**Organization of the source code**

|  |  |  |
| --- | --- | --- |
| ***Sr. No.*** | ***File name*** | ***Ref figures or table*** |
| 1 | Exploratory\_data\_analysis.ipynb | **Fig3.** Geography of Canadian Arctic |
| 2 | Initial\_Model\_development.ipynb | **Table3.** Experimental design  **Fig5.** Network diagram  **Fig6.** Pareto Front |
|  | Current\_vs\_proposed.ipynb | **Table4** Compare with traditional++  **Table5.** Resource deployment  **Fig7.** Resource allocation  **AppendixC.** Model output  **Fig8.** Current vs proposed facility location  **Table5.** Sensitivity of number of facilities |
| 3 | Sensitivity\_analysis.ipynb |  |
|  |  |  |
|  |  |  |