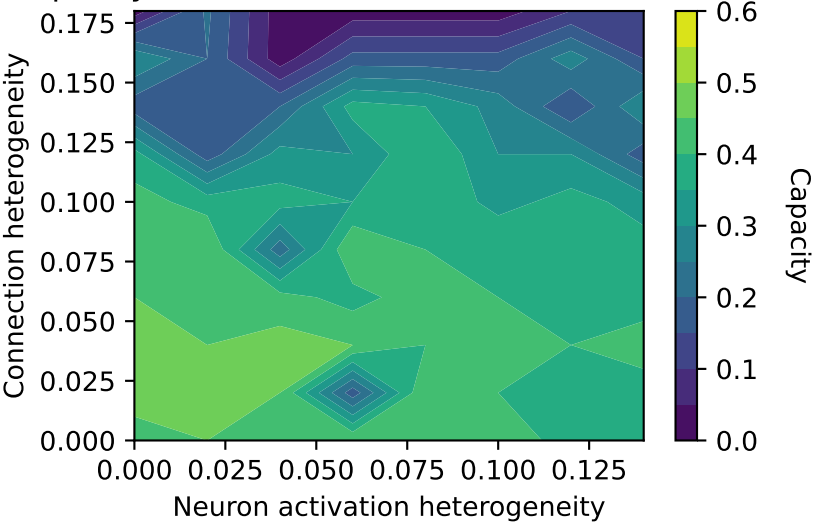
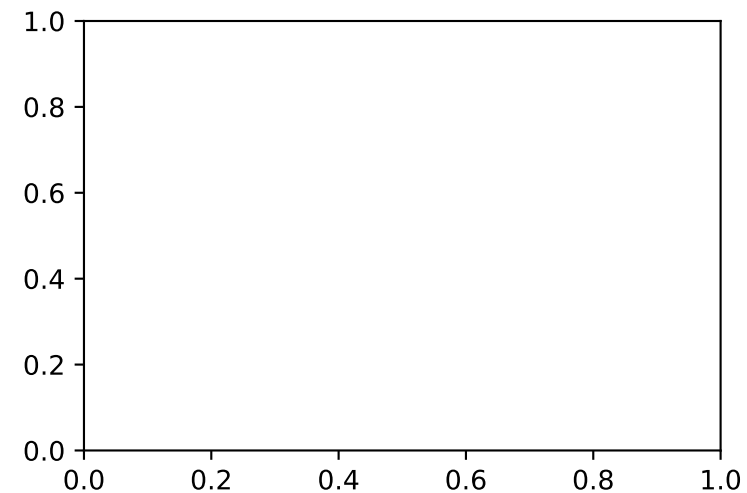
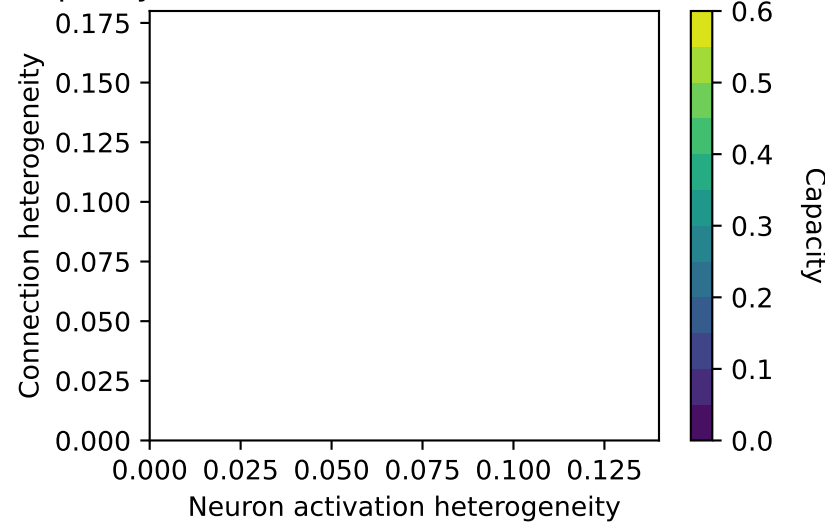


