



# Psycholinguistic Assessment of the Effects of Containment

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## ► To cite this version:

Mathieu Guidère. Psycholinguistic Assessment of the Effects of Containment. Journal of Applied Research in Human and Social Sciences, 2020. inserm-02572022

**HAL Id: inserm-02572022**

**<https://inserm.hal.science/inserm-02572022>**

Submitted on 13 May 2020

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# Psycholinguistic Assessment of the Effects of Containment

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## Abstract

There are a wide range of questionnaires that can be used to assess the psychological effects of containment, but most of them are designed to be used only in specific cases. However, there are various effects of confinement, including for example stress, anxiety, motivation, cognitive disorders or even mood disorders. Interested in how people manage containment related to the coronavirus pandemic (covid-19), as well as how they felt during this experience, we conducted a small-scale study that included a written survey and online posts. The purpose of this article is to examine the extent to which verbalizations produced by contained people manifest markers relating to their mental health. The study relates to 20 subjects having posted online written and/or video productions describing their mental state. A detailed analysis of the content of these verbalizations made it possible to highlight psycholinguistic markers of the physical and psychological effects of containment, by using data mining and text mining.

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## Key Words

Psycholinguistics, Pandemic, Containment, Mental Health, Data Mining, Text Mining, NLP.

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