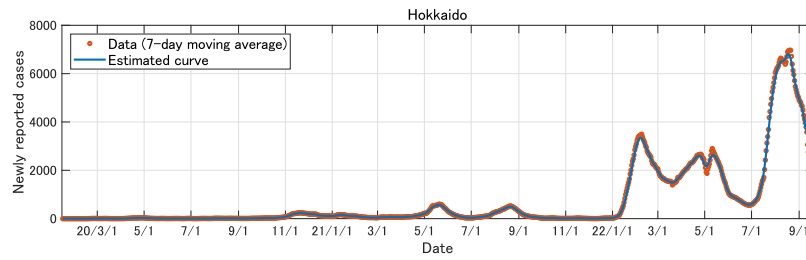
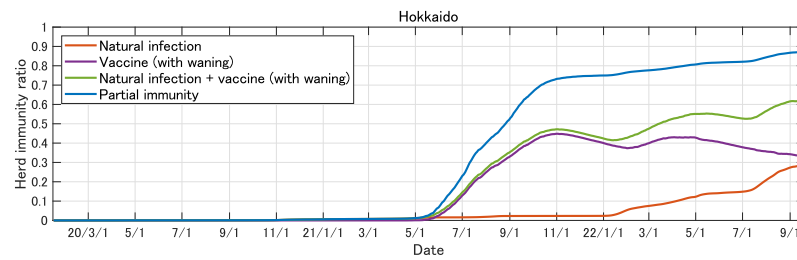


Appendix to a review article for the Tokyo Foundation for Policy Research

T. Kuniya, K. Shibuya, Y. Tokuda, H. Nakamura, T. Moromizato



(a) Newly reported cases



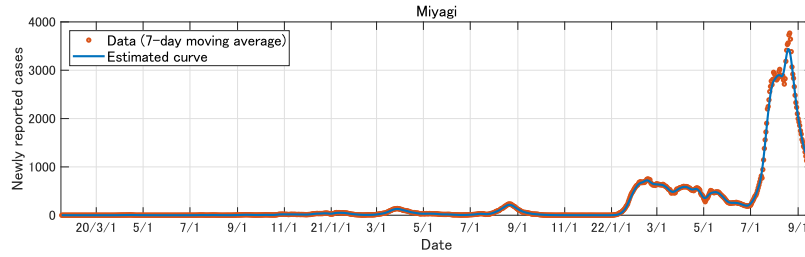
(b) Herd immunity ratio

Figure 1: Hokkaido

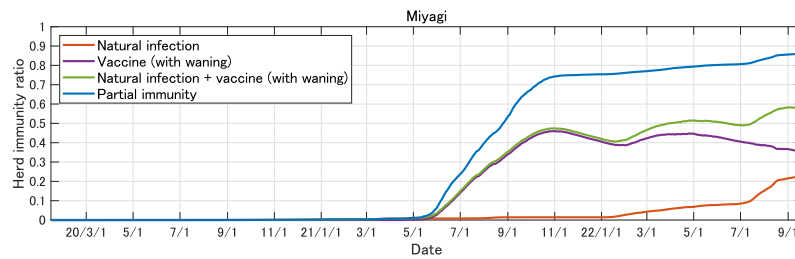
- The model is similar as in [1].
- The data of vaccination was collected from [2].
- The data of reported cases was collected from [3].
- The data of population in each prefecture was collected from [4].

