11. FURTHER RESEARCH

The analyses lead to the following recommendations for further research and more accurate results:

- Increasing the area of study would allow gathering more data from different bus routes.
- Increasing the age range of the data. Data from previous years could allow analyzing both the spatial stability and temporal stability of the network.
- Including in the analytical model the construction and maintenance costs that the implementation of the optimal results would imply.
- Including in the analytical model the applicability of increasing the vehicle frequency, given the specific traffic conditions for each city.
- More attention for the use of other access modes, which would modify the access speeds, operational costs, and patronage.
- Including in the analytical model the environmental and social costs derived from the transit networks.
- Developing a sensitivity analysis for the value of the time lost at stops, which is currently assumed under the adoption of certain assumptions.