FR drift speed/time

Brett Viren

April 15, 2021

Topics

- Illustrate drift speed and time for FP's FRs

Drift speed

For each response, we make a per plane **drift speed** from individual steps

- plot path vs step time
- 12 paths per each common row across a strip
- nominal 6 rows but some induction plane responses have only 4 rows

Exhaustive list of all responses showing full drift for each response.
Then, another list showing a zoom-in to the tail ends.

Responses

Paths:

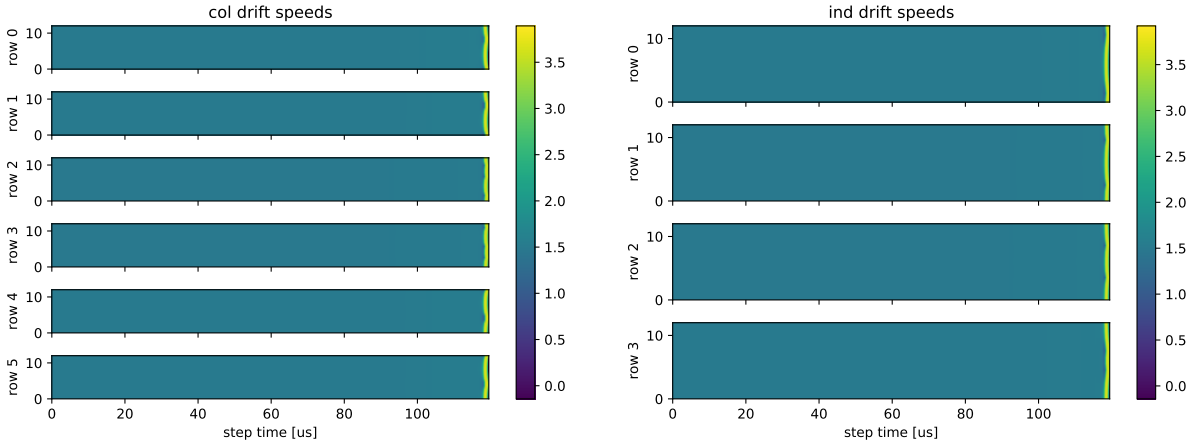
- begin at 200mm
- steps at 500ns

views	hole (mm)	col (mm)	ind (mm)	ang(deg)	end(mm)
2	2.0	5.0	5.0	90	16.7
2	2.5	5.0	5.0	90	16.7
3	2.3	4.9	7.35	120	13.6
3	2.4	5.0	7.4	120	13.6

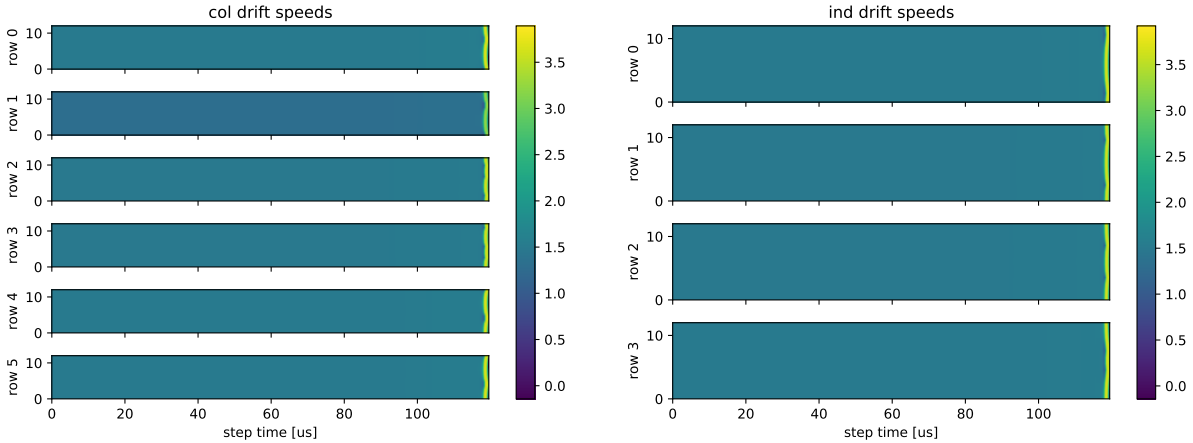
File names:

- `dv-2000v-h2mmX`, $X \in \{0, 5\}$
- `reference3views-h2mmX`, $X \in \{3, 4\}$

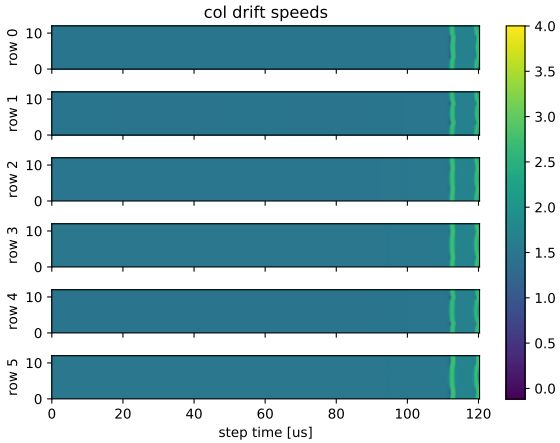
dv-2000v-h2mm0

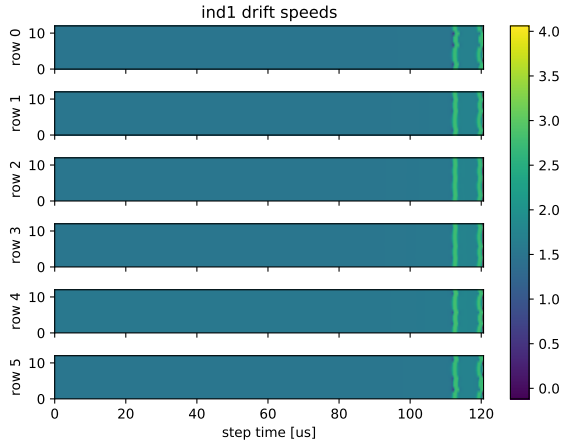


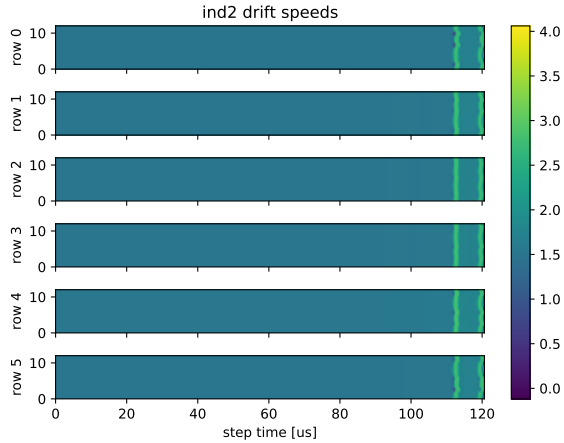
dv-2000v-h2mm5