References

- [1] <https://www.tkfd.or.jp/research/detail.php?id=4036> (accessed on September 15, 2022)
- [2] <https://info.vrs.digital.go.jp/opendata/> (accessed on September 15, 2022)
- [3] <https://www3.nhk.or.jp/news/special/coronavirus/data/> (accessed on September 15, 2022)
- [4] <https://www.stat.go.jp/data/nihon/02.htm> (accessed on September 8, 2022)

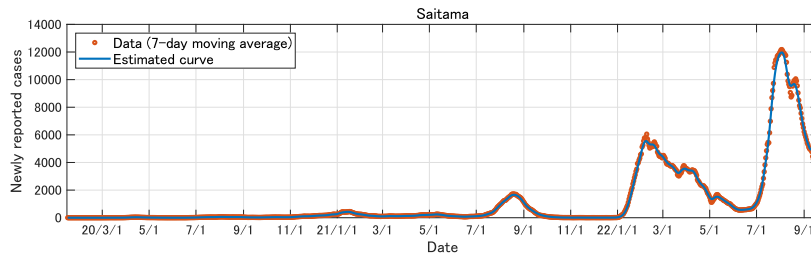


(a) Newly reported cases

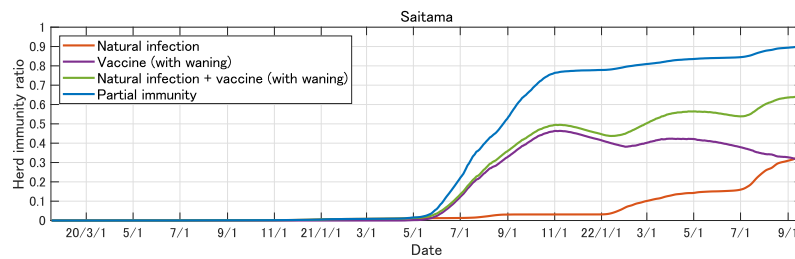


(b) Herd immunity ratio

Figure 2: Miyagi

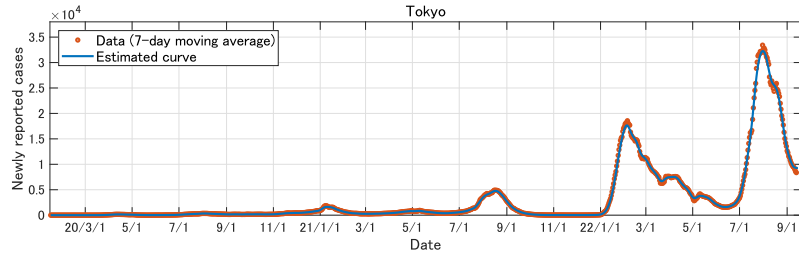


