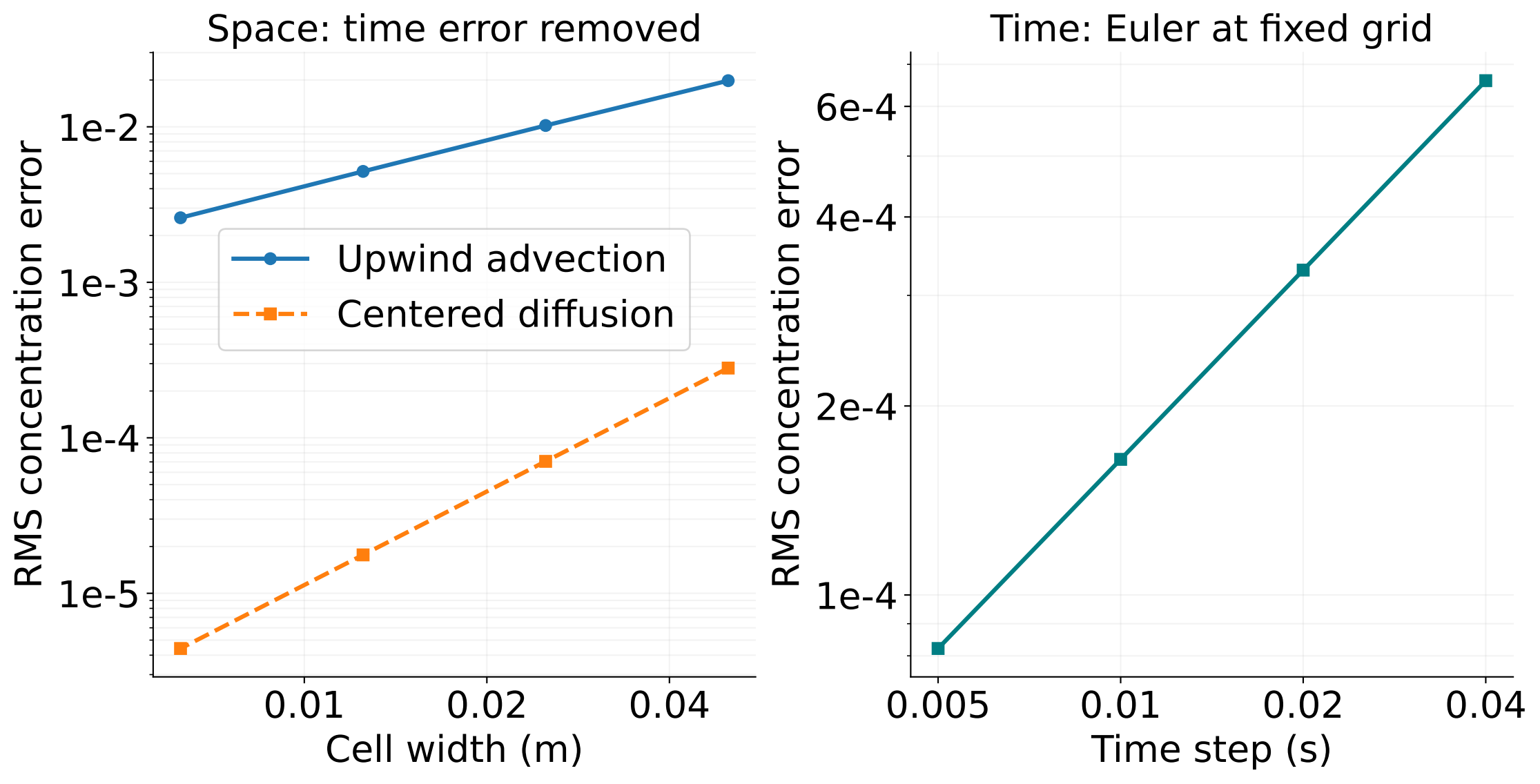

Space: time error removed
RMS concentration error
1e-2
1e-3
1e-4
1e-5
Upwind advection
Centered diffusion
0.01
0.02
0.04
Cell width (m)
Time: Euler at fixed grid
RMS concentration error
6e-4
4e-4
2e-4
1e-4
0.005
0.01
0.02
0.04
Time step (s)