

Training Detail

Dataset	Single penduleum		
Training_data	135 videos	50 frames/video	300 x 300 pixels/frame
Testing_data	15 videos	50 frames/vidoe	300 x 300 pixels/frame
num_clips	100,000		
Training_steps	20,000		

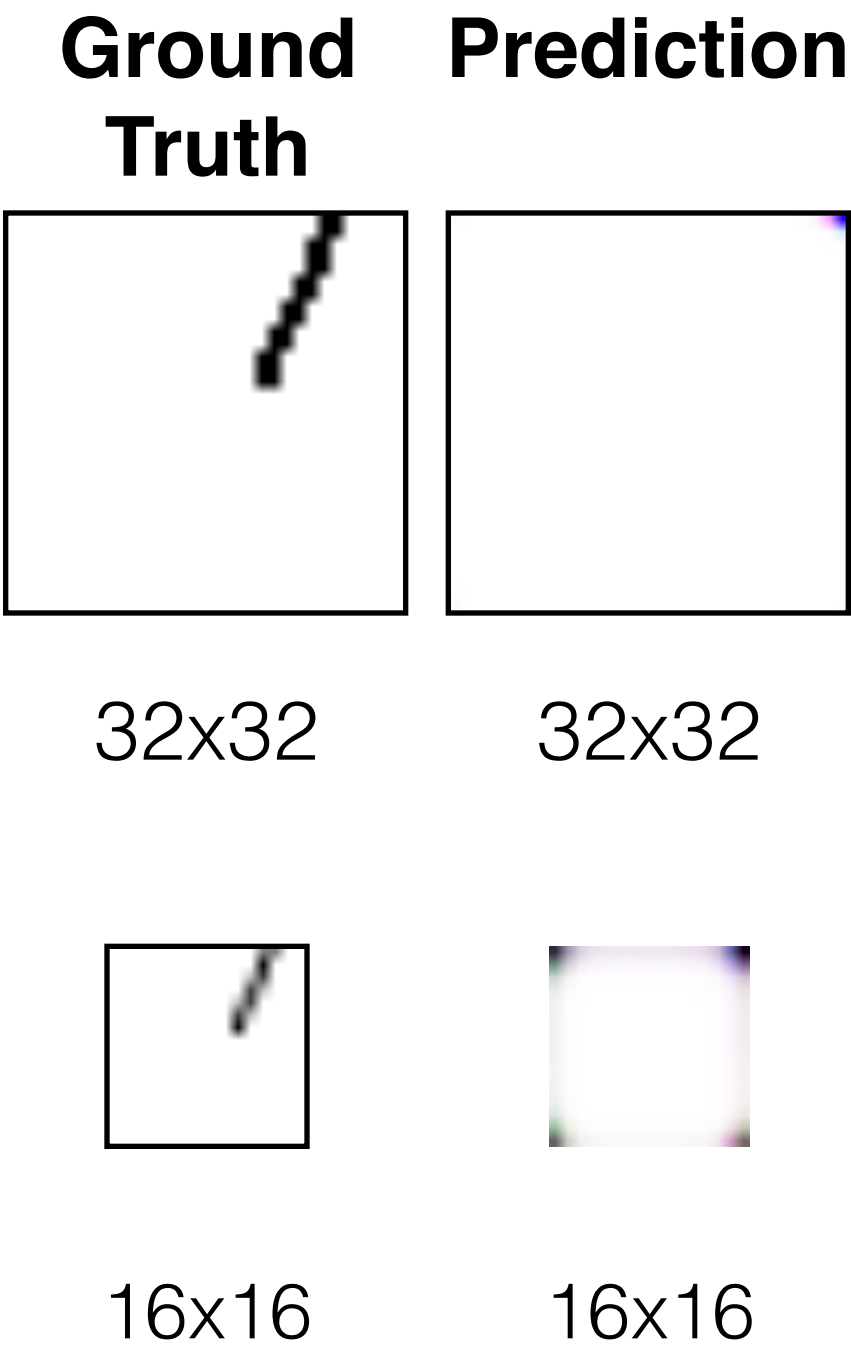
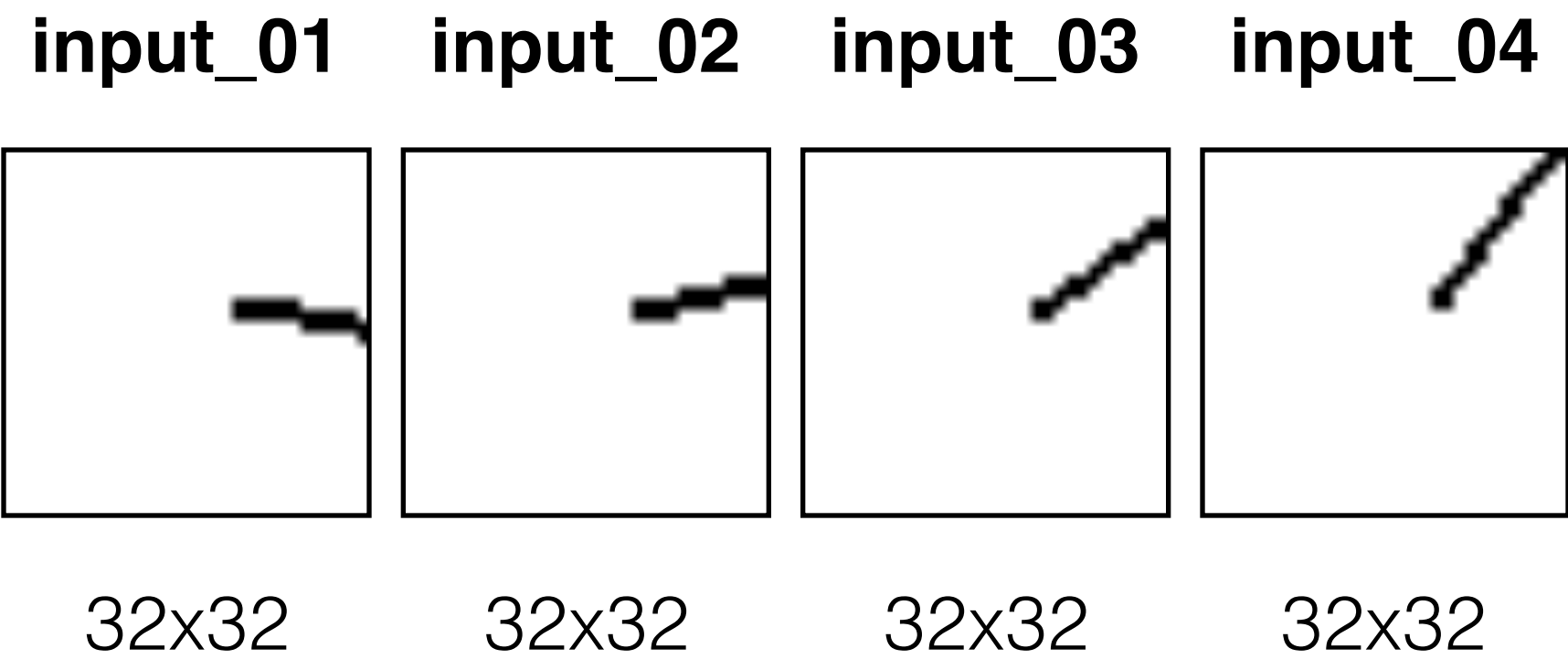
e.g.:

