

Supplementary material

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1 Proportion of missing records across population density and socio-economic deprivation classes,

1.1 Facebook Population baseline data

1.2 For Facebook Movements baseline data

1.3 For Facebook Movements during crisis

2 References

Table 1: Percentage of missing Facebook Population data records during the baseline period, across population density and socioeconomic deprivation classes (class 1 is the most sparsely populated and the most deprived).

| Country | Records count | Variable | Class 1 | Class 2 | Class 3 |
|-----------|--------------------|--------------------------------------|---------|---------|---------|
| Argentina | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |
| Chile | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |
| Colombia | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |
| Mexico | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |

Table 2: Percentage of missing Facebook Movement data records during the baseline period, across population density and socioeconomic deprivation classes of origin tile (class 1 is the most sparsely populated and the most deprived).

| Country | Records count | Variable | Class 1 | Class 2 | Class 3 |
|-----------|--------------------|--------------------------------------|---------|---------|---------|
| Argentina | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |
| Chile | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |
| Colombia | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |
| Mexico | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |

Table 3: Percentage of missing Facebook Movement data records during the crisis period, across population density and socioeconomic deprivation classes of origin tile (class 1 is the most sparsely populated and the most deprived).

| Country | Records count | Variable | Class 1 | Class 2 | Class 3 |
|-----------|--------------------|--------------------------------------|---------|---------|---------|
| Argentina | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |
| Chile | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |
| Colombia | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |
| Mexico | Total | | | | |
| | Missing | Pop. density Socioec. deprivation | | | |
| | Percentage missing | Pop. density Socioec. deprivation | | | |