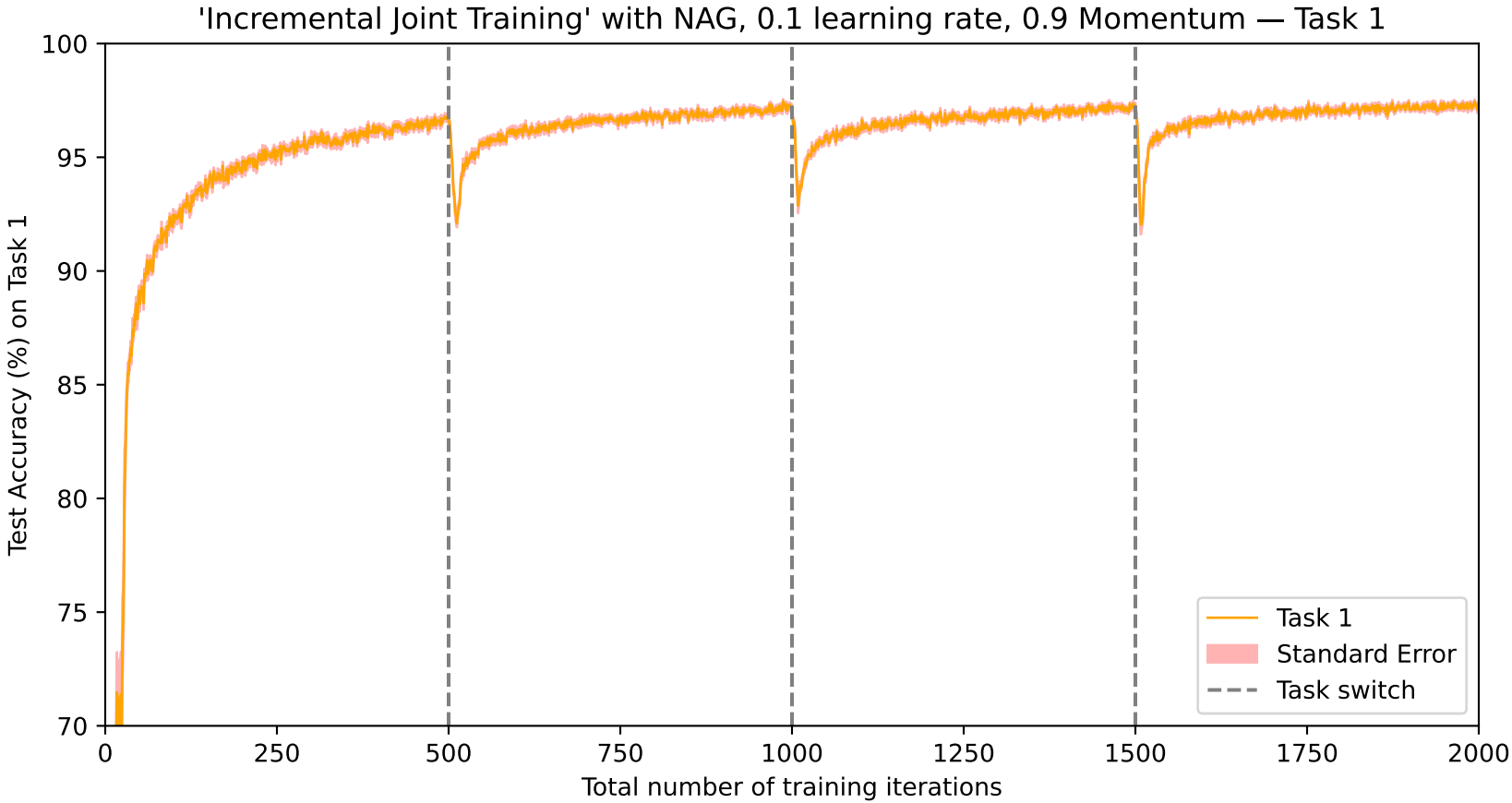
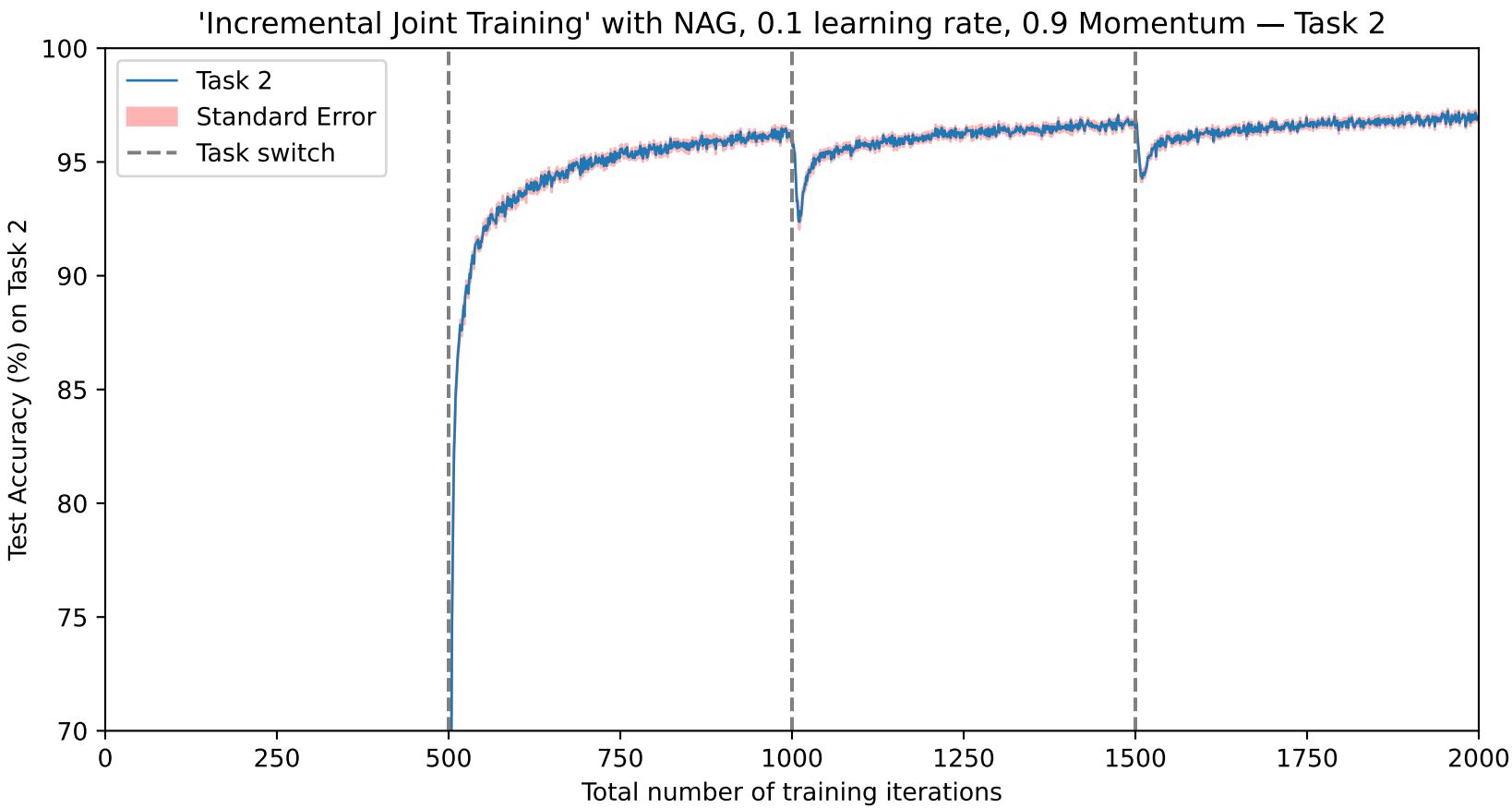
Task 1

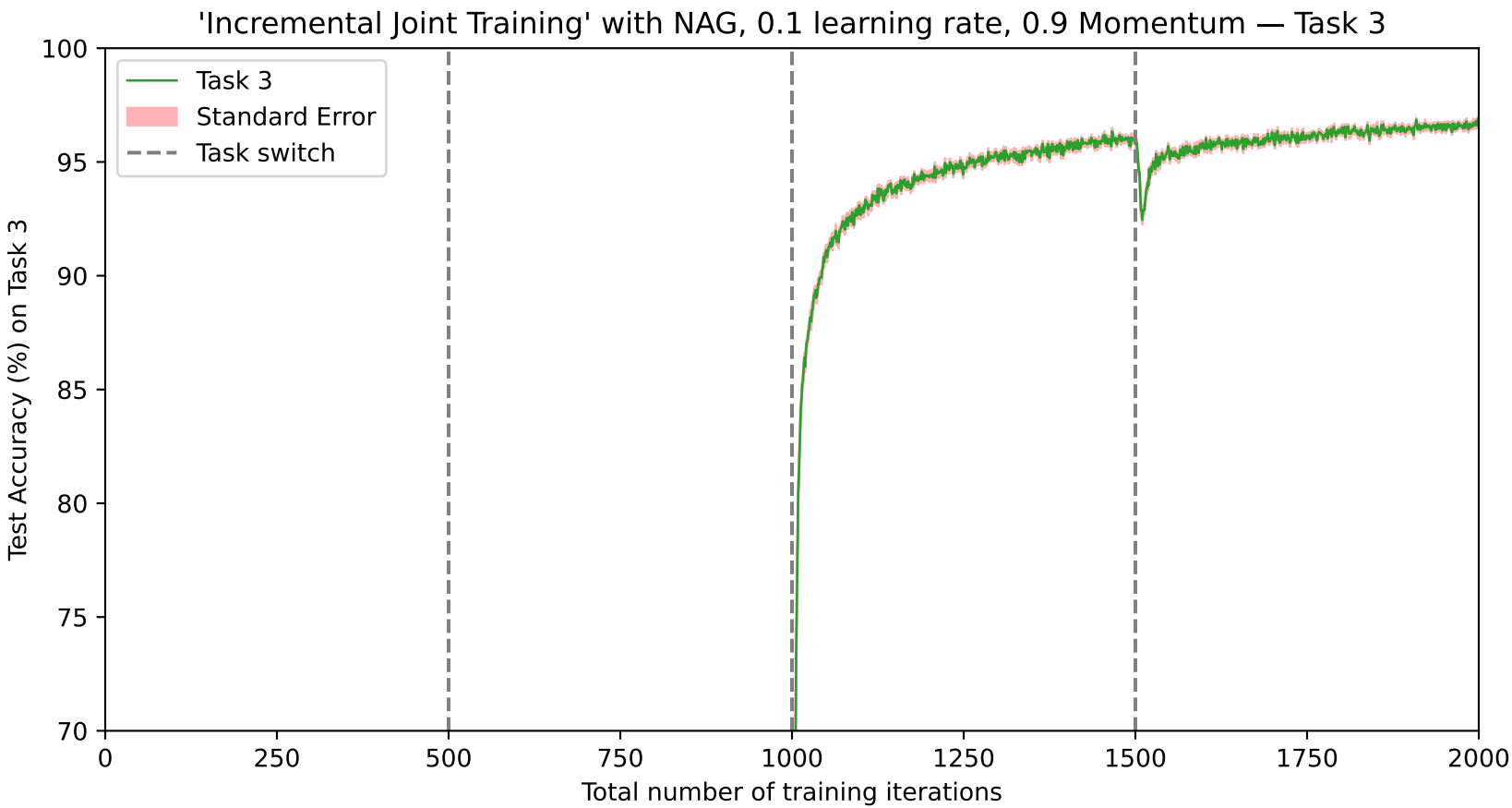
Task 2

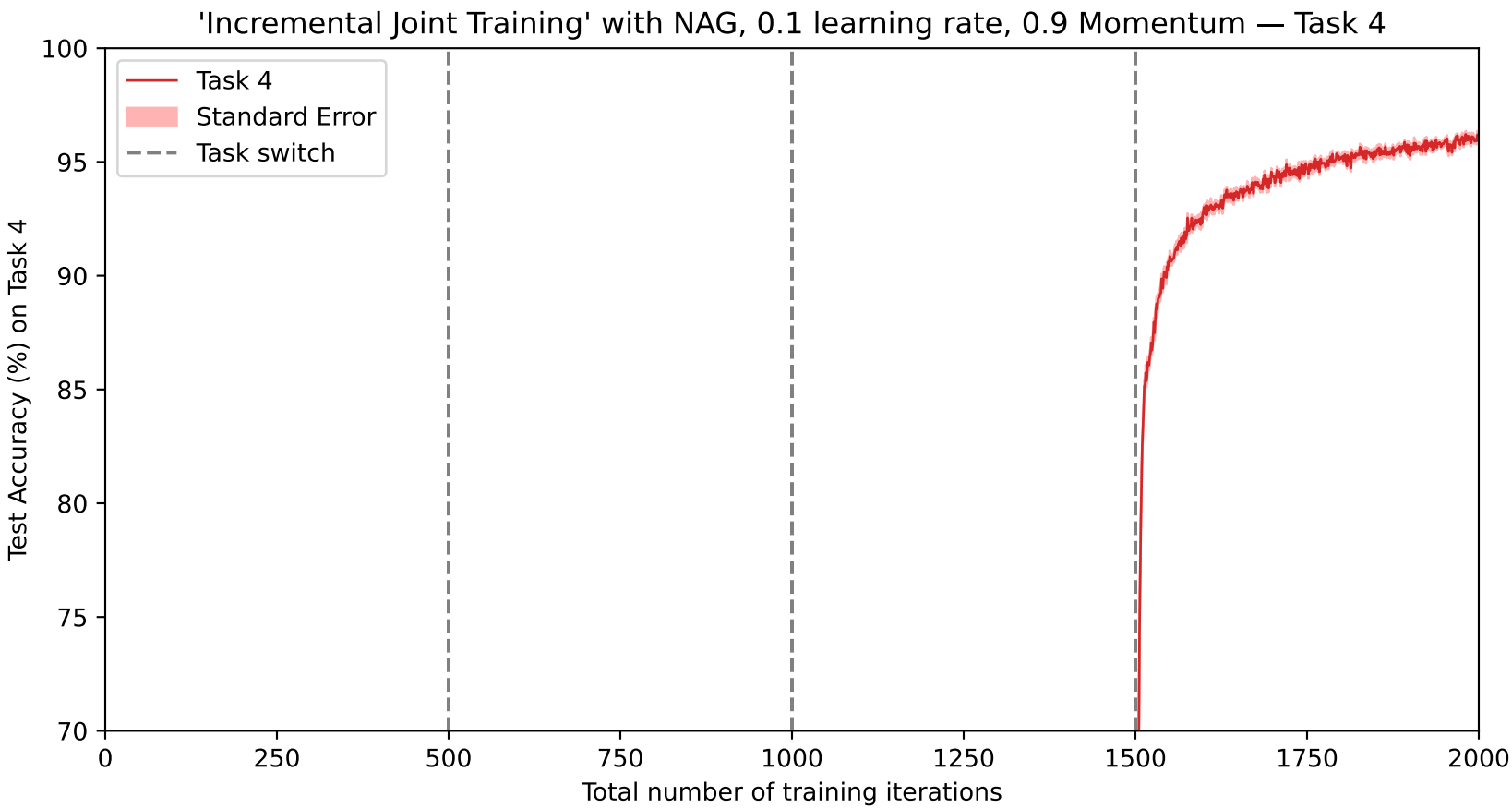
Task 3

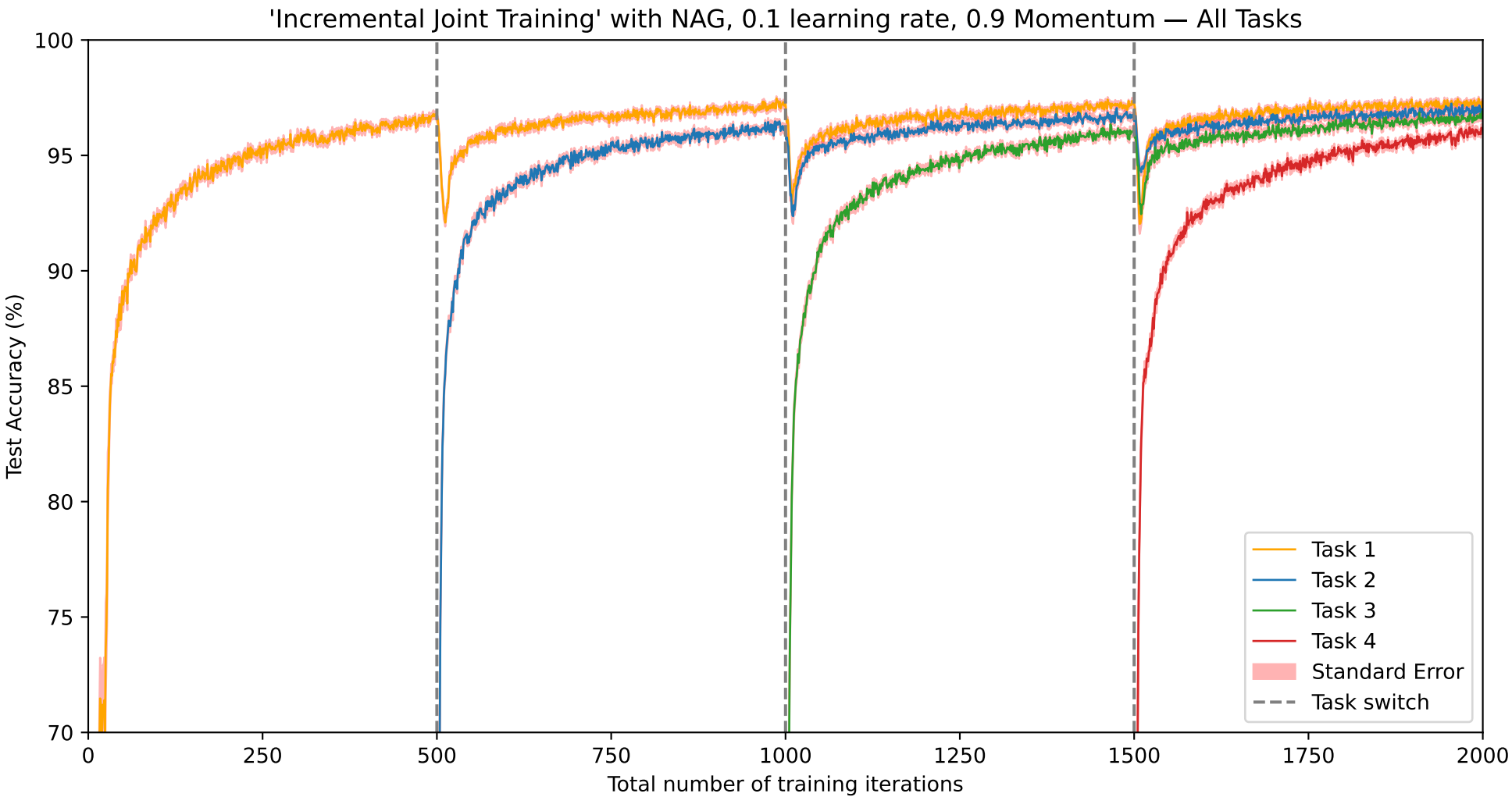
Task 4