30 degree



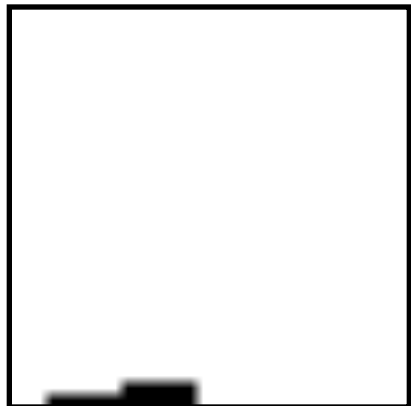
Training Results

Step: 1,000



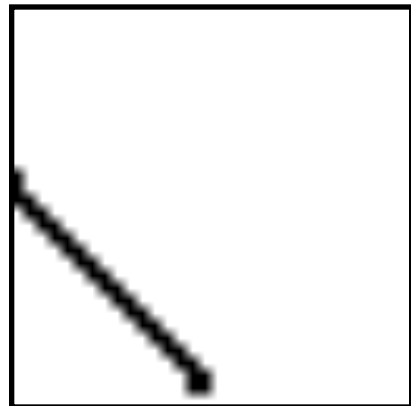
Step: 5,000

input_01



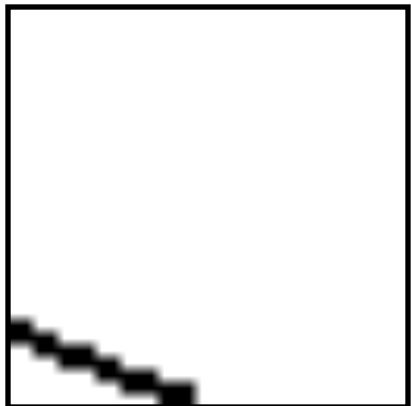
32x32

input_02



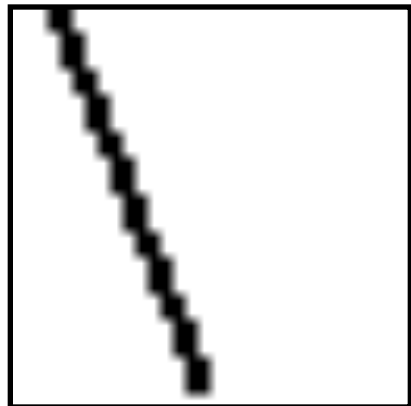
32x32

input_03



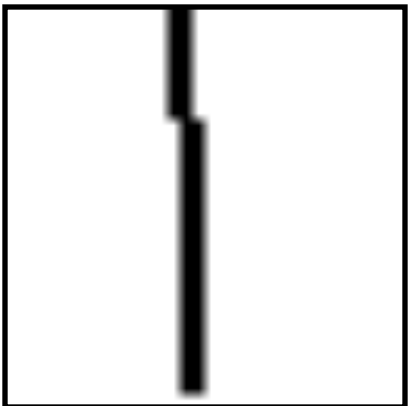
32x32

input_04



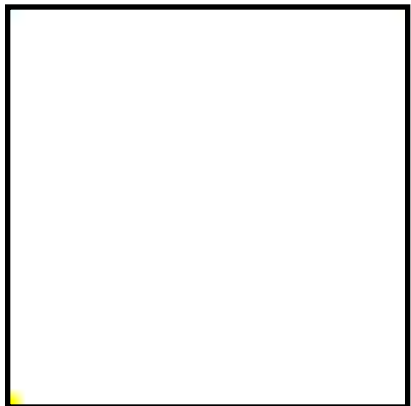
32x32

Ground
Truth



32x32

Prediction



32x32



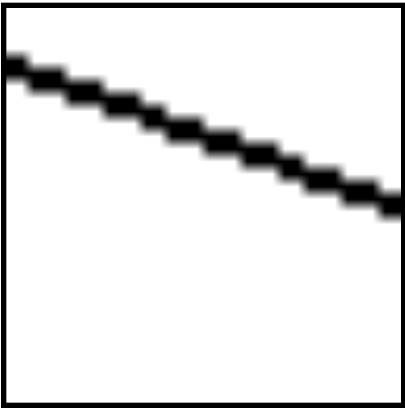
16x16



16x16

Step: 10,000

input_01



32x32

input_02



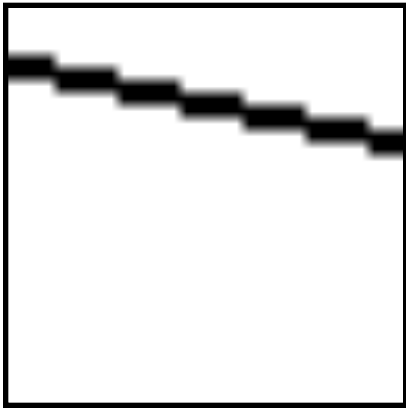
32x32

input_03



32x32

input_04



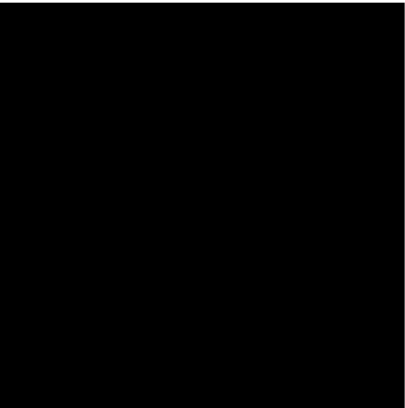
32x32

Ground
Truth



32x32

Prediction



32x32



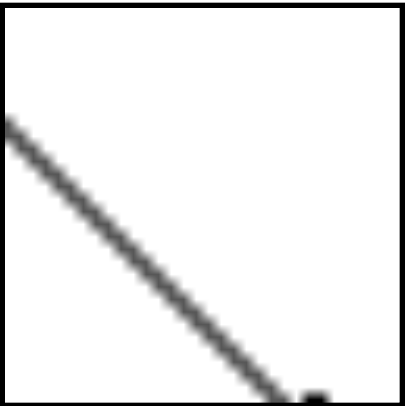
