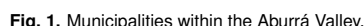
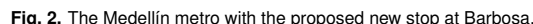


Alex Saad



This brief examines the factors affecting suitable locations for the new stop, and recommends that it be situated in the **Barbosa** municipality, connected to Niquía in the Bello municipality at the northern end of the metro A-line, as indicated in Fig. 2.

This suggests that the additional amenity of metro access contributes to many more than the predicted number of commutes from Barbosa and Copacabana to Bello, indicating that these two municipalities could both benefit from connection to the metro network.



The introduction of the new station may introduce greater commuter volume into the network travelling south from Niquía, but the commute patterns suggest that many commuters from Barbosa are already accessing the metro from Bello. Therefore the increase in the number of metro users is not expected to pose a problem.

(1) Piovani, D., Arcaute, E., Uchoa, G., Wilson, A., Batty, M. (2018). Measuring Accessibility using Gravity and Radiation Models. *Royal Society Open Science*, 5(9): 171668.