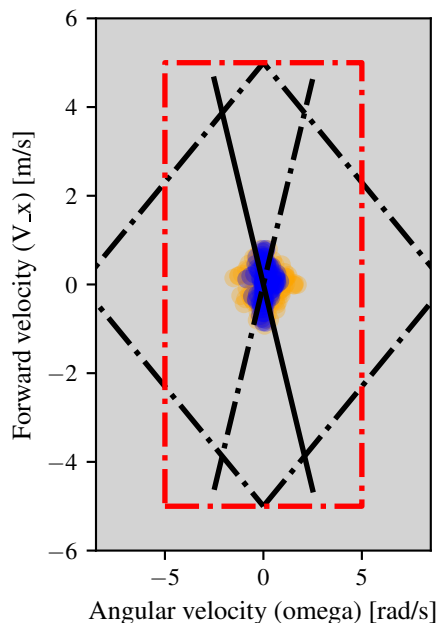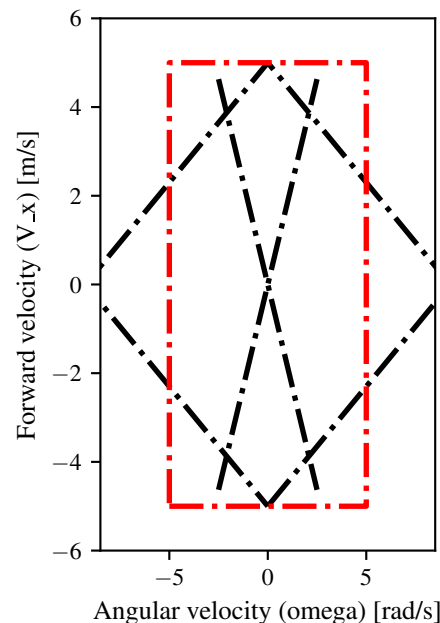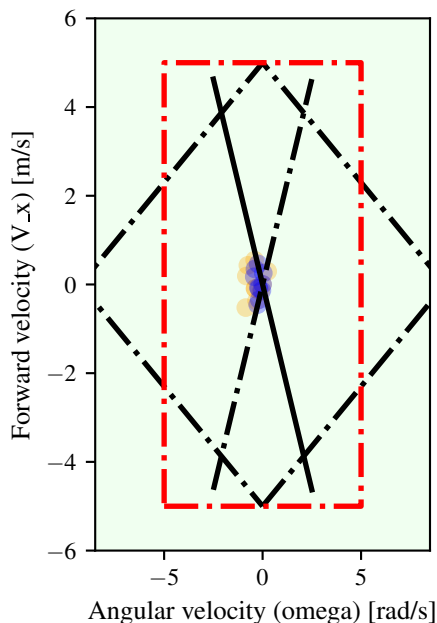All roboticist with a maximum linear sampling speed of 1.0 m/s
Cmd vs steady-state results for all_types_of_terrain

Body vel on asphalt

Body vel on grass

Forward velocity (V_x) [m/s]

Angular velocity (omega) [rad/s]

- Command
- Mean of body steady-state speed
- Mean of wheel steady-state speed

— vehicle limits
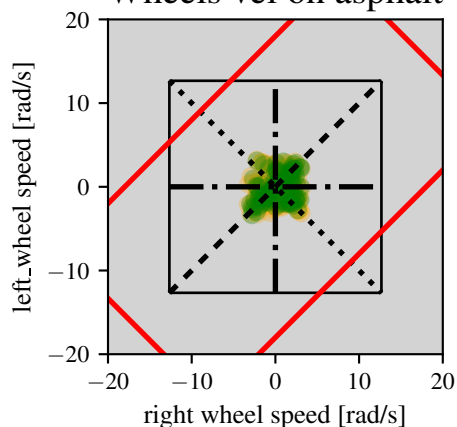- - - r = inf : straight line
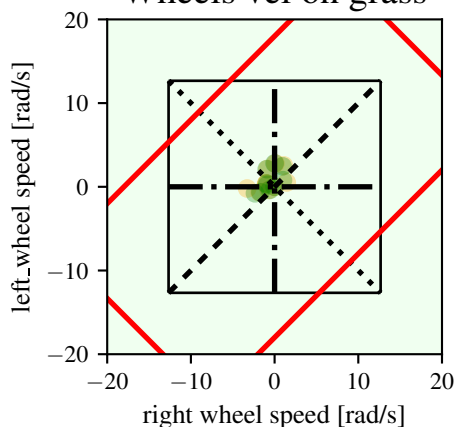······ r = 0 : Turning on spot

$\frac{b}{2} < r < inf$
$\frac{-b}{2} < r < \frac{b}{2}$
$-inf < r < \frac{-b}{2}$

Wheels vel on asphalt

Wheels vel on grass

Graph analyzer helper

left_wheel speed [rad/s]

right wheel speed [rad/s]

$r = \frac{b}{2}$
$r = 0$
$r = \frac{-b}{2}$
$r = \frac{-b}{2}$
$r = 0$
$r = \frac{b}{2}$