16x16



16x16

Step: 15,000

input_01



32x32

input_02



32x32

input_03



32x32

input_04



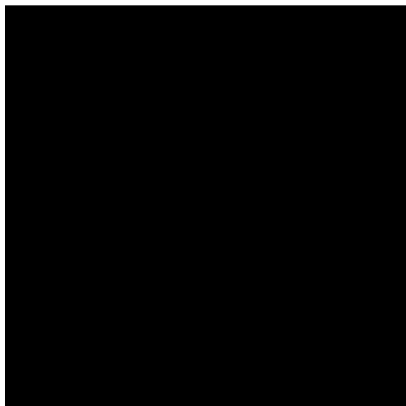
32x32

Ground
Truth



32x32

Prediction



32x32



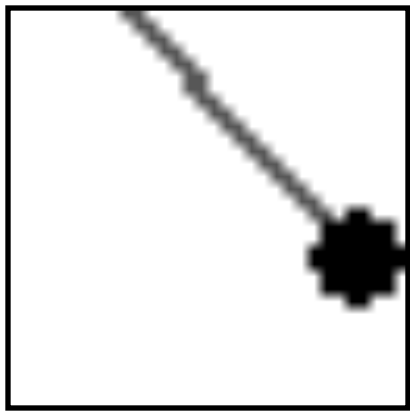
16x16



16x16

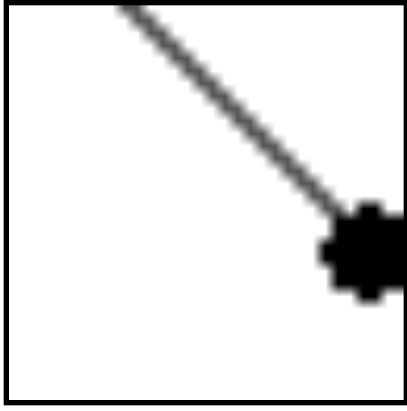
Step: 20,000

input_01



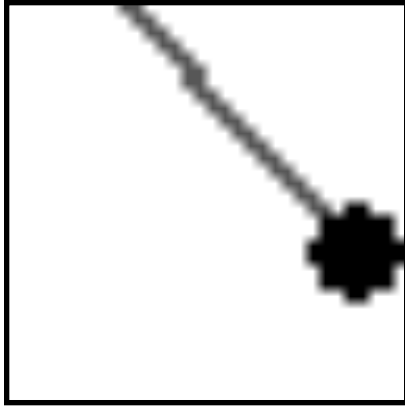
32x32

input_02



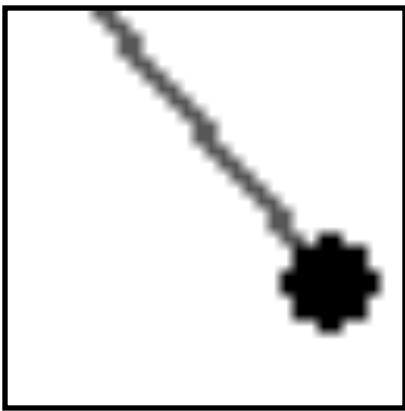
32x32

input_03



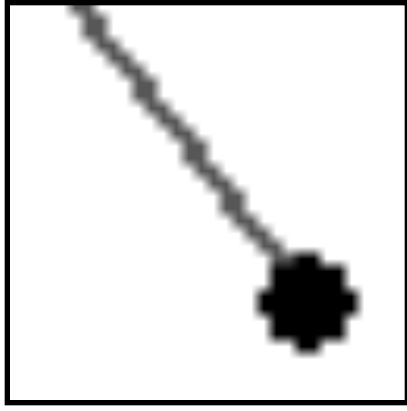
32x32

input_04



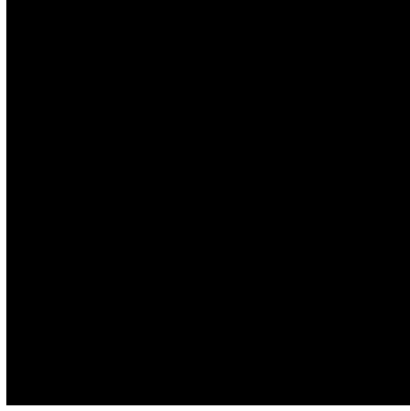
32x32

Ground
Truth



32x32

Prediction



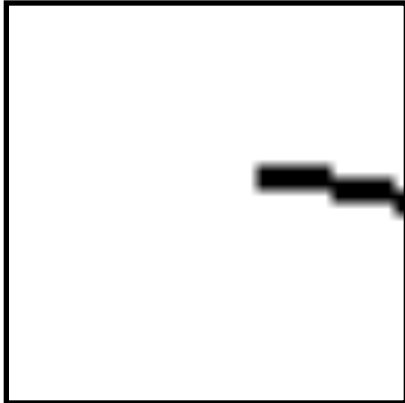
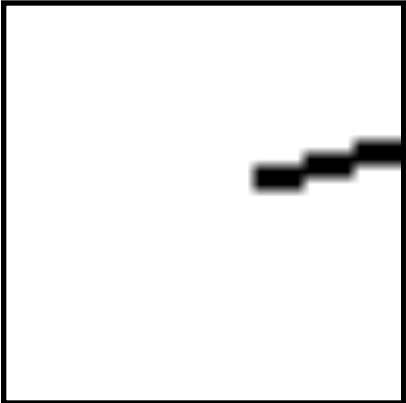
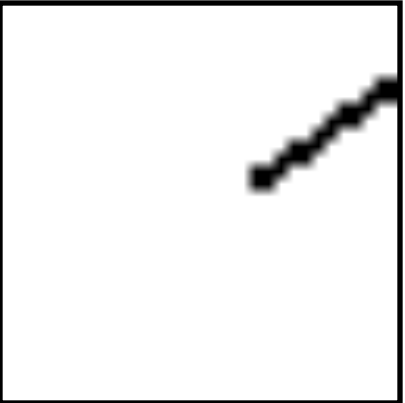

