# Mediamill

## Parameters:

1. input_size = 120
2. output_size = 101
3. embedding_size = 100
4. attention_layer_size = 50
5. encoder_layer_size = 120
6. hidden_layer_size = 80
7. learning_rate = 1e-3
8. epochs = 100
9. batch_size = 1024
10. reg_par = 1e-5

Normal loss

| P@1 | P@3 | P@5 | n@1 | n@3 | n@5 |
|---|---|---|---|---|---|
| 79.97 | 63.96 | 45.16 | 79.97 | 71.35 | 64.69 |

DCCA loss

| P@1 | P@3 | P@5 | n@1 | n@3 | n@5 |
|---|---|---|---|---|---|
| 75.87 | 47.23 | 41.1 | 75.87 | 53.24 | 44.60 |