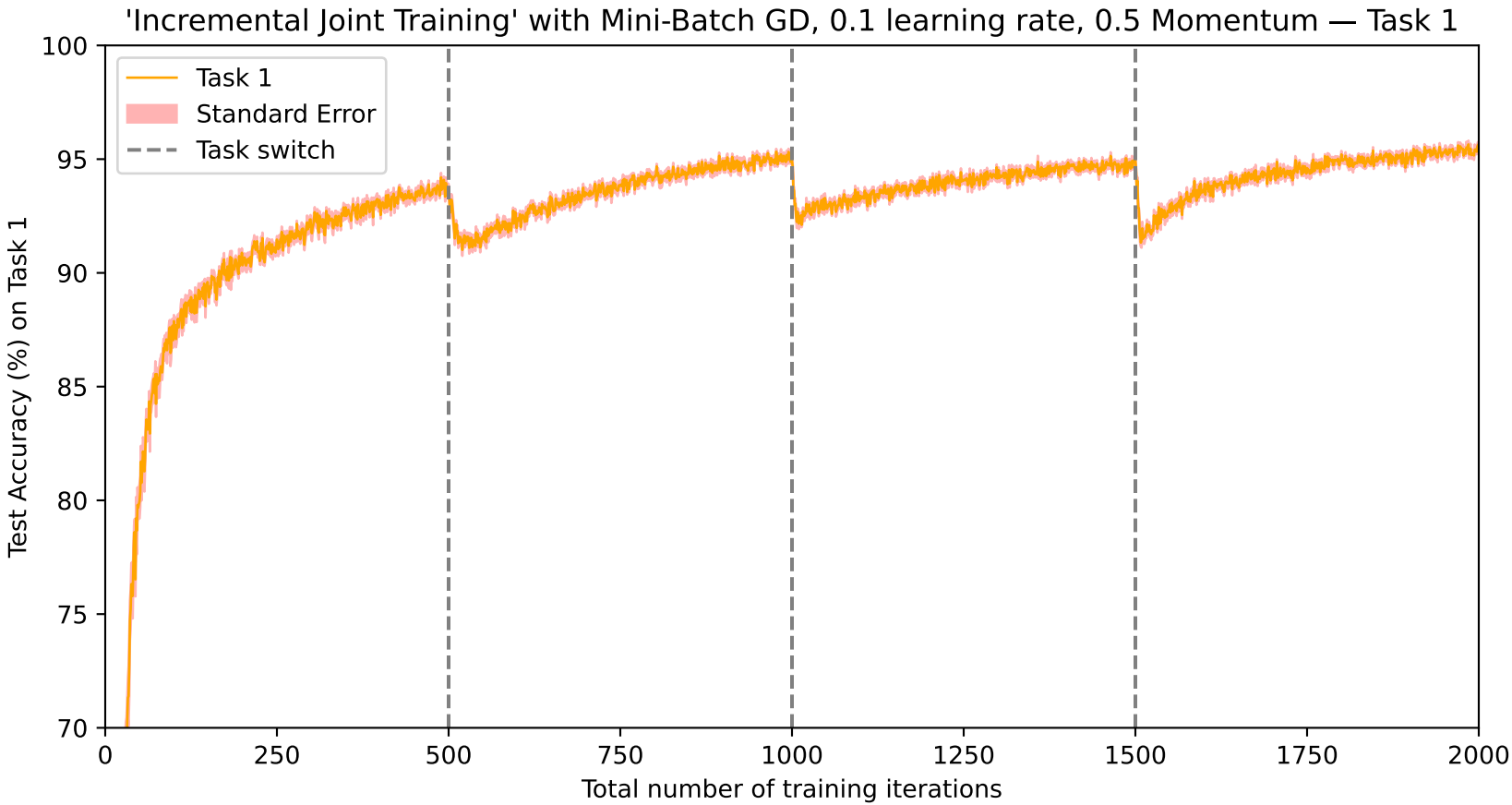
