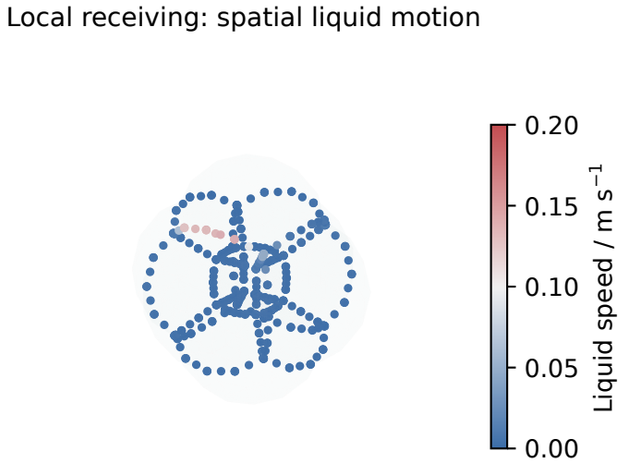
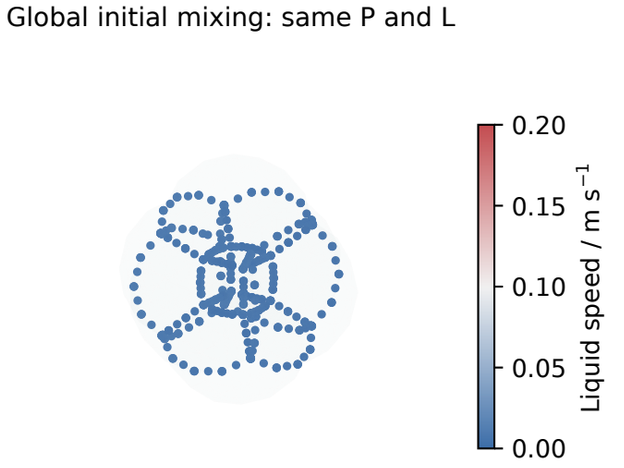
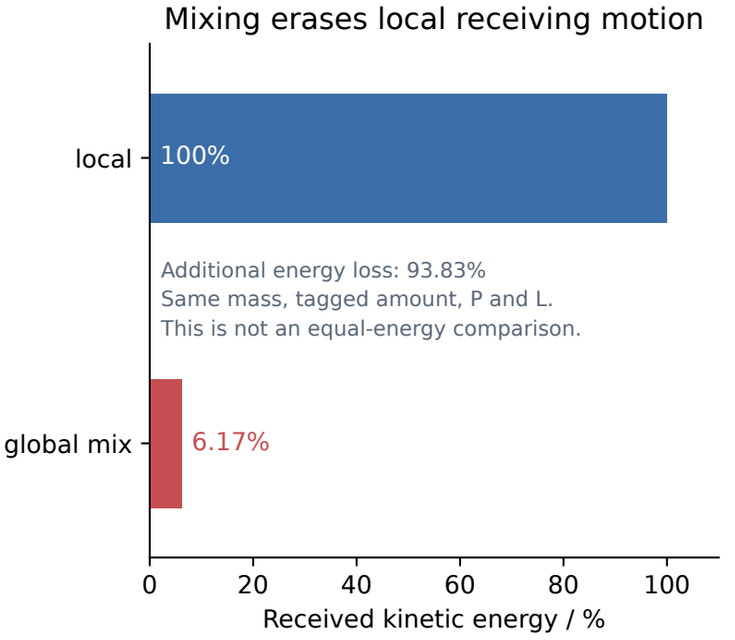
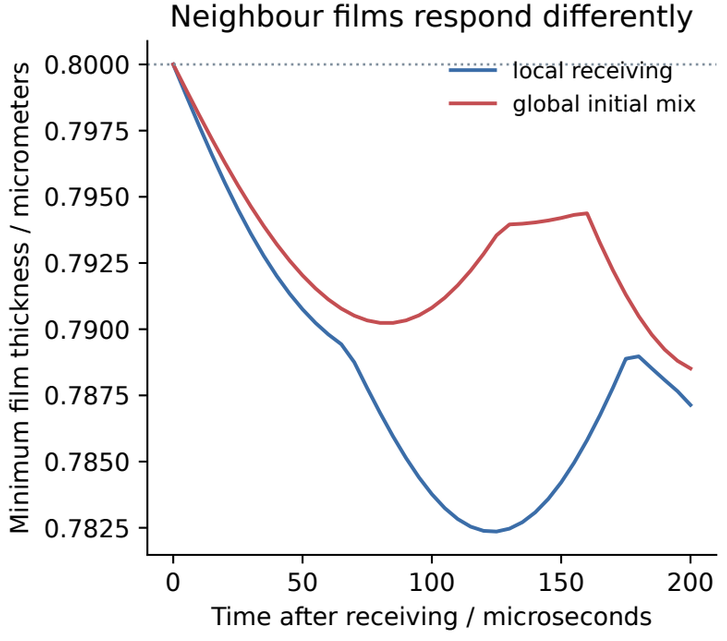
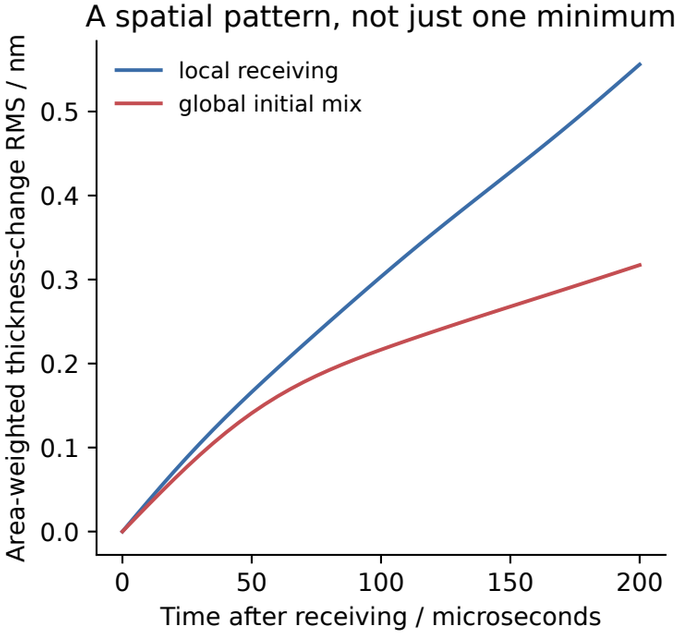
# After a real seven-bubble rim contact: local liquid motion changes the film response




**Supported model: major limits remain**

Preload work reaches 4.20 x
the local received kinetic energy.

Uncalibrated receiving cap.
Inviscid P1/P0 liquid constraints.
No film/border drainage exchange.
No gas feedback or continued rupture.
No free-foam or lifetime prediction.

Actual saved states; identical speed scales and equal spatial axes. No displacement magnification. Response horizon: 0.2 ms.