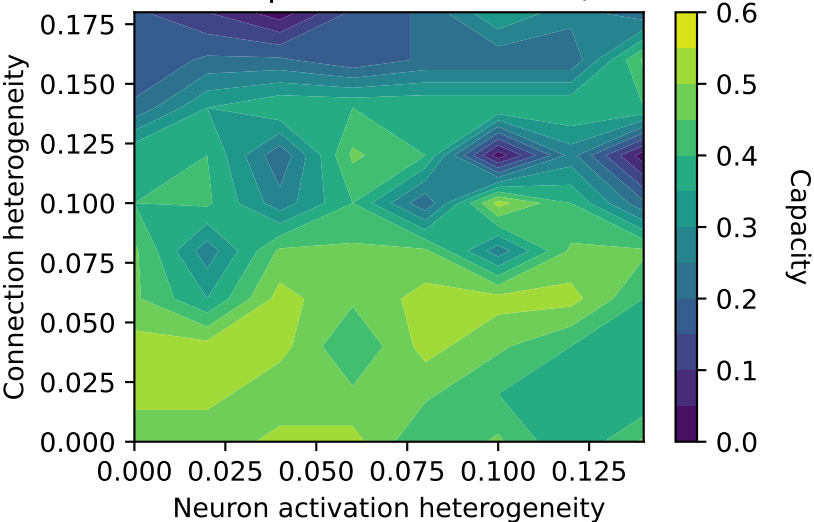
Capacity of the network (Numerical simulation)



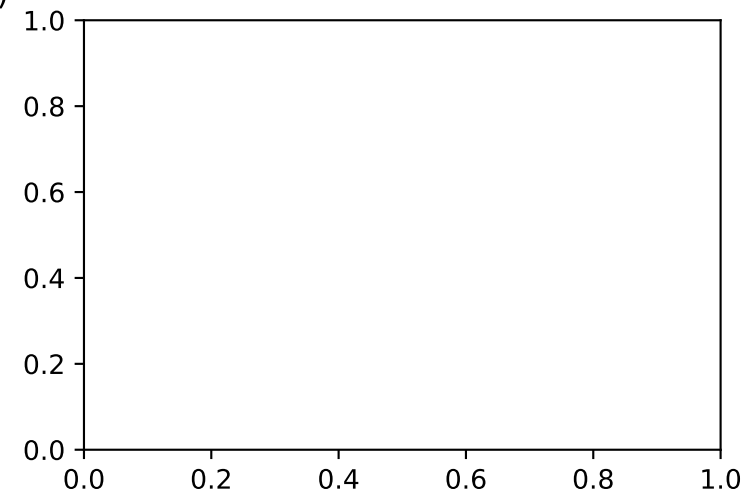
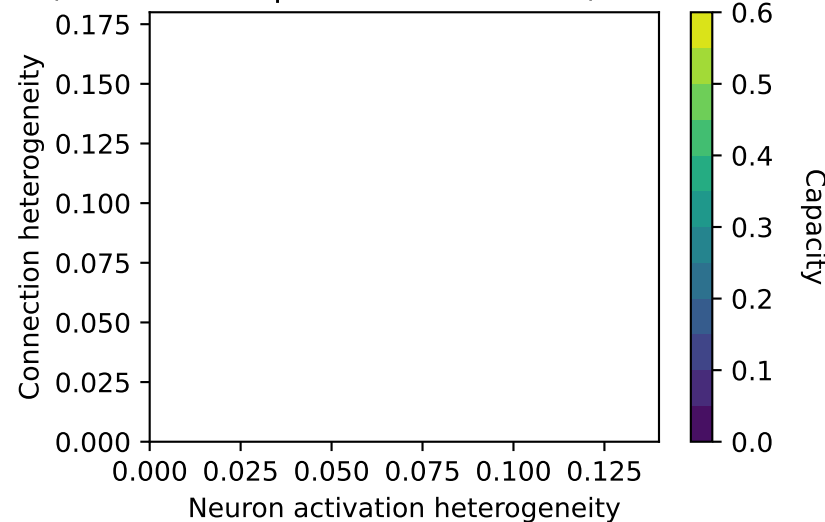
Capacity of the network (Theoretical estimation)