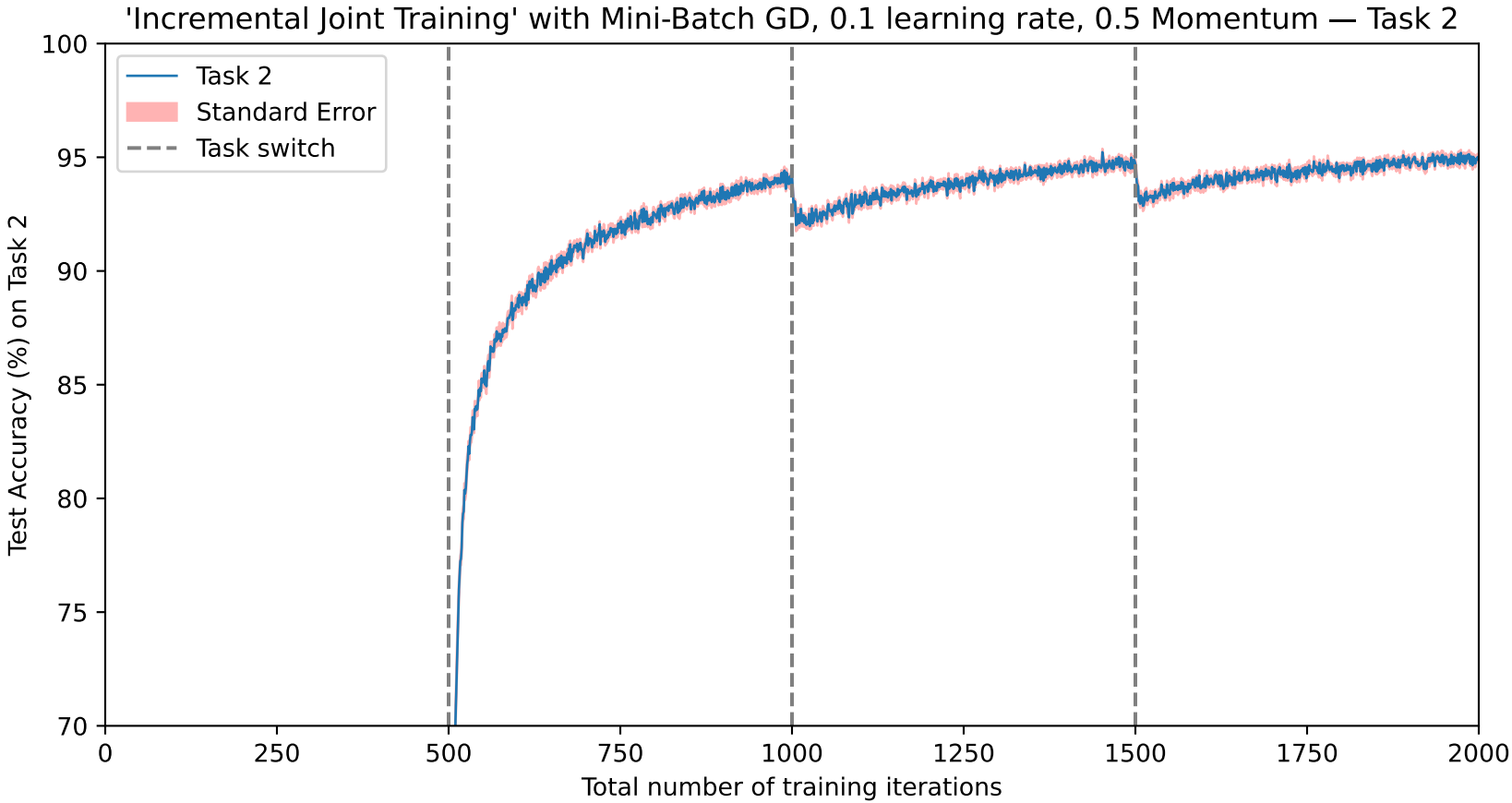
Task 1

