True functions ($f(x) = \alpha + \beta x$) and data ($y \sim \mathcal{N}(f(x), \sigma)$)

Task 0
$\alpha=-2.02, \beta=7.70, \sigma=12.72$

Task 1
$\alpha=-1.09, \beta=-2.93, \sigma=3.58$

Task 2
$\alpha=-7.73, \beta=-0.71, \sigma=2.47$

Task 3
$\alpha=0.40, \beta=0.15, \sigma=0.63$

Task 4
$\alpha=-0.41, \beta=1.43, \sigma=0.51$

Task 5
$\alpha=-1.66, \beta=-0.58, \sigma=2.02$

Task 6
$\alpha=-1.33, \beta=2.76, \sigma=4.51$

Task 7
$\alpha=-0.97, \beta=2.04, \sigma=4.05$

Task 8
$\alpha=-3.02, \beta=-1.96, \sigma=3.44$

Task 9
$\alpha=-1.05, \beta=0.63, \sigma=0.69$

True function
Data