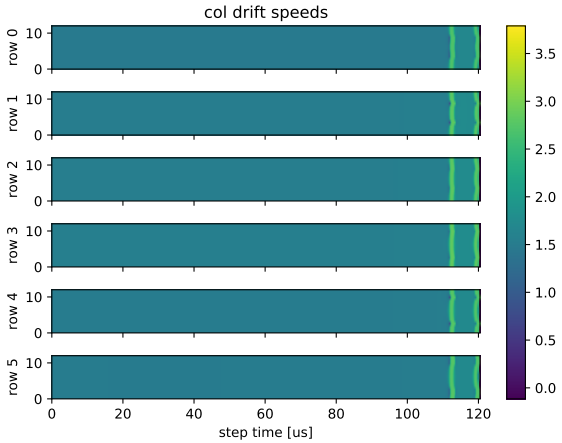
reference3views-h2mm3

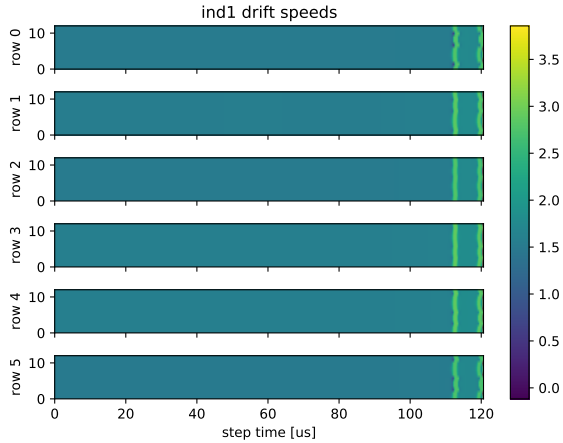


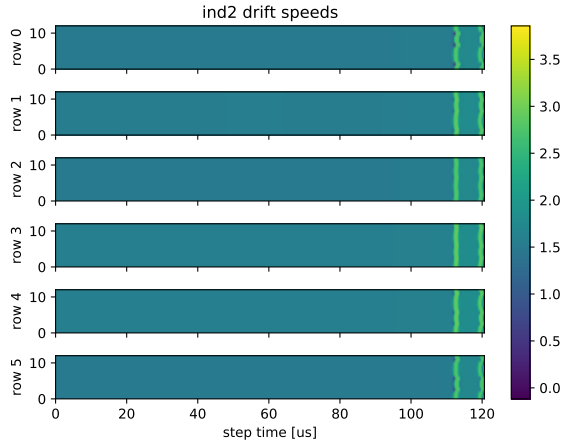




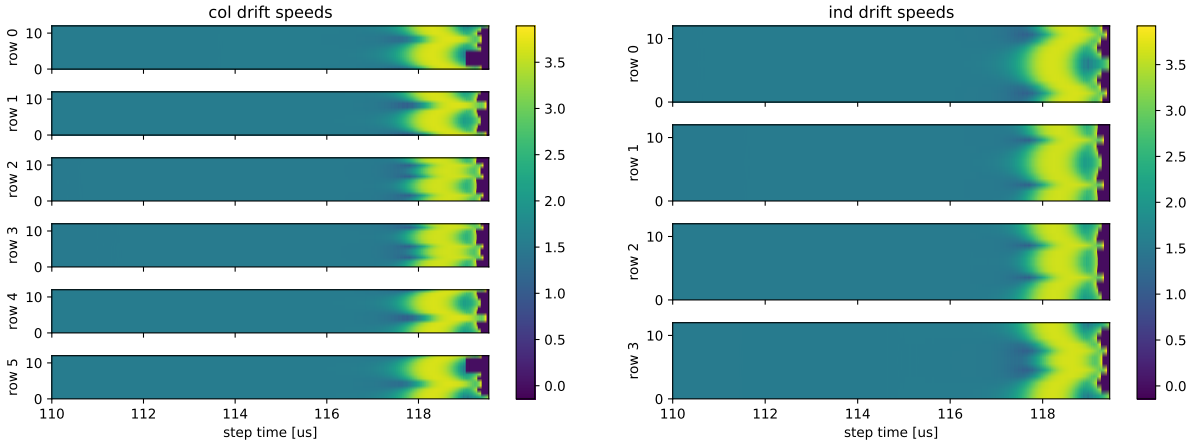
reference3views-h2mm4



