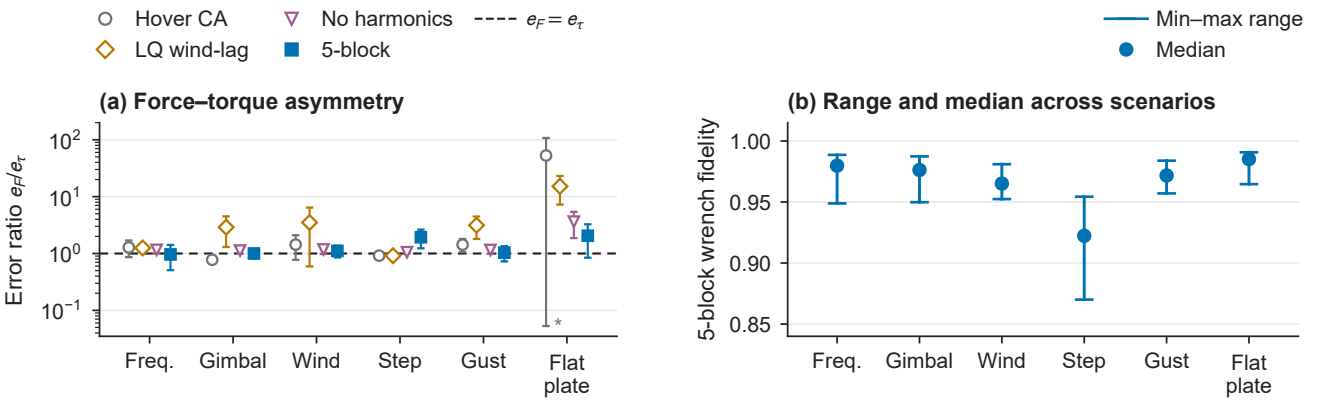

Hover CA
LQ wind-lag
No harmonics
5-block
$e_F = e_\tau$
(a) Force–torque asymmetry
Error ratio e_F/e_τ
10^2
10^1
10^0
10^{-1}
*
Freq.
Gimbal
Wind
Step
Gust
Flat plate
Min–max range
Median
(b) Range and median across scenarios
5-block wrench fidelity
1.00
0.95
0.90
0.85
Freq.
Gimbal
Wind
Step
Gust
Flat plate