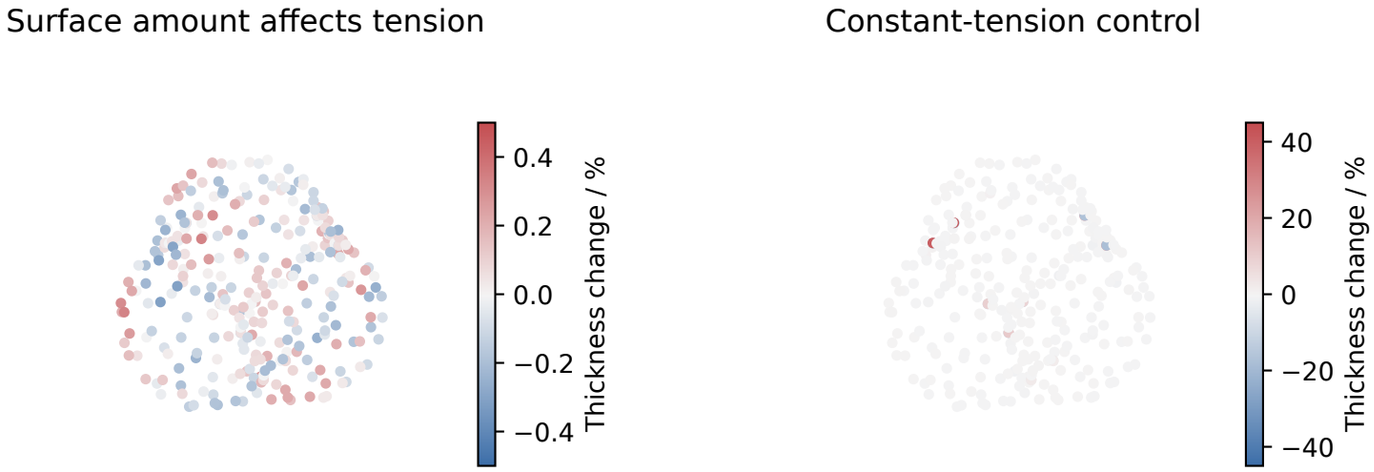
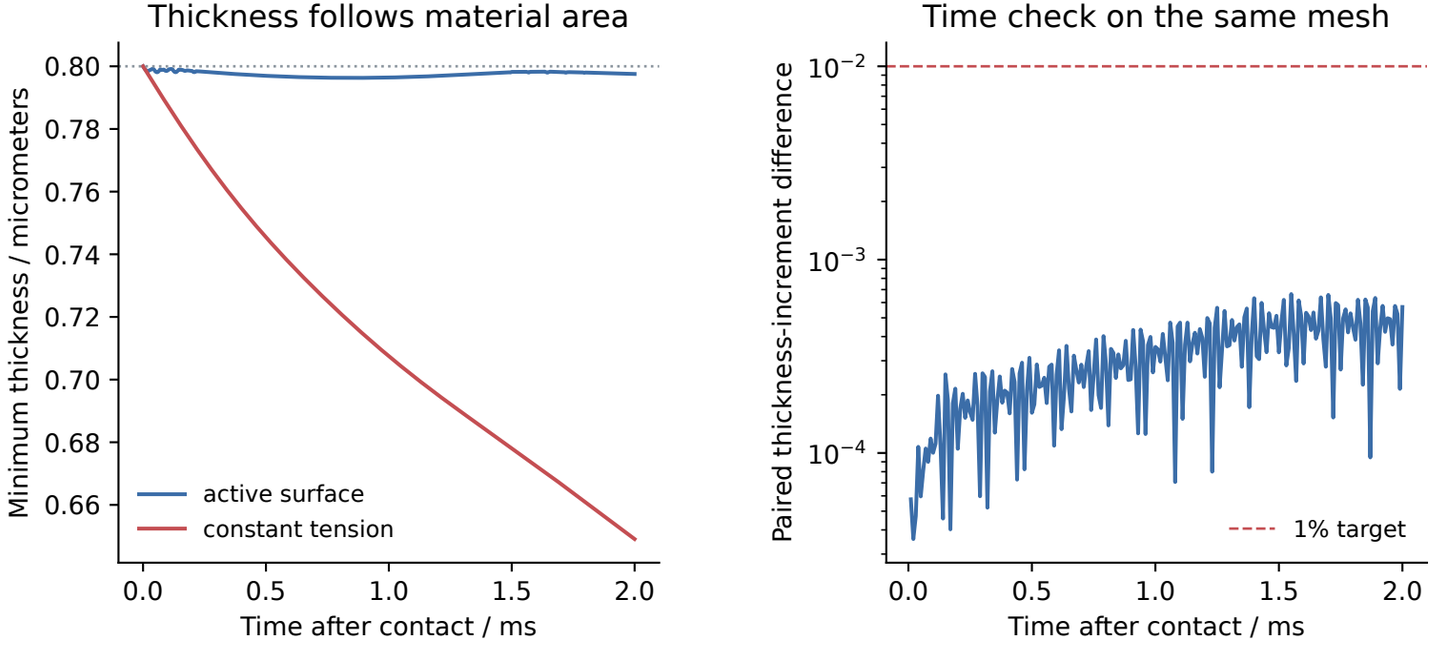
Real rim impulse -> finite-area films -> thickness / surface-tension feedback



Identical real contact packet

Incoming liquid: 1.121 micrograms
Incoming speed: 8.652 m/s
Received energy: 4.884e-11 J

Nine finite-area liquid films
292 material triangles / 209 nodes
Full finite rotation of recipient
No reduced impulse



Supported post-contact response

Initial gas/meniscus forces replaced
by explicit lab-fixed preloads.
Preload work: up to 13.33% of
received energy in the active case.

Rigid whole-liquid recipient remains.
No local border flow or extraction.
No drainage/coarsening/event loop.
No subsequent rupture claimed.

Actual saved states at 2 ms; geometry is not magnified. Different, explicitly labelled colour ranges. Inviscid insoluble diagnostic.