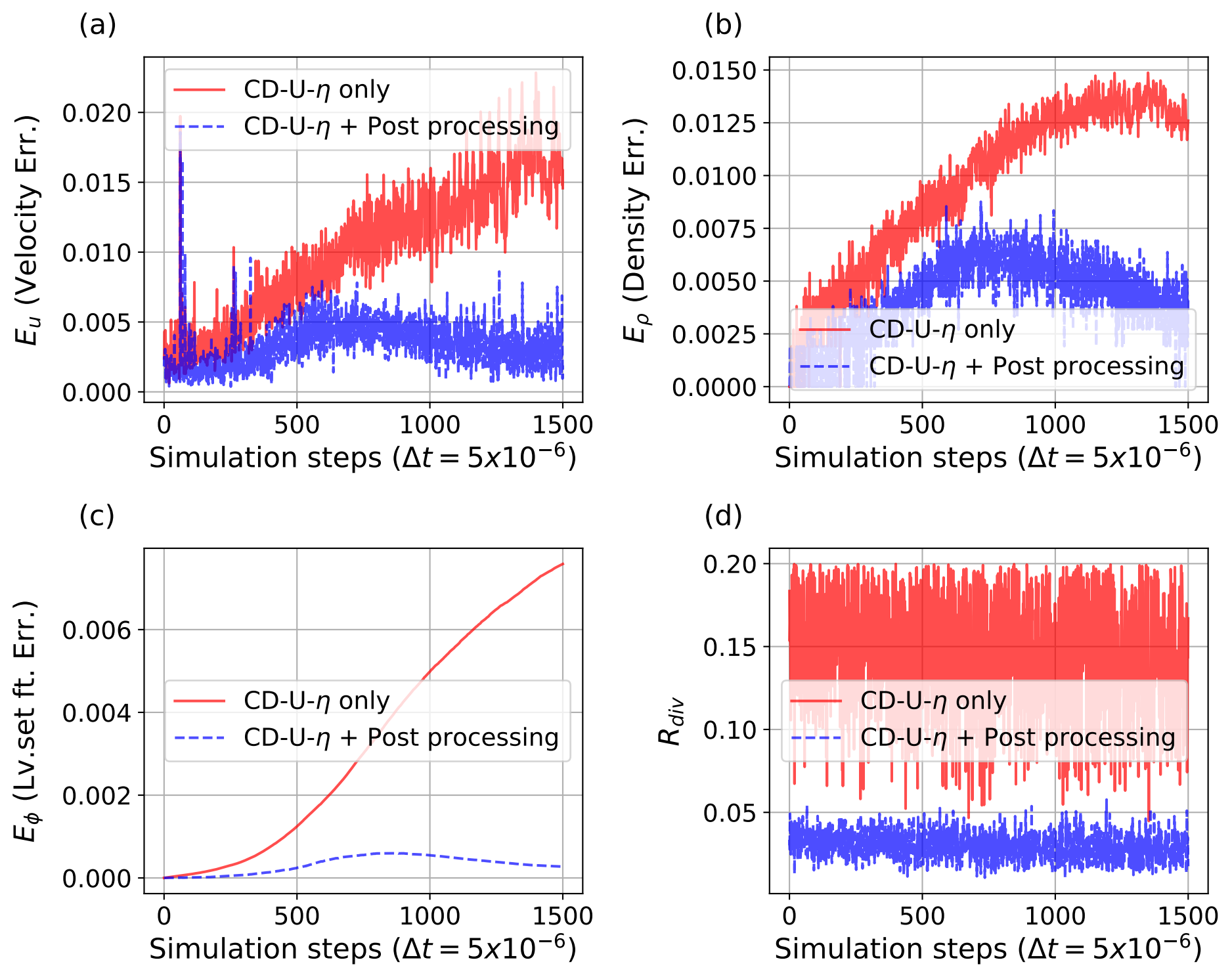
(a)
CD-U-η only
CD-U-η + Post processing
E_u (Velocity Err.)
0.020
0.015
0.010
0.005
0.000
0
500
1000
1500
Simulation steps ($\Delta t = 5x10^{-6}$)
(b)
E_ρ (Density Err.)
0.0150
0.0125
0.0100
0.0075
0.0050
0.0025
0.0000
CD-U-η only
CD-U-η + Post processing
Simulation steps ($\Delta t = 5x10^{-6}$)
(c)
E_ϕ (Lv.set ft. Err.)
0.006
0.004
0.002
0.000
CD-U-η only
CD-U-η + Post processing
Simulation steps ($\Delta t = 5x10^{-6}$)
(d)
R_{div}
0.20
0.15
0.10
0.05
CD-U-η only
CD-U-η + Post processing
Simulation steps ($\Delta t = 5x10^{-6}$)