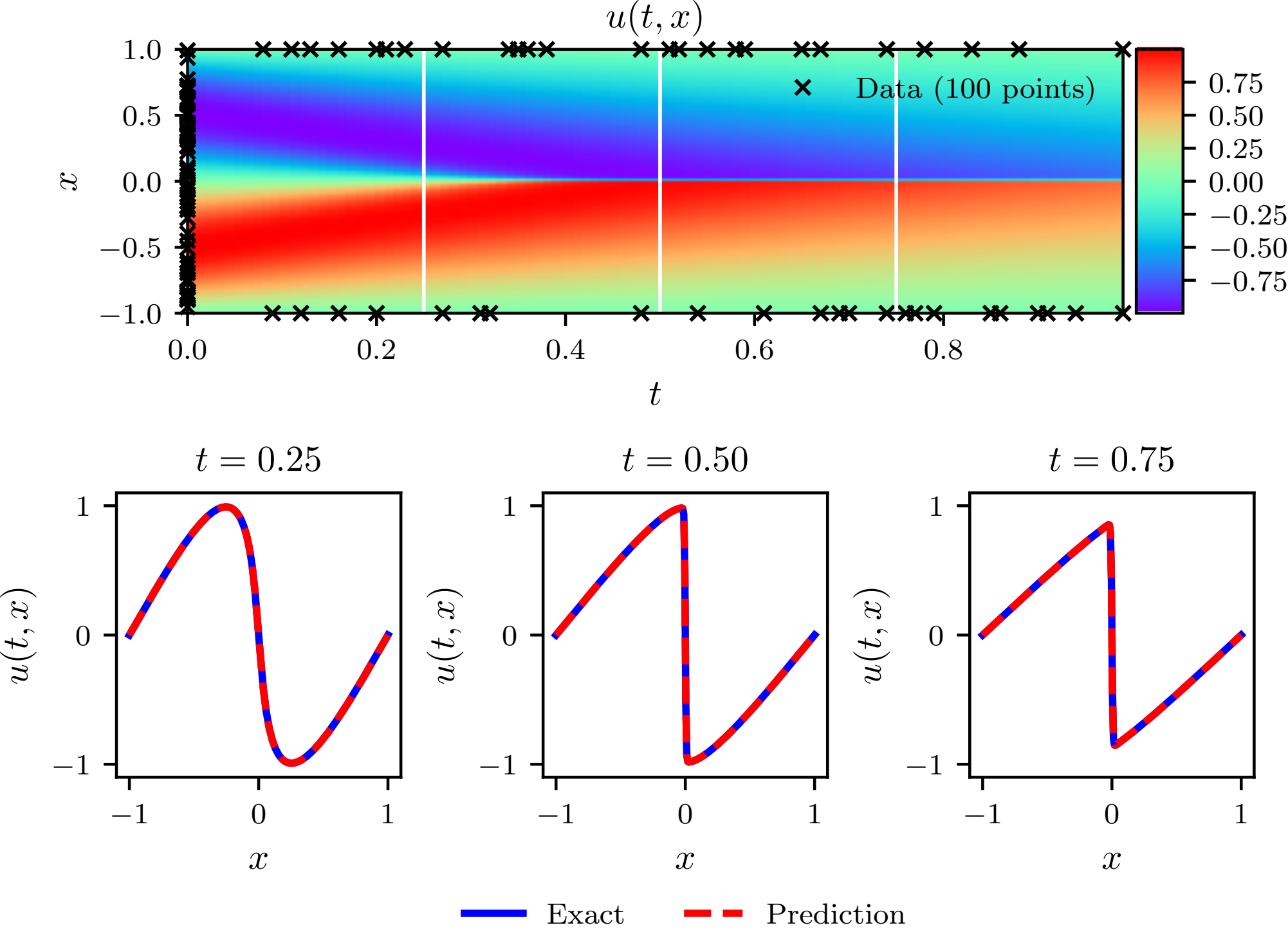

$u(t,x)$
Data (100 points)
x
t
1.0
0.5
0.0
−0.5
−1.0
0.0
0.2
0.4
0.6
0.8
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
$t = 0.25$
$t = 0.50$
$t = 0.75$
$u(t,x)$
1
0
−1
−1
0
1
Exact
Prediction