Multiple source domain: Accuracy

Source1: 8000

Source2: 8000

Target: 8000

80% training, 20% testing

| W+F--->T | 78.25/77.25/73.25/79.0/83.0  8000/4000/2000/1000/500 |
| --- | --- |
| T&W --->F | 71.3125/68.25/72.50/67.50/71.00  8000/4000/2000/1000/500 |
| T&F--->W | 79.375/78.5/79.75/80.5/80.0  8000/4000/2000/1000/500 |

No domain adversarial:

Source1: 8000 80% training

Source2: 8000 80% training

Target: 8000 \* 20% testing

T&F--->W: 82.75

T&W --->F: 61.8125

W+F--->T: 77.1875

Single Source domain: Accuracy

Source: 8000

Target: 8000

80% training, 20% testing

F->W : 65.375

W->F: 69.9375

W->T: 81.5

T->W: 78.0

F->T: 67.5

T->F: 69.375

Pure Classification:

F: 90.0625

Dataset:

| Dataset | training | testing |
| --- | --- | --- |
| Source1 | 6400 | 1600 |
| Source2 | 6400 | 1600 |
| Target | 6400 | 1600 |

Multiple source domain: Accuracy

| W+F--->T | 78.25 |
| --- | --- |
| T&W --->F | 71.3125 |
| T&F--->W | 79.375 |

No domain adversarial

| W+F--->T | 77.1875  73.0/74.0/73.5/74.5  500/1000/2000/4000 |
| --- | --- |
| T&W --->F | 61.8125  60.0/58.0/62.5/61.25  500/1000/2000/4000 |
| T&F--->W | 82.75  82.0/76.5/79.5/82.625  500/1000/2000/4000 |

Single Source Domain:

| F->W | 65.375  54.0/66.5/62.0/66.375  500/1000/2000/4000 |
| --- | --- |
| W->F | 69.9375  66.0/55.5/68.0/68.875  500/1000/2000/4000 |
| W->T | 81.5  82.0/80.5/74.5/78.125  500/1000/2000/4000 |
| T->W | 78.0  78.0/75.0/75.75/76.25  500/1000/2000/4000 |
| F->T | 67.5  69.0/68.0/67.75/66.875  500/1000/2000/4000 |
| T->F | 69.375  64.0/60.0/73.5/66.125  500/1000/2000/4000 |

Pure Classification:

| F | 90.0625  73.0/73.0/78.0/81.75  500/1000/2000/4000 |
| --- | --- |
| T | 92.75  91.0/88.5/89.5/92.5  500/1000/2000/4000 |
| W | 87.875  76.0/85.0/85.5/86.625  500/1000/2000/4000 |

Summary:

| Train/Test | MS\_DANN | Singe\_DANN | No adversarial |
| --- | --- | --- | --- |
| W+F / T | 78.25 | 81.5 | 77.1875 |
| T+W / F | 71.3125 | 69.9375 | 61.8125 |
| T+F / W | 79.375 | 78.0 | 82.75 |