Here, we summarized the data, code, and necessary documents. We used Matlab and Python as our tools, and the code were integrated into three parts as “1\_Trajectory\_estimation”, “2\_PageRank”, and “3\_word\_embedding” for ease of use.

**The order for code running:**

“1\_Trajectory\_estimation” Folder: Part\_1.py🡪Part\_2\_Main\_paths\_estiamtion.py;

“2\_PageRank” Folder: 1\_geo2cellid🡪2\_cellid2node.py🡪3\_PageRank.m🡪4\_getstopovers.py;

“3\_word\_embedding”Folder: 5\_getwords🡪6\_getvectors.py