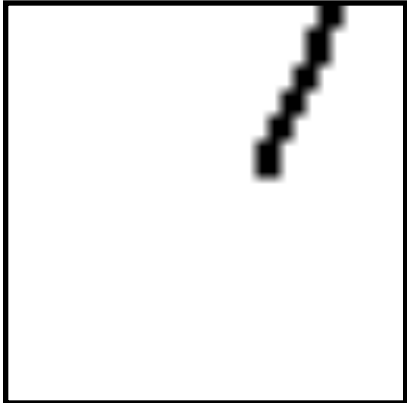
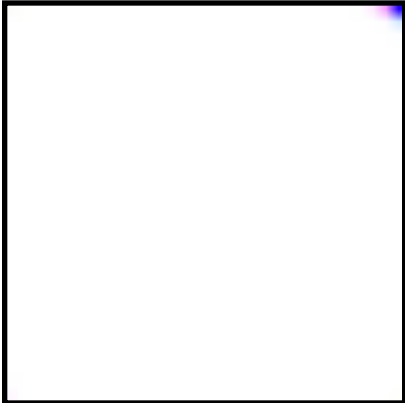


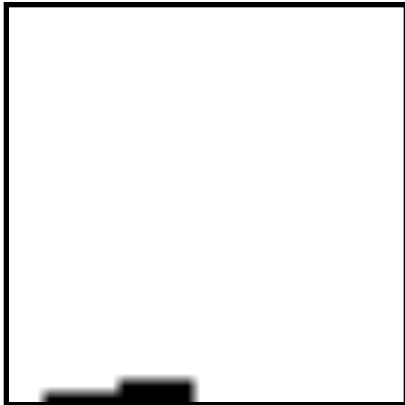
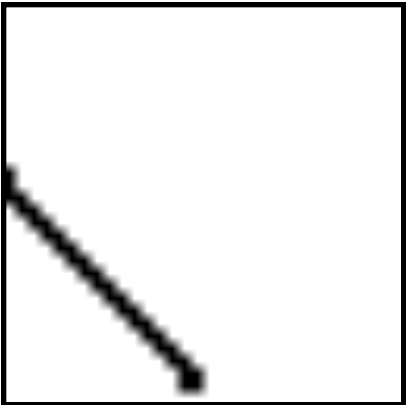
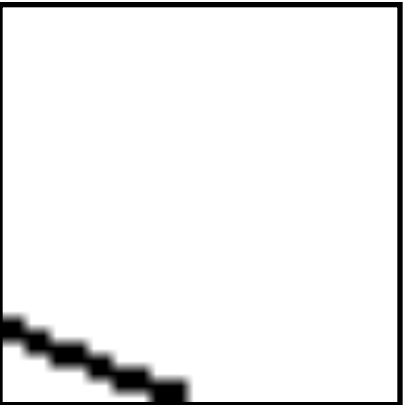
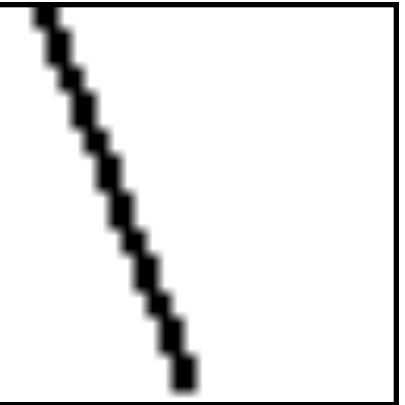
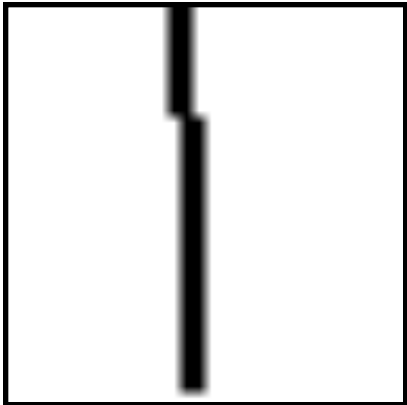
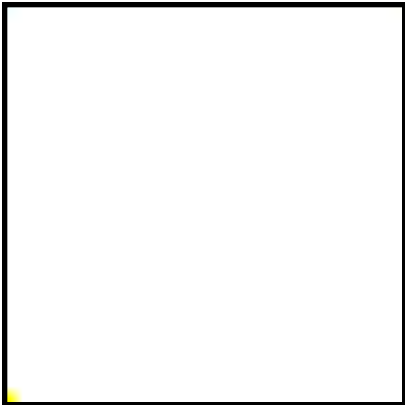


