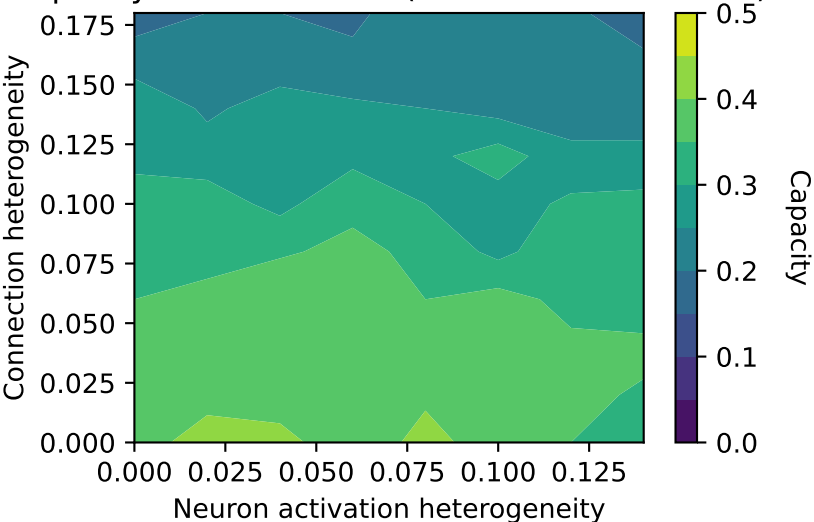
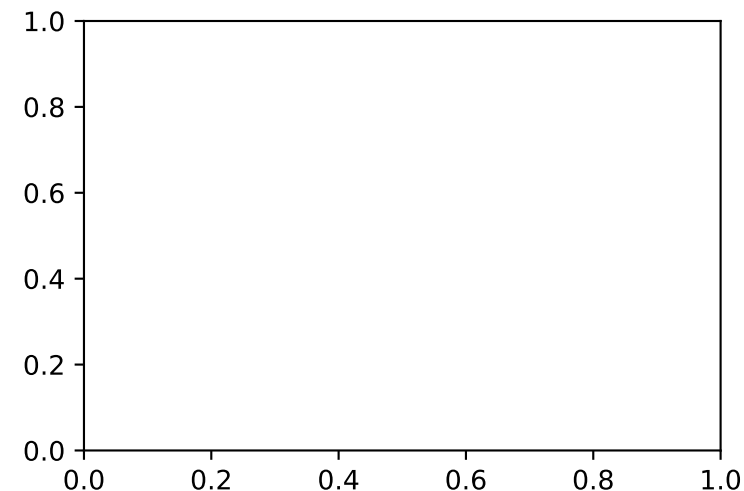
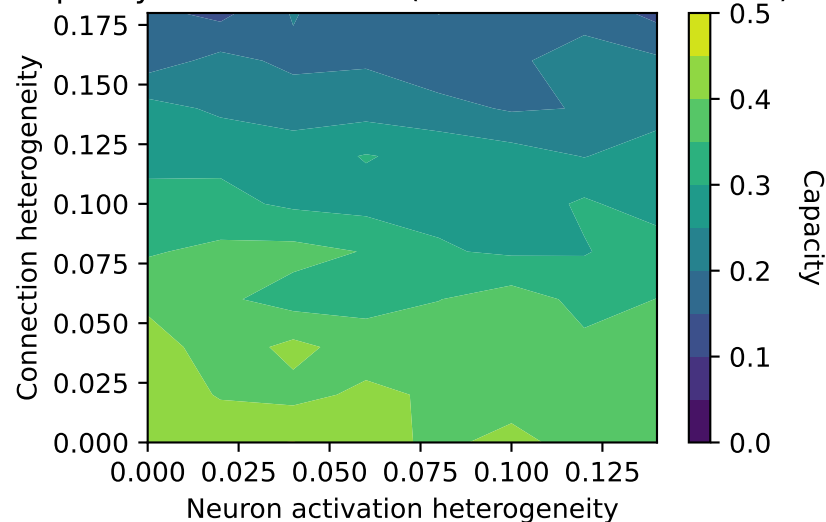