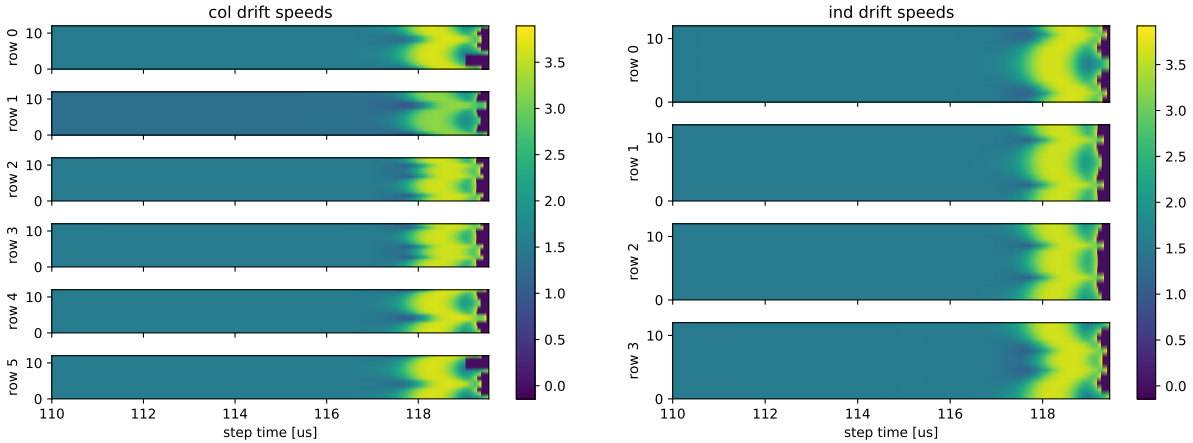




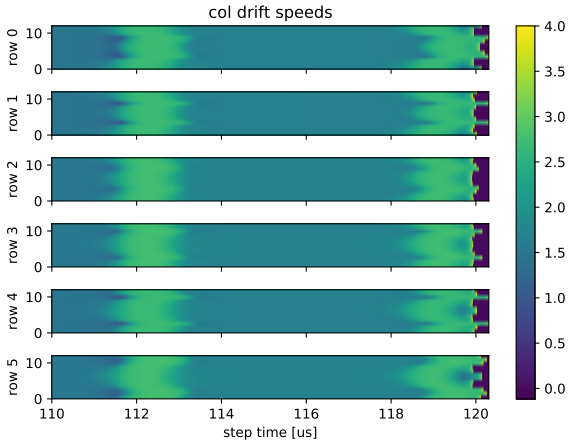
dv-2000v-h2mm0

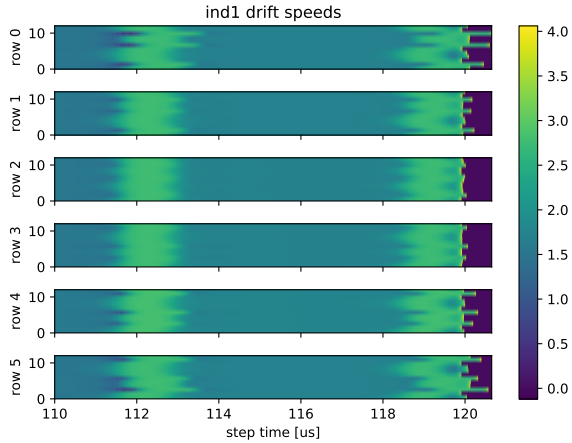


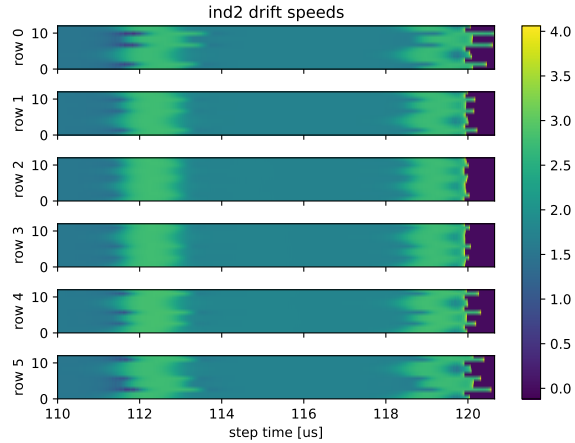
dv-2000v-h2mm5



reference3views-h2mm3







reference3views-h2mm4

