

# Quadratic Fitting

Polynomial coefficients

[4.024084262523032, -2.0681941305737257, 10.381462214047179]

Curve-fit

400.0

300.0

200.0

100.0

0.0

$a = 4.02 \pm 0.03$

$b = -2.1 \pm 0.2$

$c = 10 \pm 2$

$c = 10 \pm 2$

$b = -2.1 \pm 0.2$

$a = 4.02 \pm 0.03$

-10.0

-5.0

0.0

5.0

10.0

X

Y

Polyfit

curve-fit

lmfit