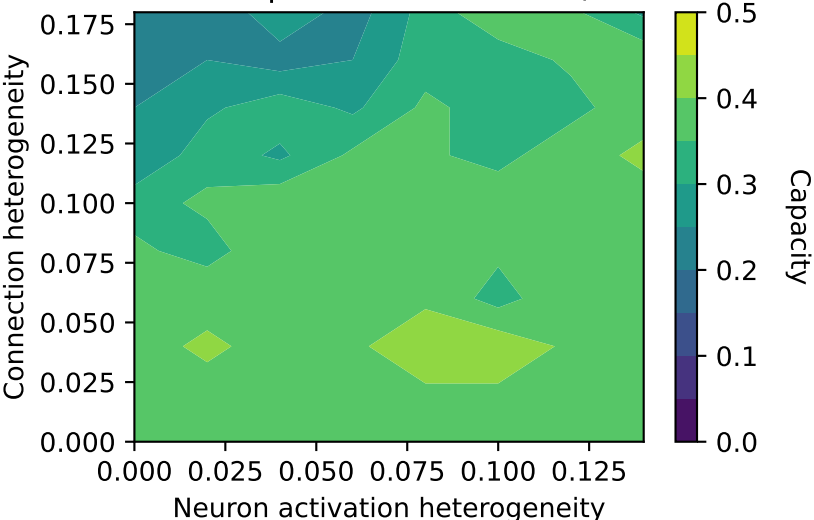
Capacity of the network (Numerical simulation)



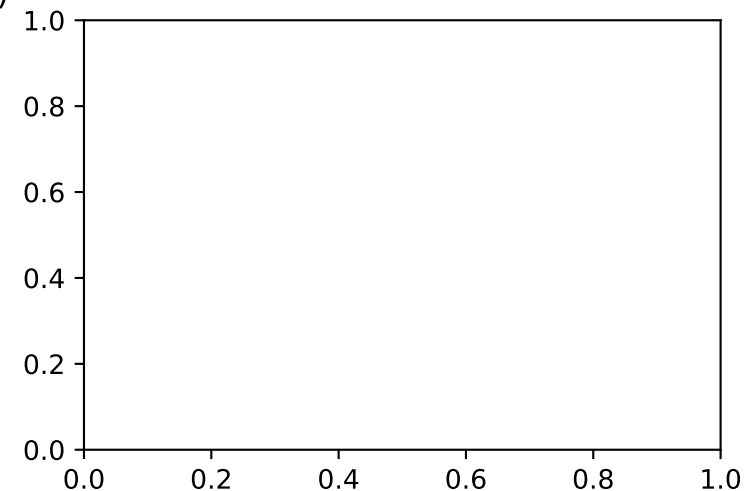
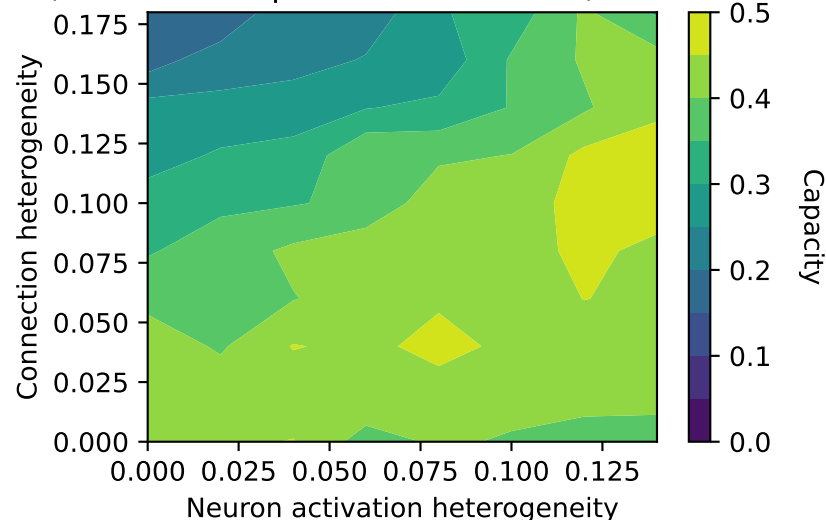
Capacity of the network (Theoretical estimation)



