Cmd vs steady-state results for all_types_of_terrain Body vel on ice Body vel on gravel Body vel on grass Forward velocity (V_x) [m/s] Forward velocity (V_x) [m/s] Forward velocity (V_x) [m/s] Forward velocity (V_x) [m/s] 0 0 0 Angular velocity (omega) [rad/s] Angular velocity (omega) [rad/s] Angular velocity (omega) [rad/s] Angular velocity (omega) [rad/s] $\frac{b}{2} < r < \inf$ $\frac{-b}{2} < r < \frac{b}{2}$ $-\inf < r < \frac{-b}{2}$ Command vehicle limits Mean of body steady-state speed $r = \inf$:straight line Mean of wheel steady-state speed r = 0: Turning on spot Wheels vel on ice Wheels vel on gravel Wheels vel on grass Graph analyzer helper 20 20 20 20 left_wheel speed [rad/s] left_wheel speed [rad/s] left_wheel speed [rad/s] left_wheel speed [rad/s] 10 10 10 0 -20-20-1020 -10-1010 20 -2010 -20-1010 20 -20right wheel speed [rad/s] right wheel speed [rad/s] right wheel speed [rad/s] right wheel speed [rad/s]

Roboticist dominicbaril with the robot warthog m/s