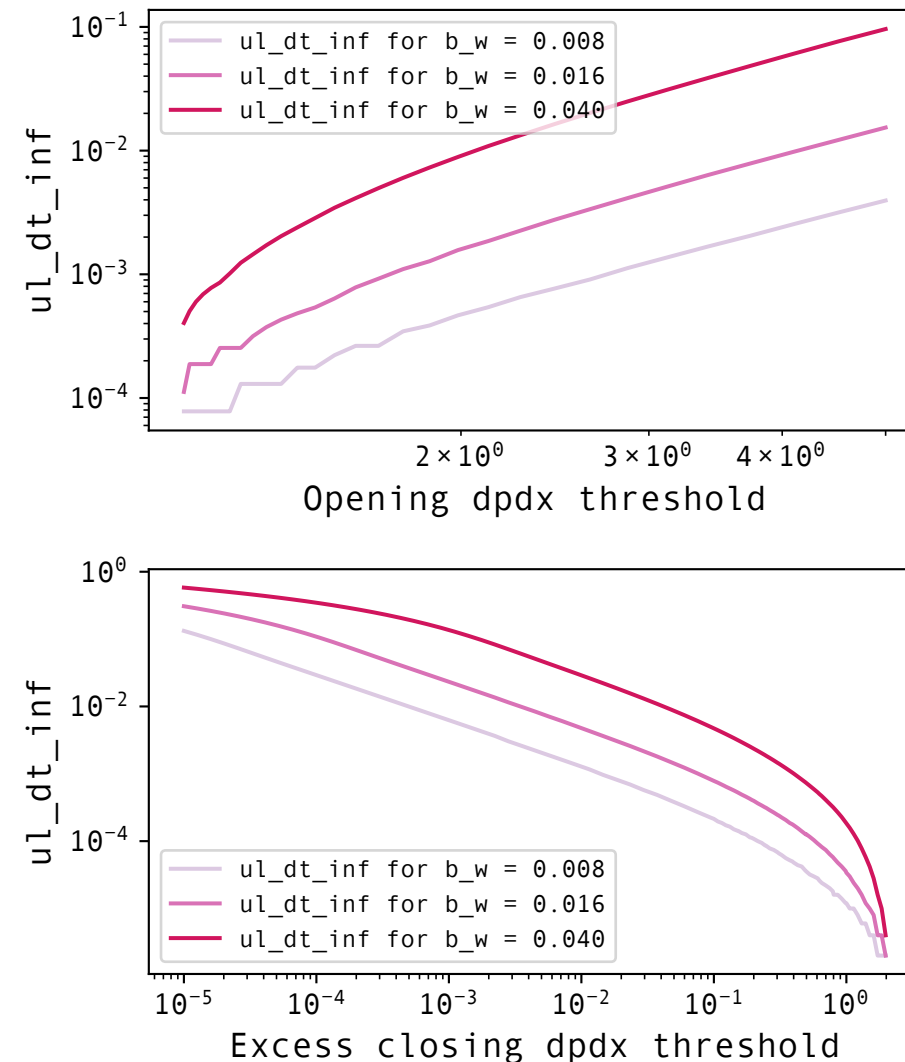
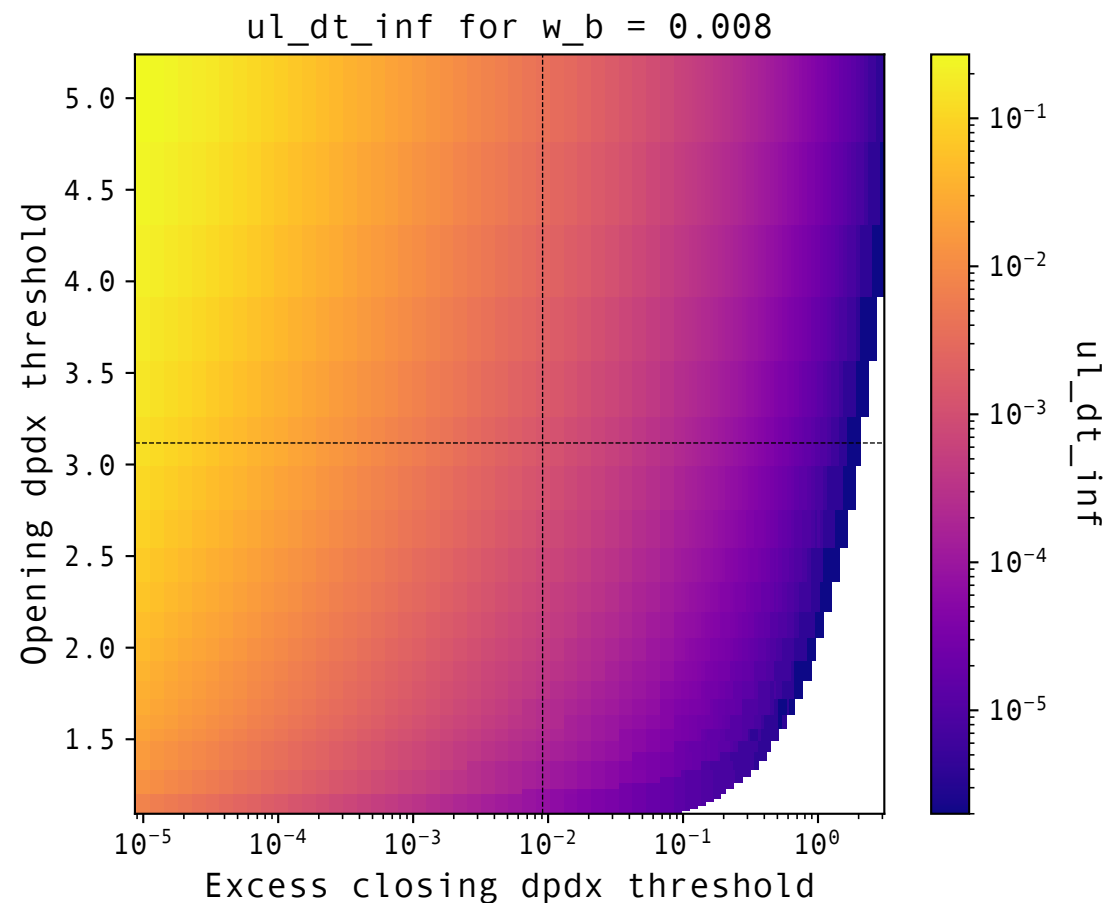
Observations:

- 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.

Dynamics of an isolated valve

Q_{bound}

(b) Results: *last unloading period (ul_dt_inf)*



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.