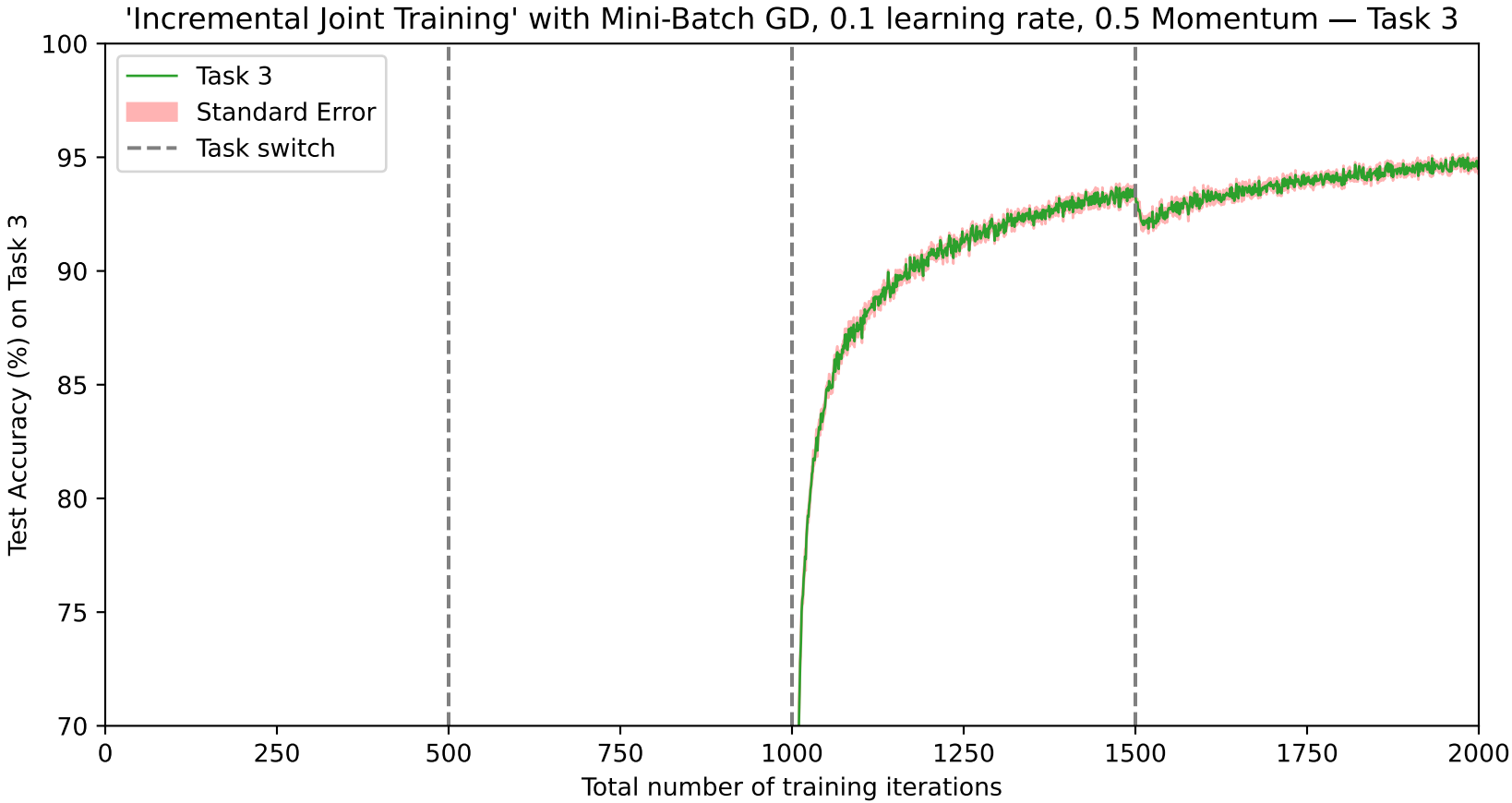
Task 2

Task 3

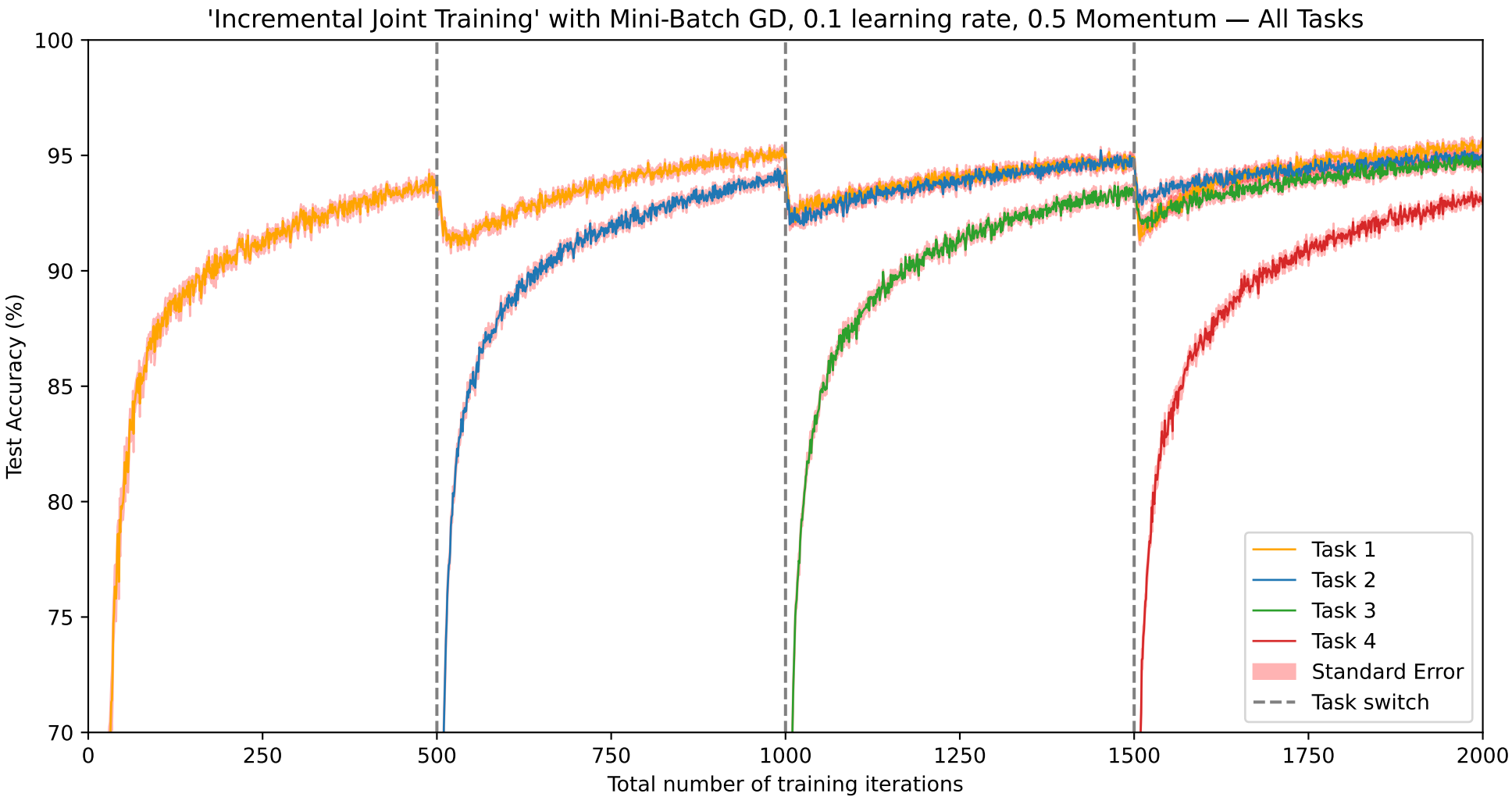
Task 4


'Incremental Joint Training' with Mini-Batch GD, 0.1 learning rate, 0.5 Momentum — Task 1
Task 1
Standard Error
Task switch
Test Accuracy (%) on Task 1
Total number of training iterations
100
95
90
85
80
75
70
0
250
500
750
1000
1250
1500
1750
2000


'Incremental Joint Training' with Mini-Batch GD, 0.1 learning rate, 0.5 Momentum — Task 2
Task 2
Standard Error
Task switch
Test Accuracy (%) on Task 2
Total number of training iterations
100
95
90
85
80
75
70
0
250
500
750
1000
1250
1500
1750
2000


'Incremental Joint Training' with Mini-Batch GD, 0.1 learning rate, 0.5 Momentum — Task 3
Task 3
Standard Error
Task switch
Test Accuracy (%) on Task 3
Total number of training iterations
100
95
90
85
80
75
70
0
250
500
750
1000
1250
1500
1750
2000

