**ESPERIMENTI**

**M/M/1 queue with balking**

StopNumber = 200;

numQueue= 1;

numServers= [1];

min\_balking=10;

max\_length=15;

arrivalRate=3;

serviceRate=4;

RESULTS:

Queue 1: Lost Clients = 0  
Queue 1: Average Length = 4.64  
Queue 1: Average Waiting Time = 4.66  
Queue 1: Average Total Time = 5.61

**BENZINAIO**

StopNumber = 200;

numQueue= 2;

numServers= [4,1];

arrivalRate1 = 10;

serviceRate1 = 2;

serviceRate2 = 1;

maxLength = 5;

minPref=1;

maxPref=2;

RESULTS:

Queue 1: Lost Clients = 0  
Queue 1: Average Length = 0.01  
Queue 1: Average Waiting Time = 0.01  
Queue 1: Average Total Time = 0.94  
Queue 2: Lost Clients = 0  
Queue 2: Average Length = 3.89  
Queue 2: Average Waiting Time = 4.60  
Queue 2: Average Total Time = 5.61