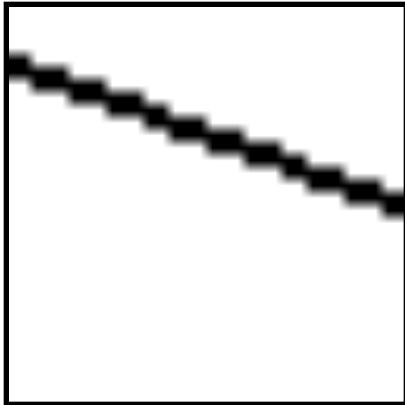
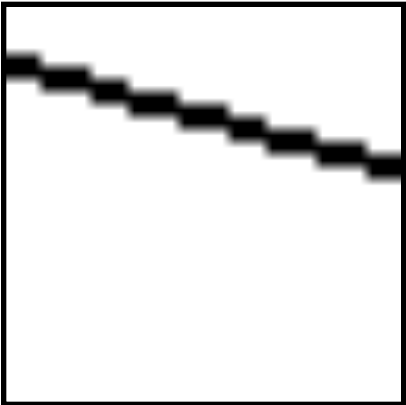
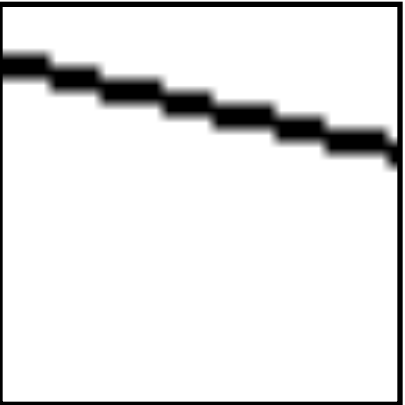
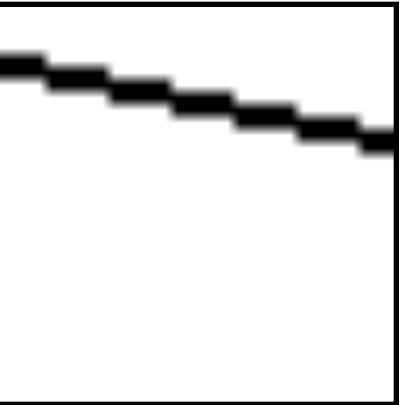
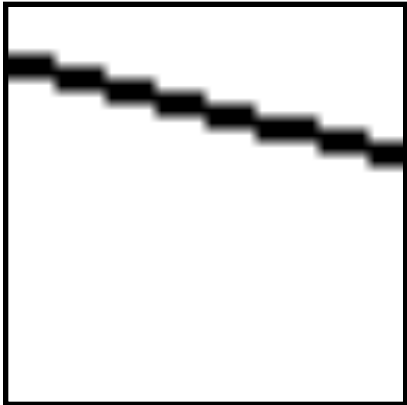
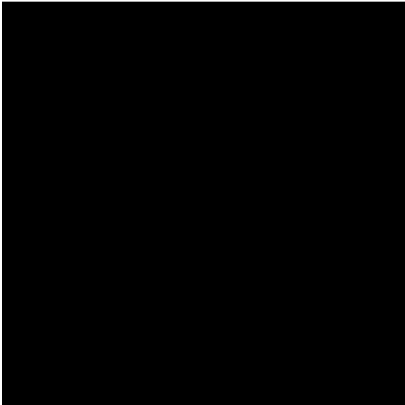


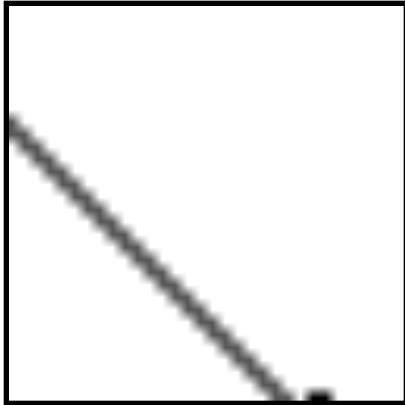
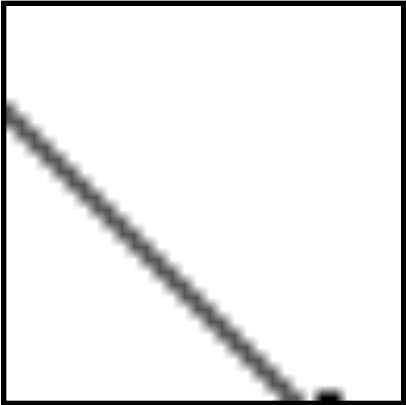



