



Figure 1: Horizontal location of the 18 clusters along with the main 6 pathways (PW). Each cluster centroid is marked with a disk (short range), square (short medium range), triangle (medium range), or pentagon (long range) locator. For each cluster we select cells that contain 80% of its SRR values during the modeling period. The color of each cluster is related to the main pathway they belong to: 03_PW (yellow), 05_PW (purple), 07_PW (green), 08_PW (orange), 11_PW (pink), and 12_PW (teal). The dashed black line corresponds to a height of 3.9 km a.s.l. and delimitates the Altiplano plateau. Panel b) corresponds to the region inside the red rectangle in panel a). The city of La Paz (panel b)) is located in the intersection of clusters 07_SR and 04_SR. The first cluster contains the part of the city that is located in the Altiplano plateau and the latter the section located in the valley.