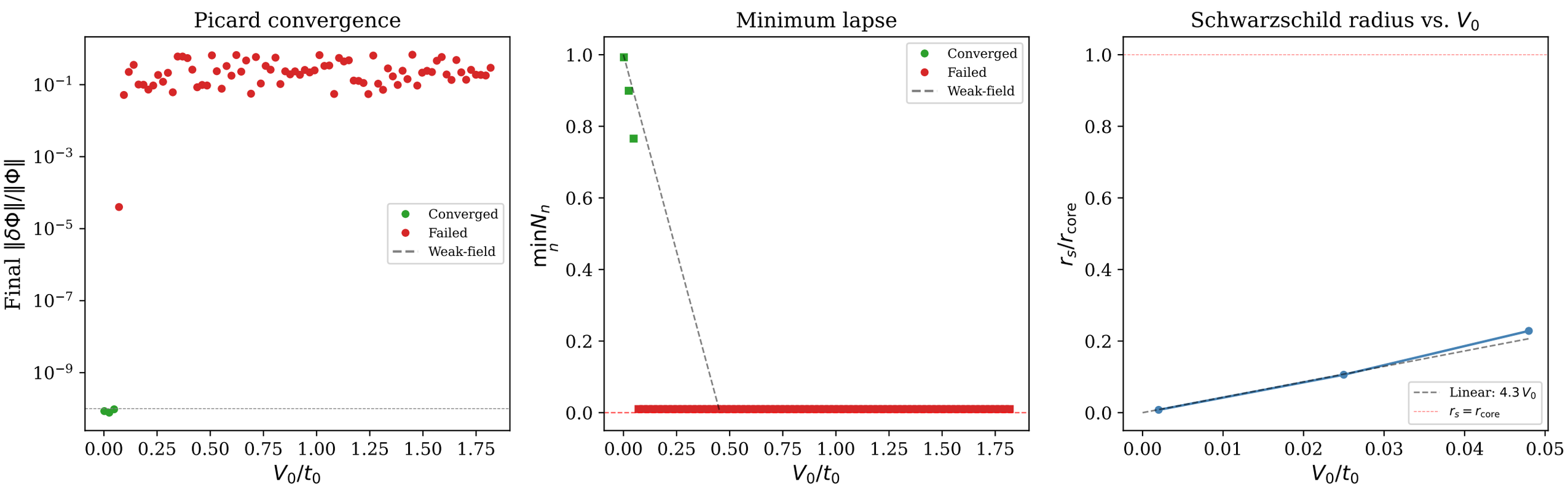
Picard convergence
Final $\|\delta\Phi\|/\|\Phi\|$
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
Converged
Failed
Weak-field
0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75
V_0/t_0
Minimum lapse
$\min_n N_n$
1.0 0.8 0.6 0.4 0.2 0.0
Converged
Failed
Weak-field
0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75
V_0/t_0
Schwarzschild radius vs. V_0
$r_s/r_{\rm core}$
1.0 0.8 0.6 0.4 0.2 0.0
Linear: $4.3\,V_0$
$r_s = r_{\rm core}$
0.00 0.01 0.02 0.03 0.04 0.05
V_0/t_0