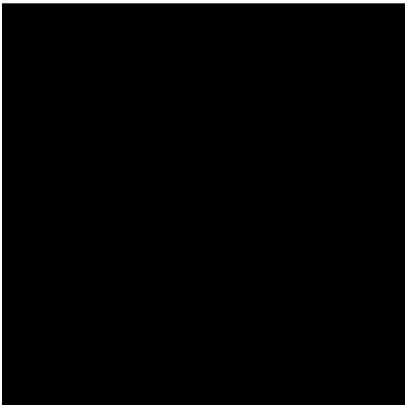


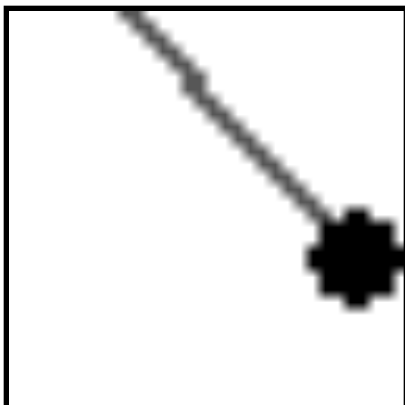
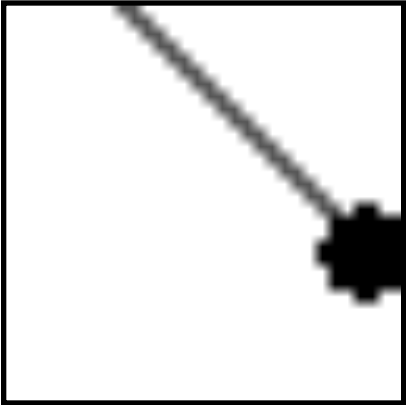

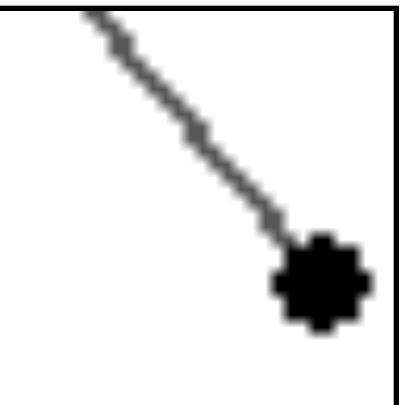
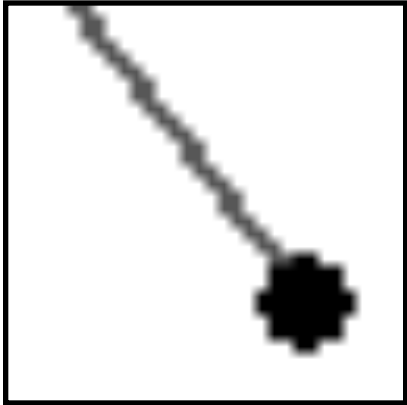
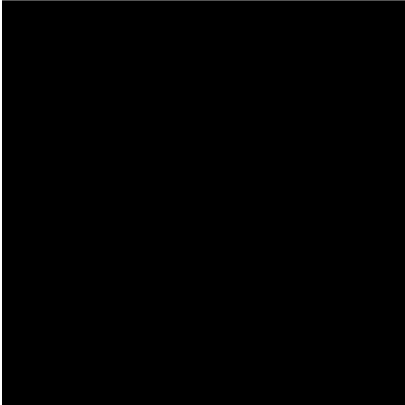
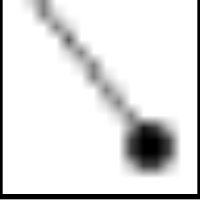

