Execution time by $\boldsymbol{\epsilon}$ (radius of disk in mts) in Beijing dataset. 10 20 30 40 50 40 -30 -20 -10 -60 70 90 100 80 40 -30 -20 -10 -Implementation - PFLOCK1 110 120 130 140 150 -▲· PFLOCK2 30 -20 -10 -160 190 170 180 200 40 -30 -20 **-**10 -

100K

20K

40K

60K

80K

60K

Number of points

40K

100K

20K

80K

100K

80K

60K

40K

Time (sec)

100K

20K

40K

60K

80K

60K

20K

40K

100K

20K

80K