

**Date of Revision: 09/16/2021**

**Name:** Hiroaki Murayama

**Education:**

2019-present Medical Student, Dept. of Medicine, School of Medicine, International University of Health and Welfare, Chiba, Japan

**Career/Academic Appointments:**

2020-present Advisor, The National COVID-19 Cluster Taskforce, Ministry of Health, Labour and Welfare, Tokyo, Japan (Advisor: Prof. Hiroshi Nishiura)

2021-present Research Assistant, School of Social Science, Chiba University, Chiba, Japan (Advisor: Dr. Shoto Yonekura)

2021-present Member, CoV-Navi (<https://covnavi.jp/>)

**Publications:**

**Peer-Reviewed Original Research**

1. **Murayama, H.**, Kayano, T. & Nishiura, H. Estimating COVID-19 cases infected with the variant alpha (VOC 202012/01): an analysis of screening data in Tokyo, January-March 2021. *Theoretical Biology and Medical Modelling* 18, 13 (2021).

**Preprint** (†: joint author)

1. Yamasaki, L.†, **Murayama, H.**† & Hashizume, M. The impact of temperature on the transmission potential and virulence of COVID-19 in Tokyo, Japan. *medRxiv* (2021).

**Skills:**

**Analytical**

Infectious disease epidemiology, Mathematical modelling of infectious diseases, Bayesian inference

**Programming**

R, Julia, Stan