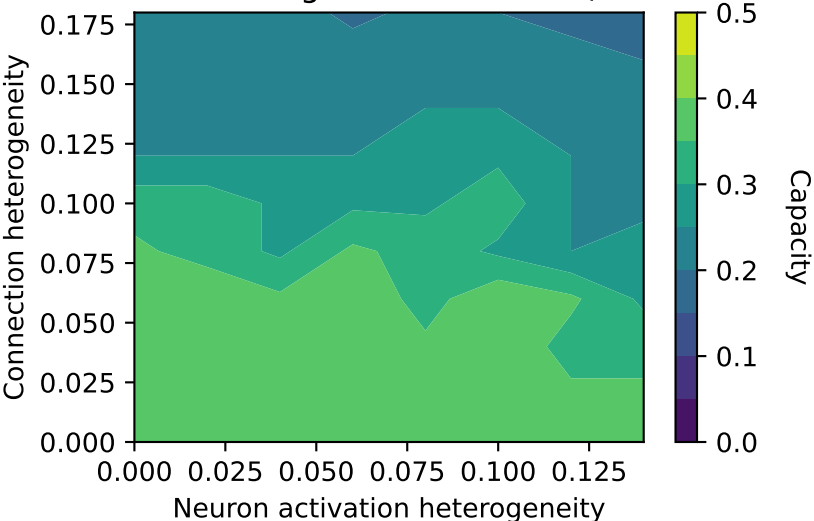
Connection and activation positive correlated (Numerical simulation)



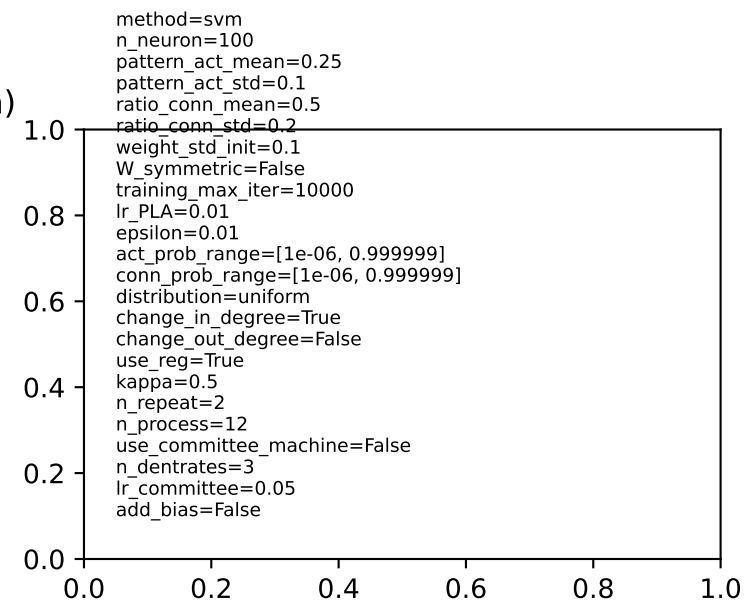
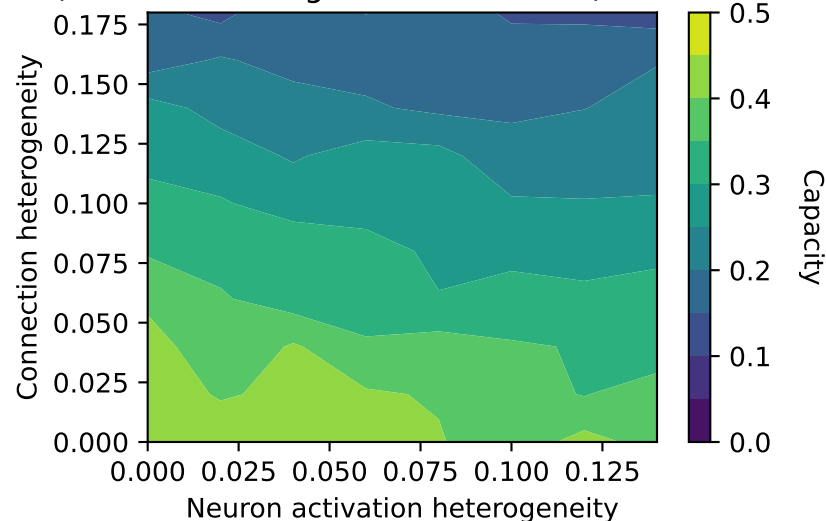
Connection and activation positive correlated (Theoretical estimation)



Connection and activation negative correlated (Numerical simulation)



Connection and activation negative correlated (Theoretical estimation)



```

method=svm
n_neuron=100
pattern_act_mean=0.25
pattern_act_std=0.1
ratio_conn_mean=0.5
ratio_conn_std=0.2
weight_std_init=0.1
W_symmetric=False
training_max_iter=10000
lr_PLA=0.01
epsilon=0.01
act_prob_range=[1e-06, 0.999999]
conn_prob_range=[1e-06, 0.999999]
distribution=uniform
change_in_degree=True
change_out_degree=False
use_reg=True
kappa=0.5
n_repeat=2
n_process=12
use_committee_machine=False
n_dentrates=3
lr_committee=0.05
add_bias=False

```