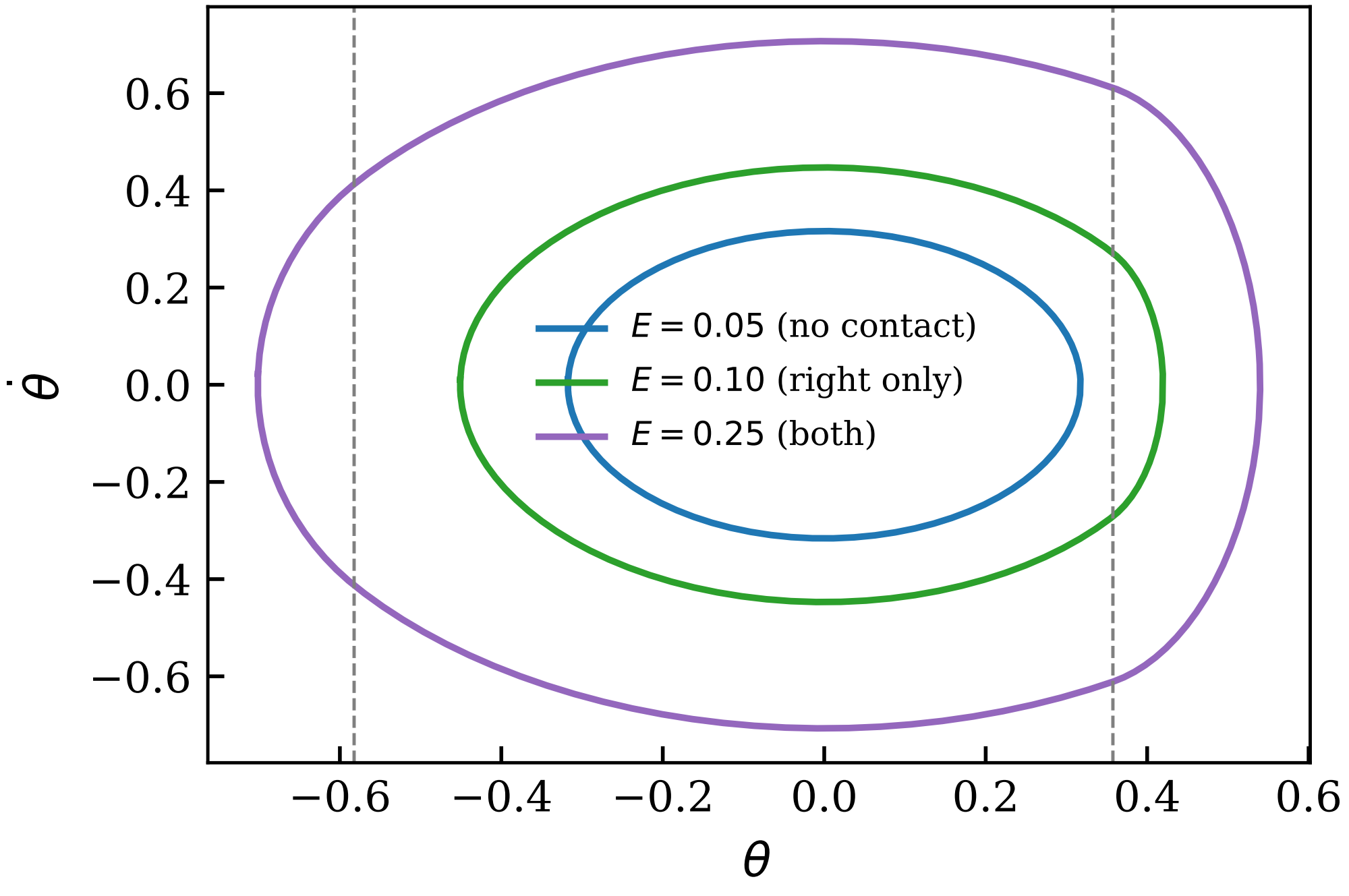

$E = 0.05$ (no contact)
$E = 0.10$ (right only)
$E = 0.25$ (both)
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
$\dot{\theta}$
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
θ