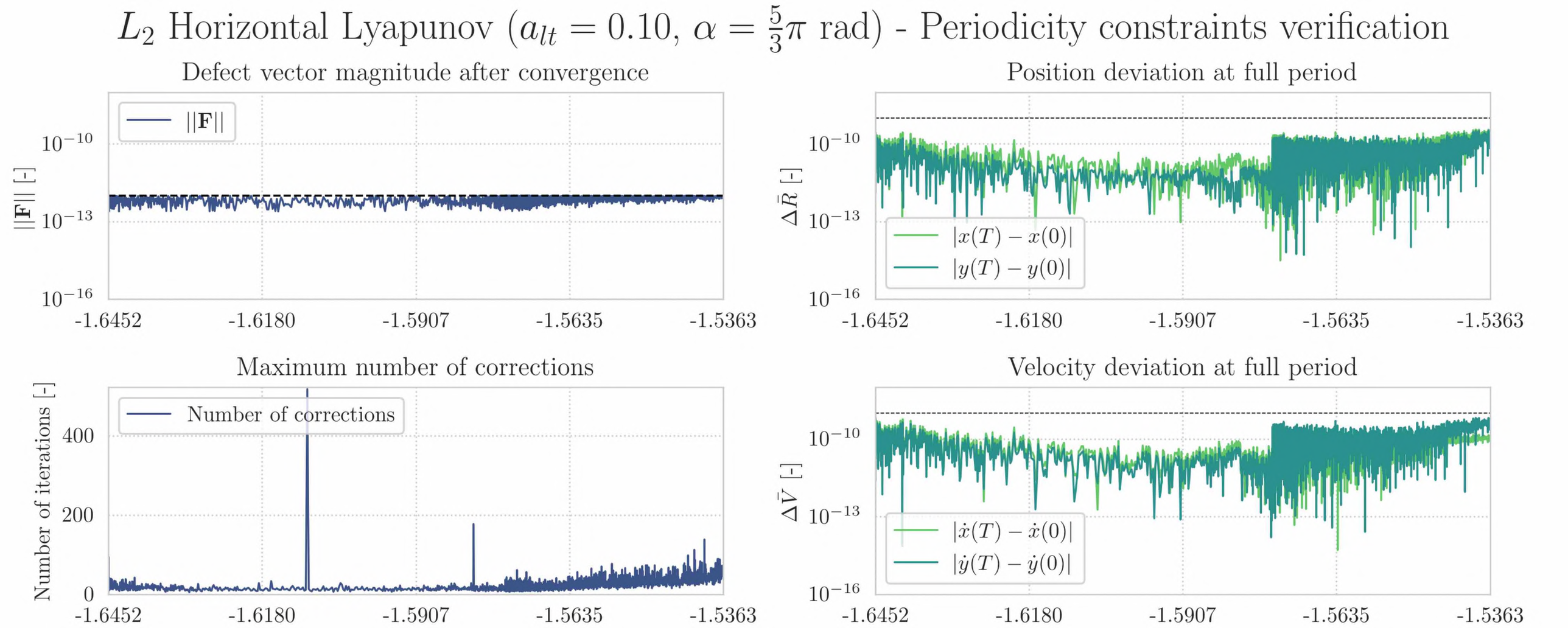
L_2 Horizontal Lyapunov ($a_{lt} = 0.10$, $\alpha = \frac{5}{3}\pi$ rad) - Periodicity constraints verification
Defect vector magnitude after convergence
$||\mathbf{F}||$
$||\mathbf{F}||$ [-]
10^{-10}
10^{-13}
10^{-16}
-1.6452
-1.6180
-1.5907
-1.5635
-1.5363
Position deviation at full period
$\Delta\bar{R}$ [-]
$|x(T) - x(0)|$
$|y(T) - y(0)|$
Maximum number of corrections
Number of iterations [-]
Number of corrections
400
200
0
Velocity deviation at full period
$\Delta\bar{V}$ [-]
$|\dot{x}(T) - \dot{x}(0)|$
$|\dot{y}(T) - \dot{y}(0)|$