'Incremental Joint Training' with Mini-Batch GD, 0.1 learning rate, 0.5 Momentum — Task 4
Test Accuracy (%) on Task 4
Total number of training iterations
Task 4
Standard Error
Task switch
100
95
90
85
80
75
70
0
250
500
750
1000
1250
1500
1750
2000


'Incremental Joint Training' with Mini-Batch GD, 0.1 learning rate, 0.5 Momentum — All Tasks
Test Accuracy (%)
100
95
90
85
80
75
70
0
250
500
750
1000
1250
1500
1750
2000
Total number of training iterations
Task 1
Task 2
Task 3
Task 4
Standard Error
Task switch

Runs: 9
Optimizer: Mini-Batch GD
Learning Rate: 0.1
Momentum: 0.5
FORG: -1.31 (+/-0.13)
ACC: 94.54 (+/-0.09)
min-ACC: 90.57 (+/-0.08)
WC-ACC: 91.18 (+/-0.08)
WF10: 3.61 (+/-0.11)
WF100: 4.18 (+/-0.07)
WP10: 2.91 (+/-0.05)
WP100: 3.88 (+/-0.09)
TBP: 201.1 (+/-7.5)
GD: 2.34 (+/-0.05)
SD: -0.147 (+/-0.011)
SRfixed: 0.009 (+/-0.009)SRfull: 0.018 (+/-0.002)