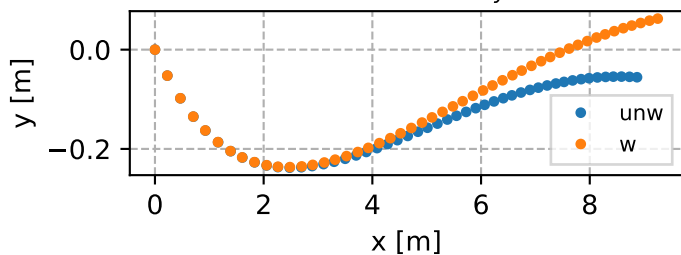
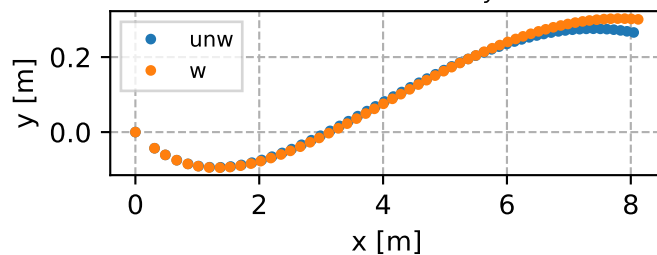


Minimization: Weighted vs Unweighted

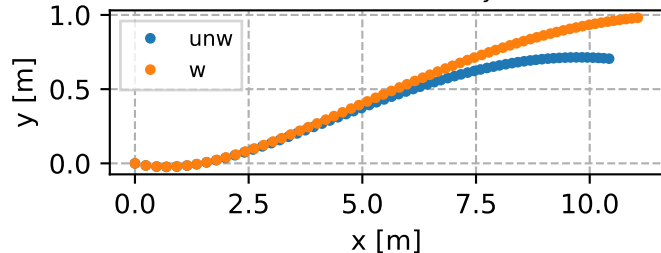
$\theta_{ef} = 9^\circ$, $v_x = 14.29$ m/s, $v_y = -3.59$ m/s



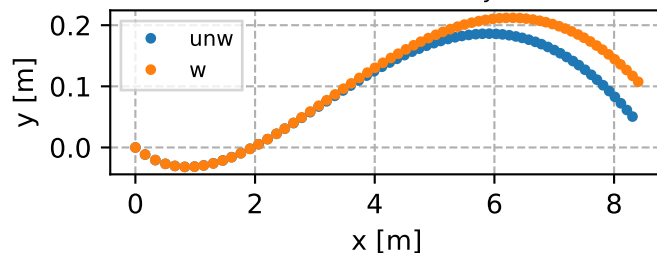
$\theta_{ef} = 18^\circ$, $v_x = 11.18$ m/s, $v_y = -1.83$ m/s



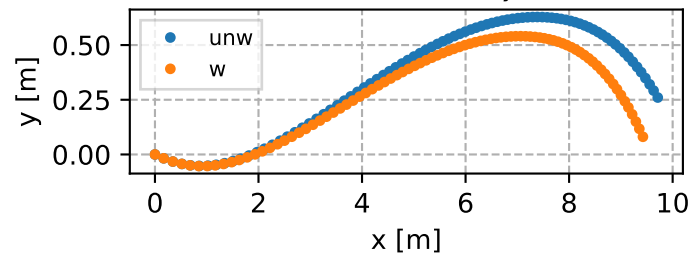
$\theta_{ef} = 14^\circ$, $v_x = 14.11$ m/s, $v_y = -1.05$ m/s



$\theta_{ef} = 17^\circ$, $v_x = 10.21$ m/s, $v_y = -0.82$ m/s



$\theta_{ef} = 24^\circ$, $v_x = 10.64$ m/s, $v_y = -1.21$ m/s



TEST, EXCLUDED FROM FIT

$\theta = 10^\circ$, $v_x = 11.18$ m/s, $v_y = -1.83$ m/s

