



**HAL**  
open science

## Staying active during Covid-19 crisis: why it would have been important to keep public parks opened

Marion Porcherie, Anne Roué Le Gall, Marie-Florence Thomas, Quentin Montiege, Emmanuelle Faure, Stéphane Rican, Zoe Vaillant, Jean Simos, Nicola Luca Cantoreggi

### ► To cite this version:

Marion Porcherie, Anne Roué Le Gall, Marie-Florence Thomas, Quentin Montiege, Emmanuelle Faure, et al.. Staying active during Covid-19 crisis: why it would have been important to keep public parks opened. *European Journal of Public Health*, 2021, 31 (Supplement\_3), pp.ckab165.221. 10.1093/eu-rpub/ckab165.221 . hal-03554030

**HAL Id: hal-03554030**

**<https://hal.science/hal-03554030v1>**

Submitted on 30 Apr 2024

**HAL** is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

## Staying active during Covid-19 crisis: why it would have been important to keep public parks opened

Marion Porcherie

*M Porcherie<sup>1,2</sup>, A Roué Le Gall<sup>1,2</sup>, MF Thomas<sup>1,3</sup>, Q Montière<sup>1</sup>, E Faure<sup>4</sup>, S Rican<sup>4</sup>, Z Vaillant<sup>4</sup>, J Simos<sup>5</sup>, N Cantoreggi<sup>5</sup>*

<sup>1</sup>EHESP, French School of Public Health, Rennes, France

<sup>2</sup>CNRS - Arènes, UMR 6051, Rennes, France

<sup>3</sup>Irset, UR\_S 1085, Rennes, France

<sup>4</sup>LADYSS, Université Paris-Nanterre, Nanterre, France

<sup>5</sup>Institut de Santé Globale, Université de Genève, Genève, Switzerland

Contact: marion.porcherie@ehesp.fr

### Background:

In 2020, the Covid 19 pandemic and associated restrictions, including limited access to public urban green space (UGS), have led to a decrease in the ability of city dwellers to engage in physical activity. In France, more than 52% people reported being physically active in urban parks. Based on the GREENH-City research carried out in cities of the French network of WHO healthy cities, this presentation aims to show that UGS, depending on different drivers, can support a wide variety of physical activities, but also offer multiple other functions that contribute more or less directly to the health of the population.

### Methods:

A qualitative survey was conducted among users of 3 different parks in each of the 6 selected cities with both observations and semi-directive interviews and a thematic analyzes were performed. Observed activities were classified into 8 groups including physical activity (non-sport, sports). Interview's analysis aimed to describe the reasons for coming and the type of activity made.

### Results:

186 observations and 591 recorded and unrecorded interviews with individuals or groups were conducted in the 18 parks. 24 types of physical activity have been described as possible uses of UGS. The most important, regardless of UGS location, is children activities in playgrounds. The most common activities are walking (with a social function) and jogging (individual function). Proximity and the accessibility are two reasons for use.

### Conclusions:

UGS are an open access amenity for physical activities. From a social justice perspective, policy makers should ensure that every neighborhood is sufficiently close to an UGS. In addition to promoting physical activity, UGS also serve an important social function and impact the collective physical and mental health of the population in many other ways (e.g., as environmental risk regulators). Their coping role during crisis for population would worth to be studied further.

### Key messages:

- Proximity and accessibility should shape local policies related to UGS renewal towards more equity.
- Different typologies of urban parks at the city level can offer multiple functions, including facilitation of physical activity that contribute to the health of the population.