Execution time by  $\boldsymbol{\epsilon}$  (radius of disk in mts) in Beijing dataset. 5 10 15 150 **-**100 -50 **-**20 25 30 150 **-**100 -Implementation - PFlock 50 **-**35 40 45 150 **-**100 -50 **-**

100K

20K

40K

60K

100K

80K

100K

80K

60K

20K

40K

60K

Number of points

80K

Time (sec)

20K

40K