

Below are the settings we used for Running with Scissors Episode 2

Head to Head test shown at [Video](#) 5:09

General Settings	
Size	20x20
Engine	Head to Head (useAble VS TensorFlow)
Sessions	100

useAble Settings		
Number of Session Randomness	50%	
	Starting	Ending
Randomness	30%	0%

Tensorflow Settings	
Random Action Prob	0.9
Random Action Decay	0.99
Hidden1 Size	200
Hidden2 Size	100
Learning Rate	0.002
Minibatch Size	50
Discount Factor	0.9
Target Update Frequency	300

Tensorflow test shown at [Video](#) 8:05

General Settings	
Size	8x8
Engine	TensorFlow
Sessions	1767

Tensorflow Settings	
Random Action Prob	0.9
Random Action Decay	0.99
Hidden1 Size	200
Hidden2 Size	100
Learning Rate	0.002
Minibatch Size	50
Discount Factor	0.9
Target Update Frequency	300