



B

Degree of Node (Geographical Connectivity)

High ($\geq 99^{\text{th}}$ %tile)

Low ($< 99^{\text{th}}$ %tile)

Strength of Node
(Volume of Cases)

High
($\geq 99^{\text{th}}$ %tile)

Low
($< 99^{\text{th}}$ %tile)

Type A

Source: *Super-spreader*, municipalities that send a high number of cases to a high number of municipalities (n = 5)

Sink: *Super-receiver*, municipalities that receive a high number of cases from a high number of municipalities (n = 11)

Type B

Source: *Diffuse, low-volume origin*, municipalities that send a low number of cases to a high number of municipalities (n = 8)

Sink: *Diffuse, low-volume receiver*, municipalities that receive a low number of cases from a high number of municipalities (n = 8)

Type C

Source: *Targeted, high-volume origin*, municipalities that send a high number of cases to a low number of municipalities (n = 8)

Sink: *Targeted, high-volume sink*, municipalities that receive a high number of cases from a low number of municipalities (n = 8)

Type D

Source: *Residual-spreader*, municipalities that send a low number of cases to a low number of municipalities (n = 1247)

Sink: *Residual-receiver*, municipalities that receive a low number of cases from a low number of municipalities (n = 1835)

C

Sink

Source

Super-receivers

1. Manaus
2. Boa Vista
3. Porto Velho
4. Cruzeiro do Sul
5. Macapá
6. Ariquemes
7. Tucuui
8. Santana
9. Rio Branco
10. Ji-Paraná
11. Humaitá

Super-spreaders

1. Porto Velho
2. Itaituba
3. Pacajá
4. Candeias do Jamari
5. Cruzeiro do Sul

Type A

Type B

Type C

Type D