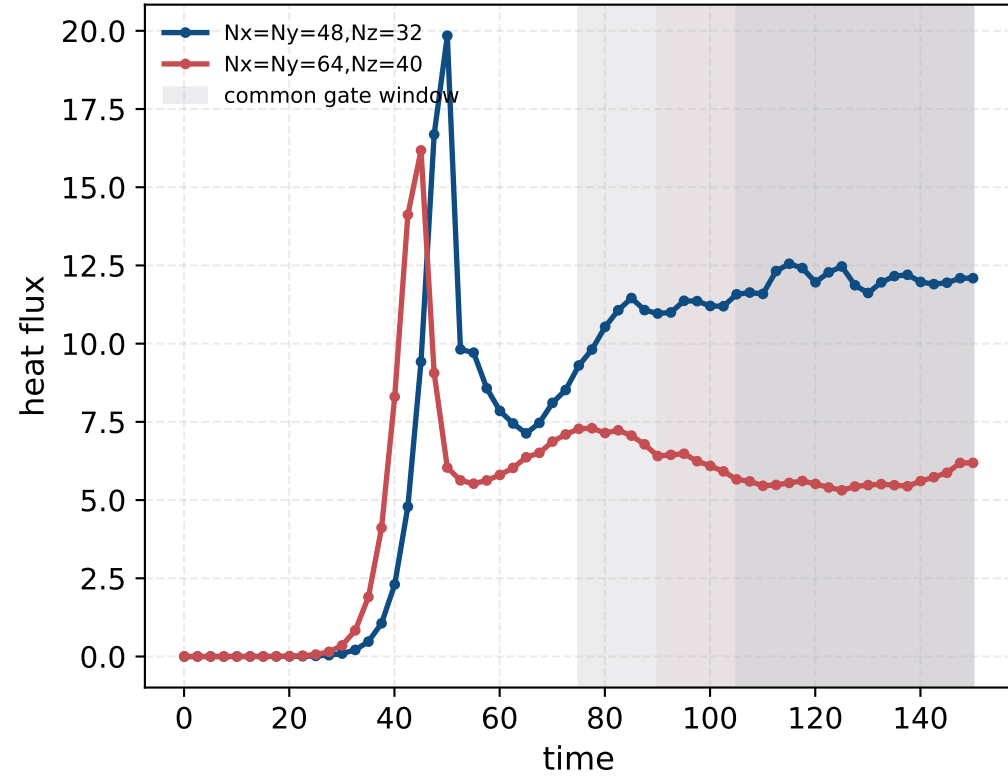
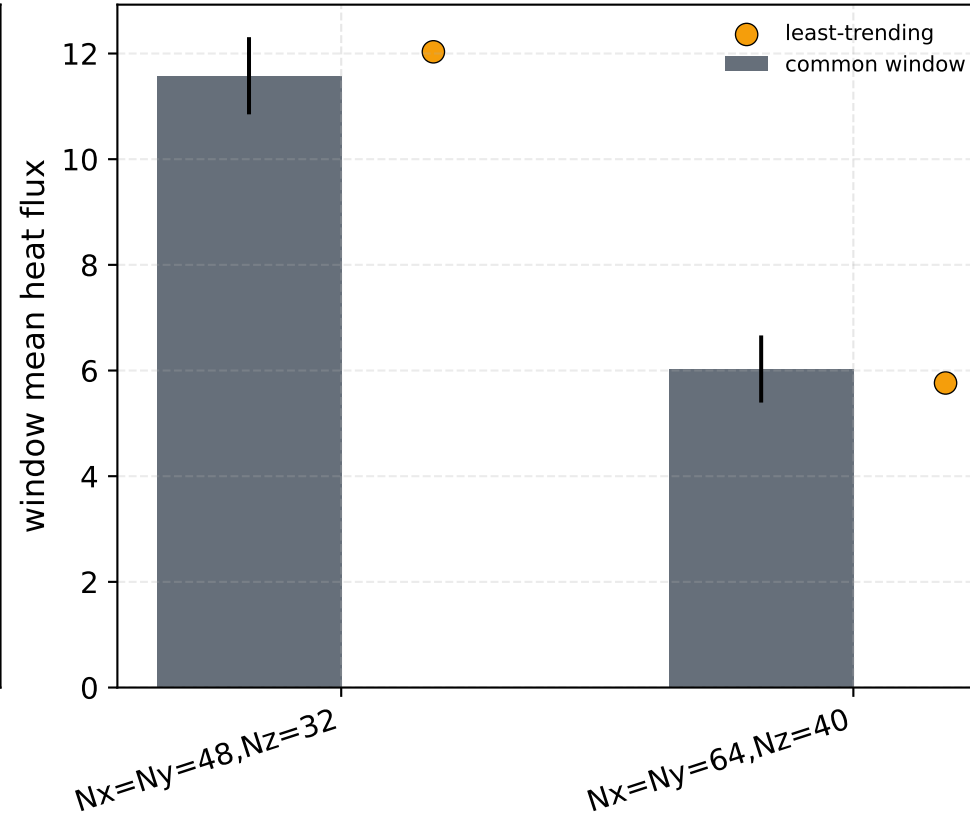


nfp4 QH external VMEC nonlinear high-grid convergence

Nonlinear traces



Grid-refined window means



Gate status: FAIL

common rel. grid diff: 0.630

least-window rel. grid diff: 0.704

allowed grid diff: 0.150

common start fraction: 0.50

Failed metrics:

- common trend: 0.00347 > 0.002
- common grid difference: 0.63 > 0.15
- least-window grid difference: 0.704 > 0.15

Interpretation:

finite external-VMEC pilot,
but not a transport holdout until
late-window and grid agreement pass.