32x32



16x16

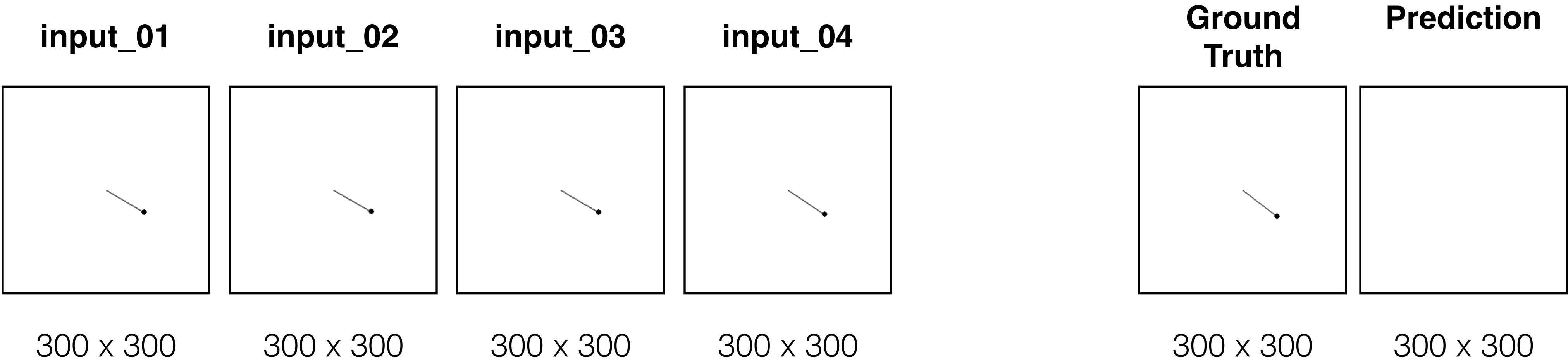


16x16

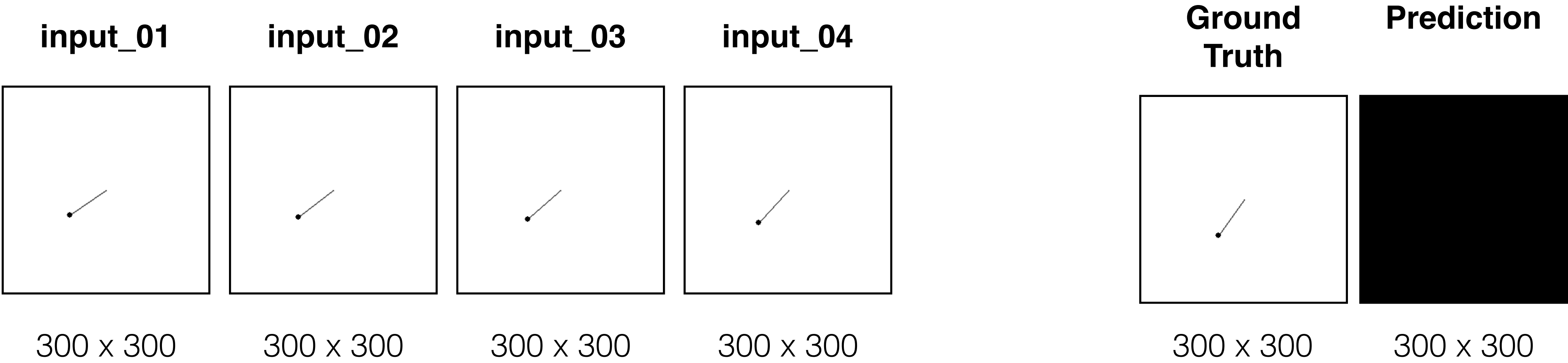
	input_01	input_02	input_03	input_04	Ground Truth	Prediction	Ground Truth	Prediction
Step: 1,000								
Step: 5,000								
Step: 10,000								
Step: 15,000								
Step: 20,000								

Testing Results

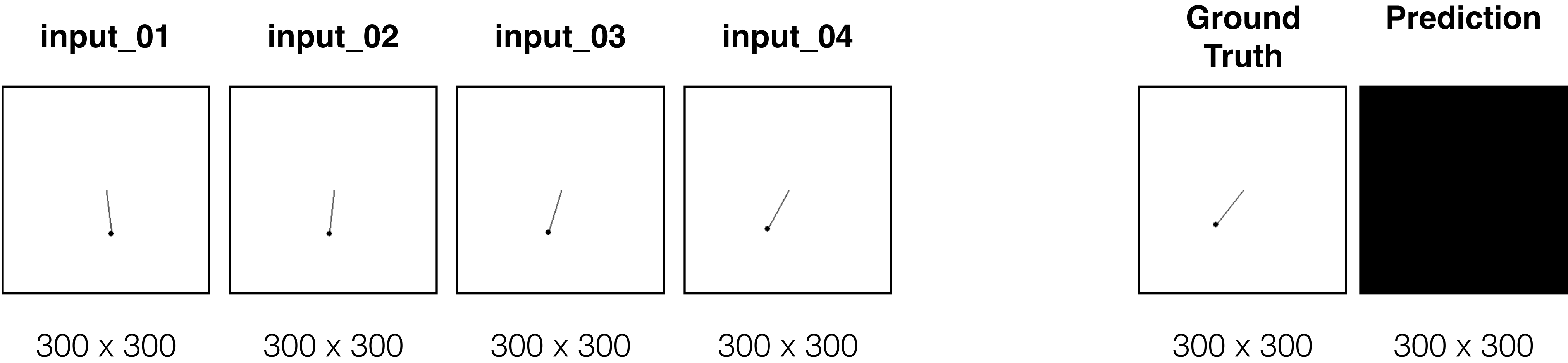
Step: 5,000



Step: 10,000



Step: 15,000



Step: 20,000

