

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

With all ReLus and 1 sigmoid and m =0.6, 150 epochs

P@1	P@3	P@5	n@1	n@3	n@5
79.75	62.69	46.85	79.75	69.75	65.04

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