'Incremental Joint Training' with NAG, 0.1 learning rate, 0.9 Momentum — Task 1
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
Task 1
Standard Error
Task switch


'Incremental Joint Training' with NAG, 0.1 learning rate, 0.9 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 NAG, 0.1 learning rate, 0.9 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 NAG, 0.1 learning rate, 0.9 Momentum — Task 4
Task 4
Standard Error
Task switch
Test Accuracy (%) on Task 4
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 NAG, 0.1 learning rate, 0.9 Momentum — All Tasks
Test Accuracy (%)
Total number of training iterations
100
95
90
85
80
75
70
0
250
500
750
1000
1250
1500
1750
2000
Task 1
Task 2
Task 3
Task 4
Standard Error
Task switch

Runs: 10
Optimizer: NAG
Learning Rate: 0.1
Momentum: 0.9
FORG: -0.74 (+/-0.05)
ACC: 96.82 (+/-0.04)
min-ACC: 91.5 (+/-0.14)
WC-ACC: 92.66 (+/-0.1)
WF10: 5.13 (+/-0.18)
WF100: 5.29 (+/-0.19)
WP10: 3.58 (+/-0.13)
WP100: 5.31 (+/-0.16)
TBP: 163.6 (+/-9.4)
GD: 3.73 (+/-0.13)
SD: -0.318 (+/-0.01)
SRfixed: 0.169 (+/-0.008)
SRfull: 0.034 (+/-0.002)