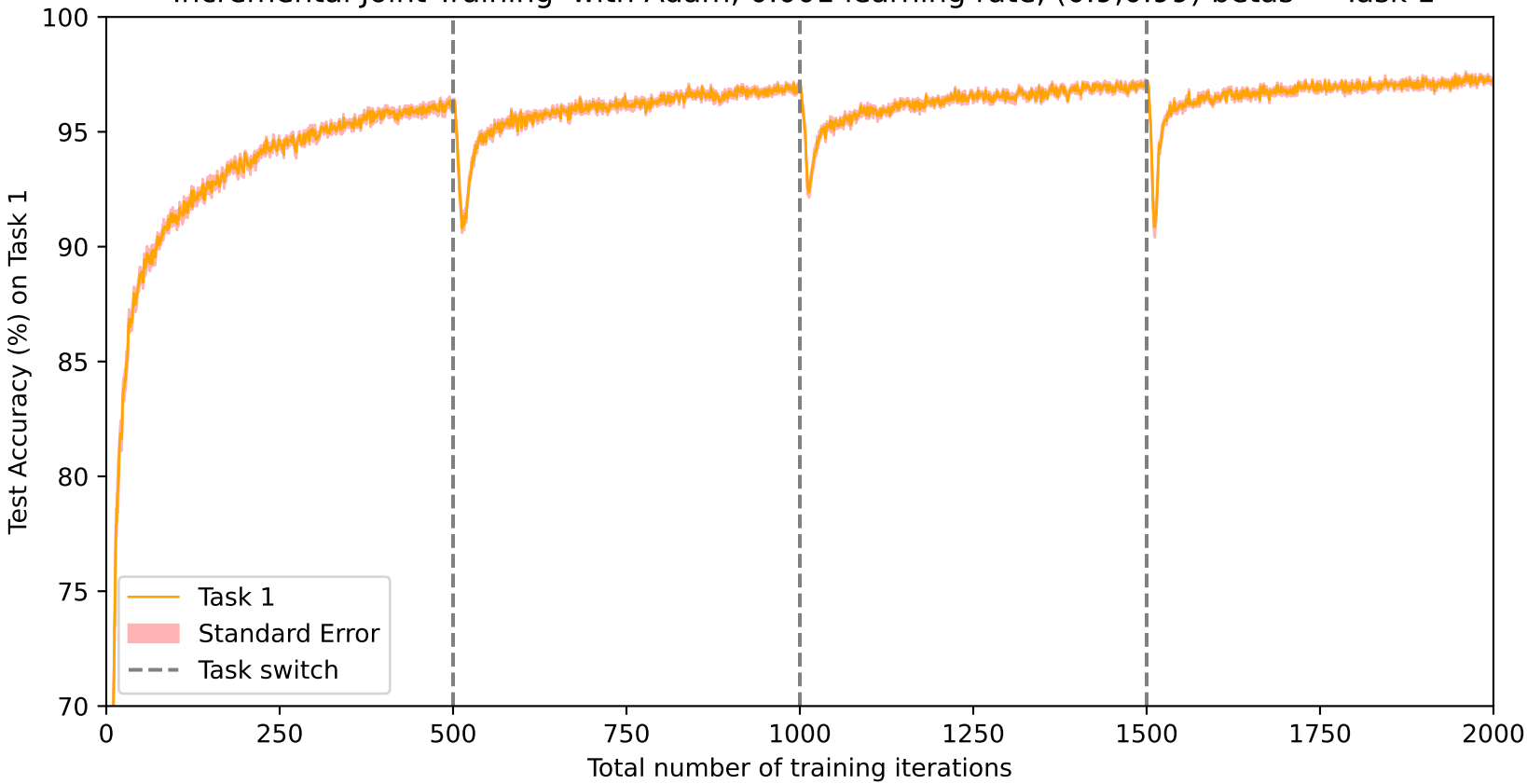
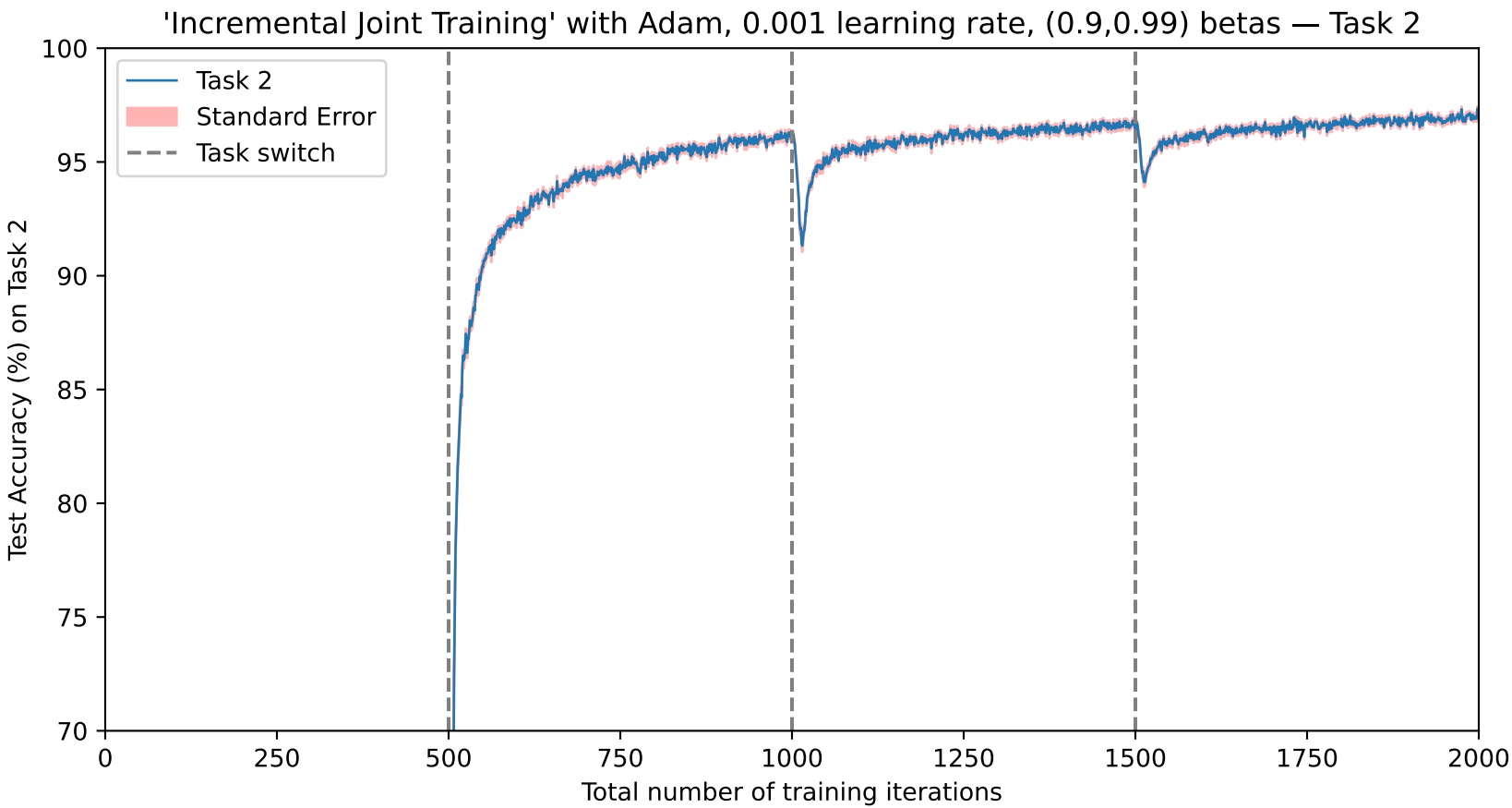
Task 1

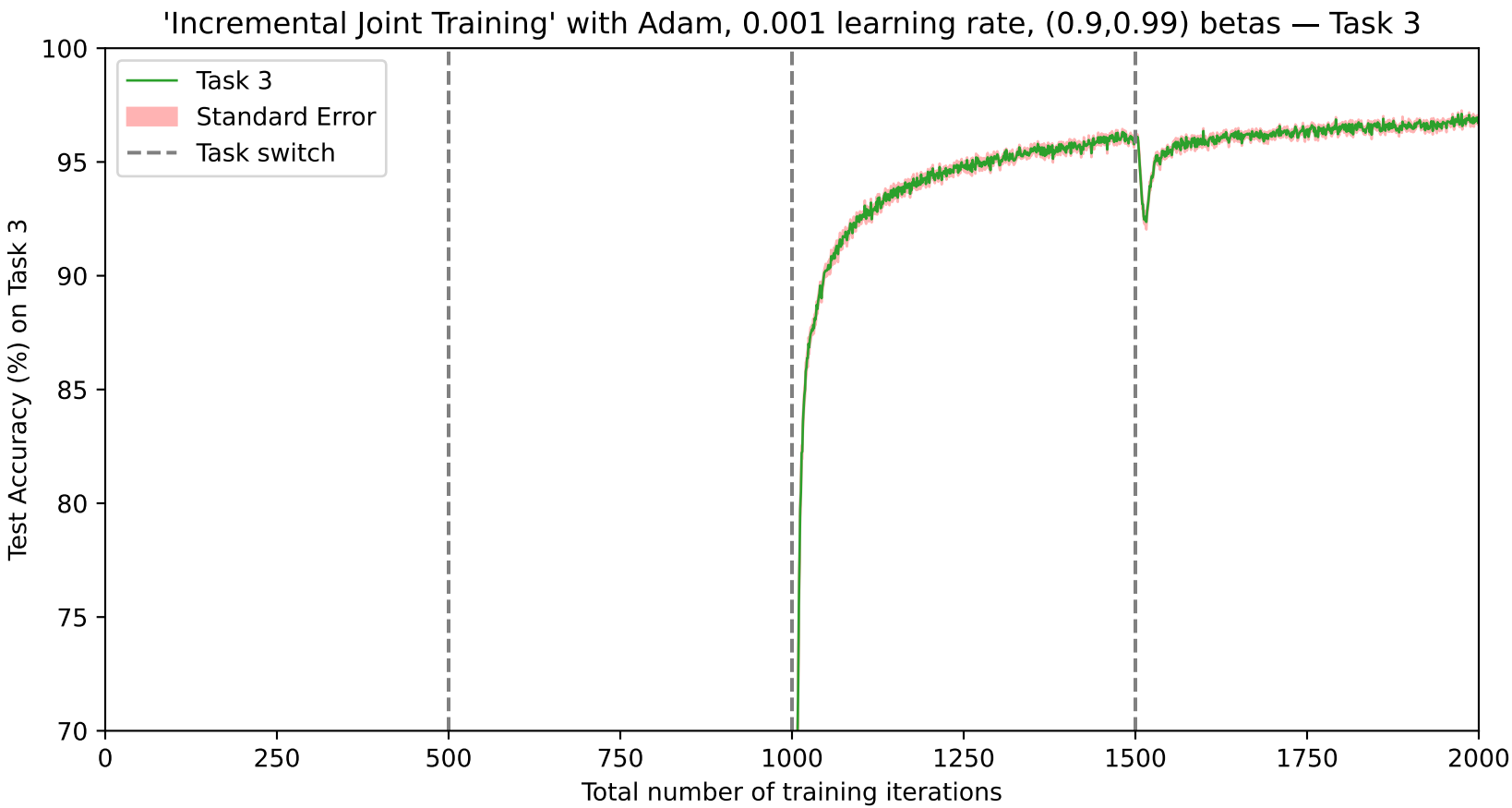
Task 2

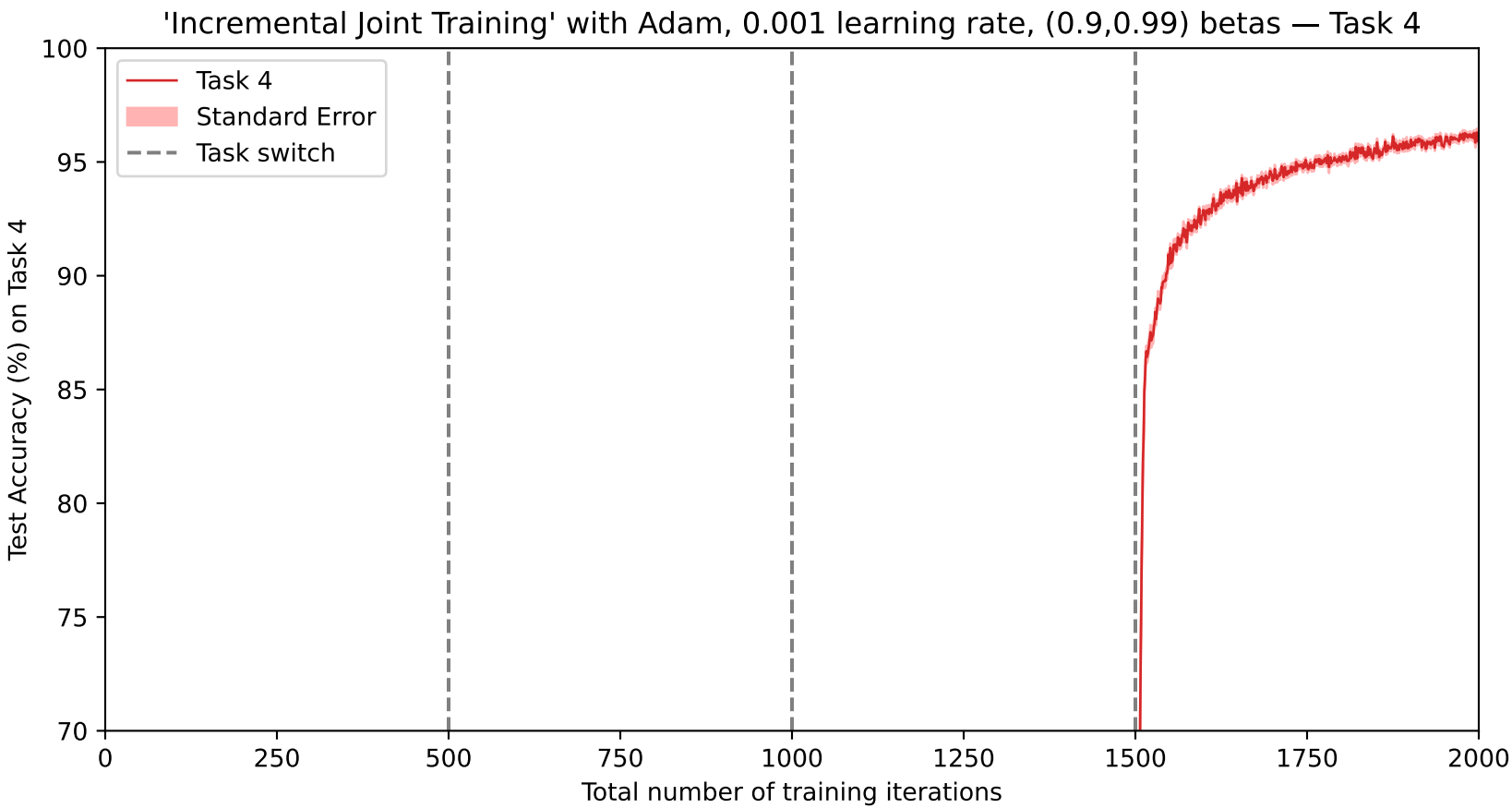
Task 3

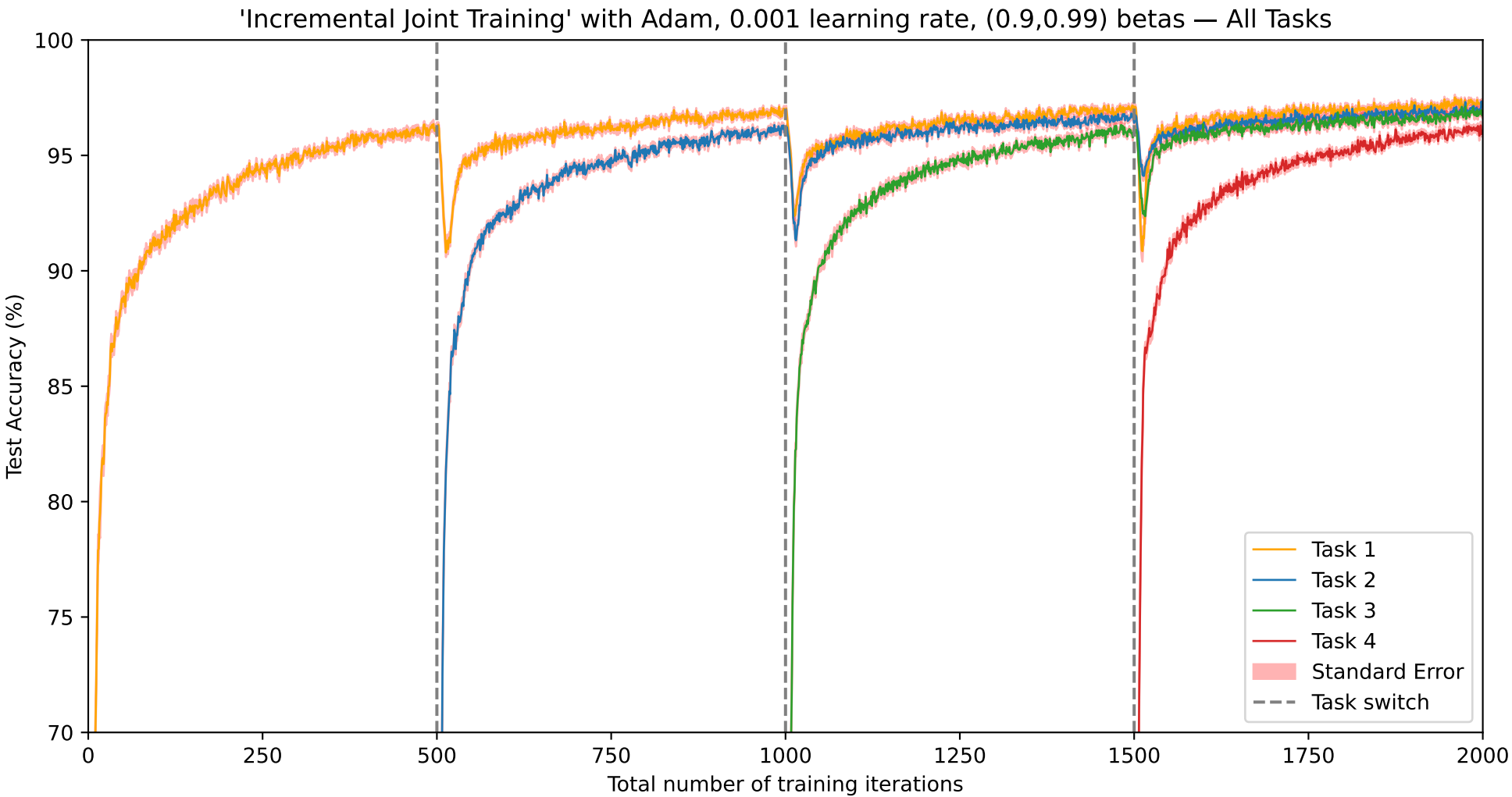
Task 4


'Incremental Joint Training' with Adam, 0.001 learning rate, (0.9,0.99) betas — 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 Adam, 0.001 learning rate, (0.9,0.99) betas — 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 Adam, 0.001 learning rate, (0.9,0.99) betas — 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 Adam, 0.001 learning rate, (0.9,0.99) betas — 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 Adam, 0.001 learning rate, (0.9,0.99) betas — 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: Adam
Learning Rate: 0.001
Betas: (0.9,0.99)
FORG: -1.04 (+/-0.11)
ACC: 96.78 (+/-0.06)
min-ACC: 90.76 (+/-0.15)
WC-ACC: 92.09 (+/-0.12)
WF10: 5.46 (+/-0.17)
WF100: 5.97 (+/-0.18)
WP10: 3.96 (+/-0.14)
WP100: 6.01 (+/-0.16)
TBP: 135.0 (+/-5.0)
GD: 4.13 (+/-0.11)
SD: -0.28 (+/-0.008)
SRfixed: 0.181 (+/-0.009)
SRfull: 0.047 (+/-0.002)