Average reward using actor-critic IRL

$\gamma = 0.9$, $\mu_j^* = 5$, $L = 0.5$, $\alpha_\theta = 0.001$, $\alpha_\upsilon = 0.0001$

Average Reward

Episodes

RL Classic
$\sigma_J = 0.1$
$\sigma_J = 0.8$
$\sigma_J = 1$
$\sigma_J = 2$
$\sigma_J = 4$