$N_{ed}=2$, $p_{ed}=0.25$, $N_{re}=4$, $S=10$, $p=2$, $c=0.1$, $N_c=100$
$d_{\text{attract}}=100$, $w_{\text{attract}}=0.01$, $h_{\text{repellant}}=0.4$, $w_{\text{repellant}}=0.01$

$J^*=0.088$