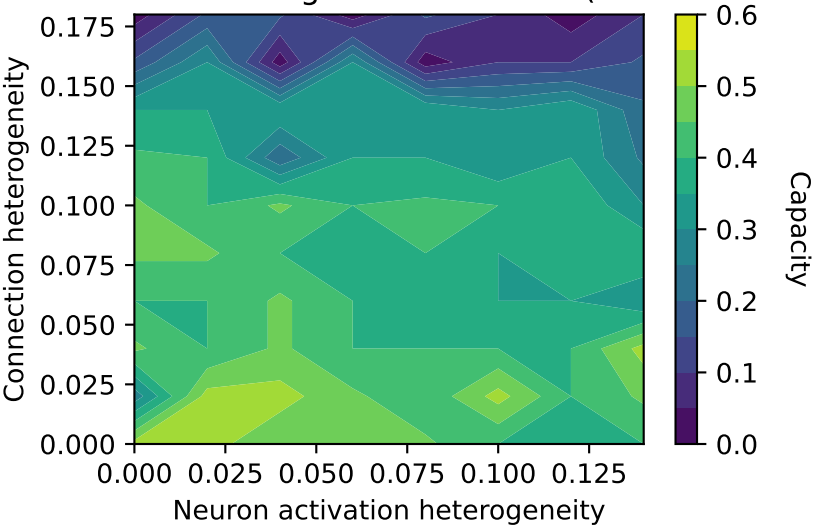
n and activation positive correlated (Numerical simulation)



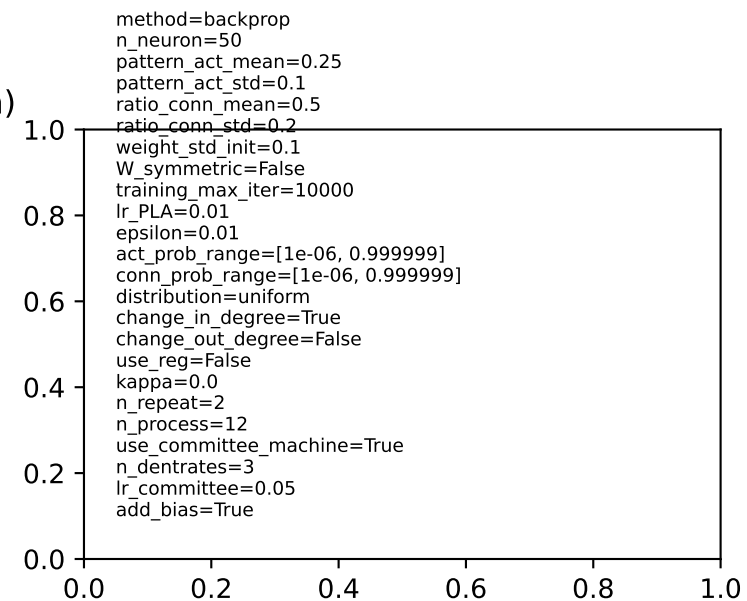
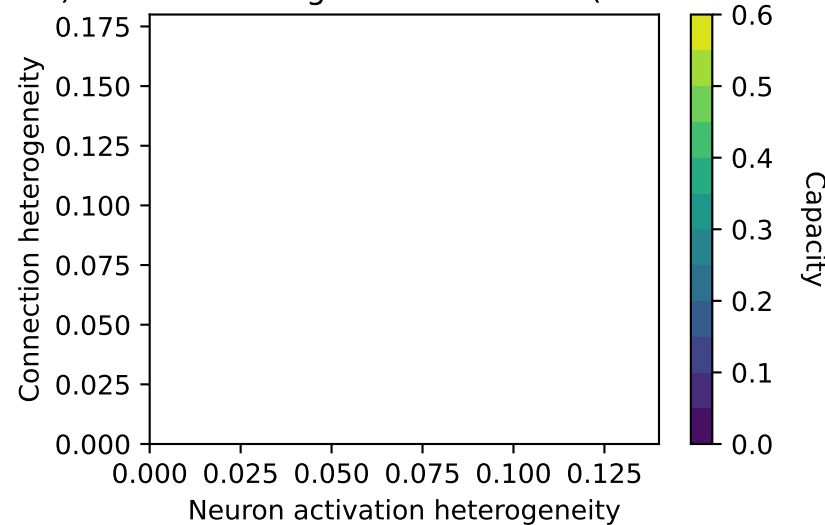
n and activation positive correlated (Theoretical estimation)



n and activation negative correlated (Numerical simulation)



n and activation negative correlated (Theoretical estimation)



```

method=backprop
n_neuron=50
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=False
kappa=0.0
n_repeat=2
n_process=12
use_committee_machine=True
n_dentrates=3
lr_committee=0.05
add_bias=True

```