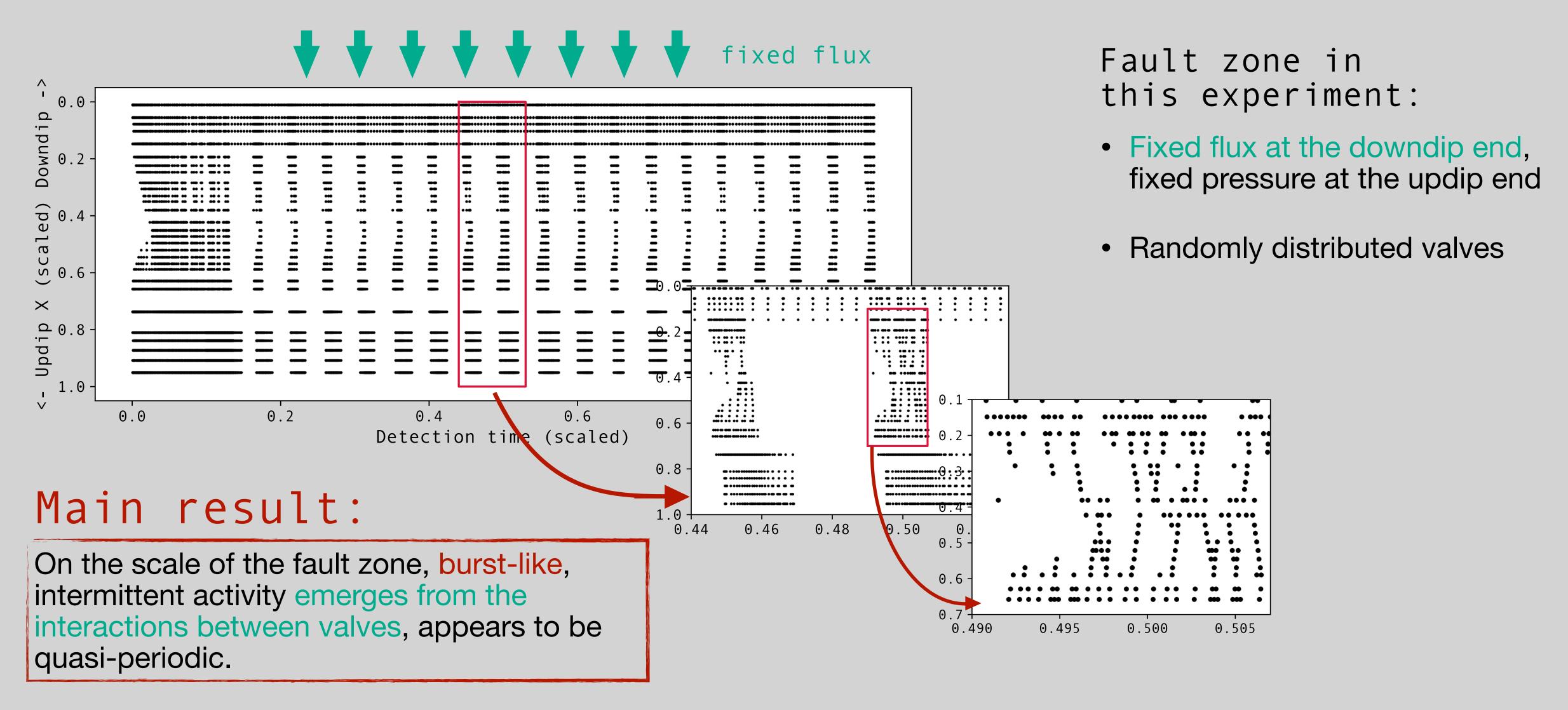
Burst-like patterns of activity emerge from interactions



Take away:

In the data:

• LFE activity is intermittent, and happens in bursts, or cascades of events.

In this model:

- LFE sources are triggered and influence pore-pressure in their surroundings and thus interact with neighboring sources.
- Large-scale, intermittent, burst-like activity emerges from this interaction, only based on pore-pressure diffusion.

Perspectives:

- Refining the fault-valve, especially the healing phase.
- Exploring influence of injected flux (other control variables) on pseudo period.
- Linking activity patterns to variations of permeability/flux variations on the scale of a burst.