(a) Newly reported cases

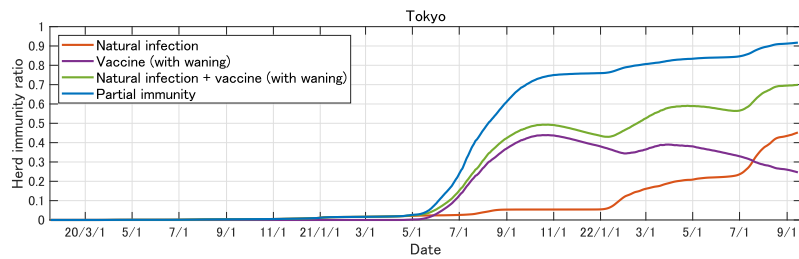


(b) Herd immunity ratio

Figure 3: Saitama

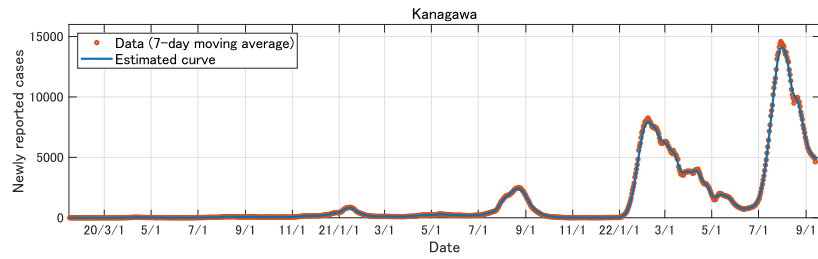


(a) Newly reported cases

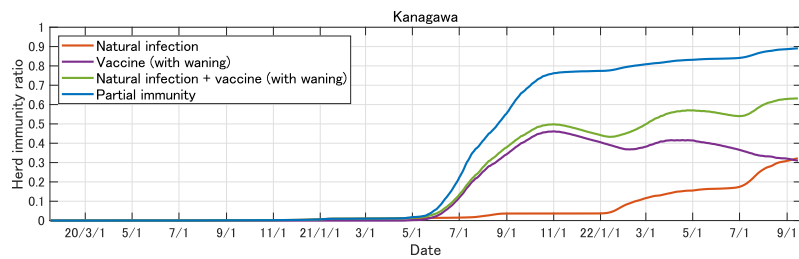


(b) Herd immunity ratio

Figure 4: Tokyo

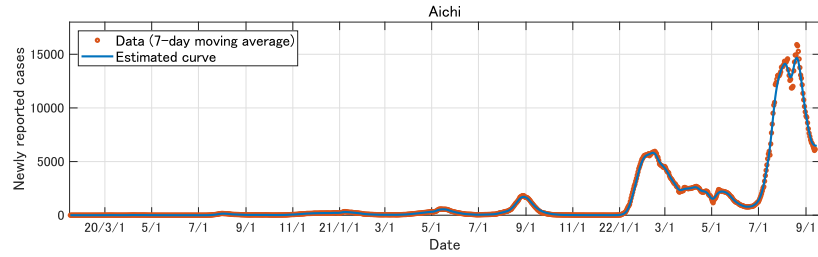


(a) Newly reported cases

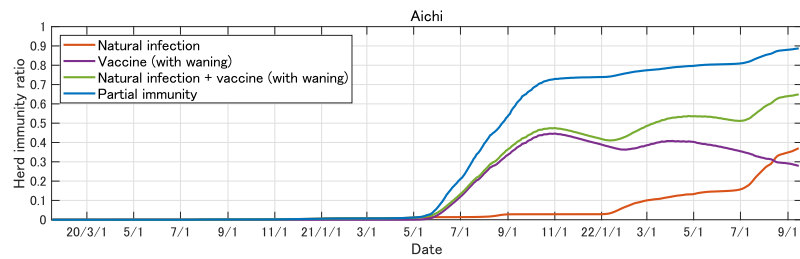


(b) Herd immunity ratio

Figure 5: Kanagawa

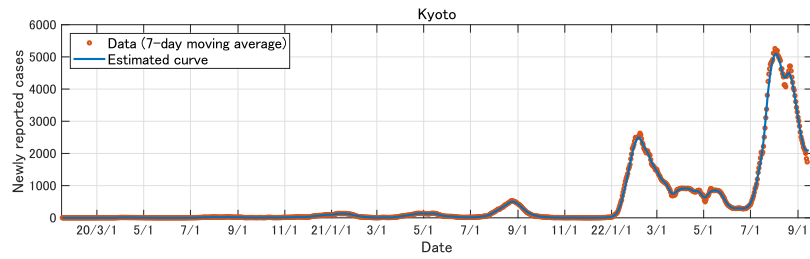


(a) Newly reported cases

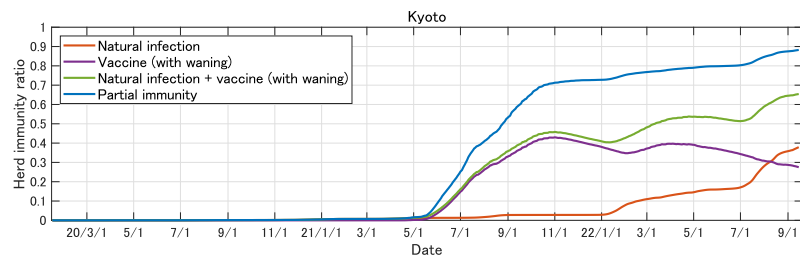


(b) Herd immunity ratio

Figure 6: Aichi

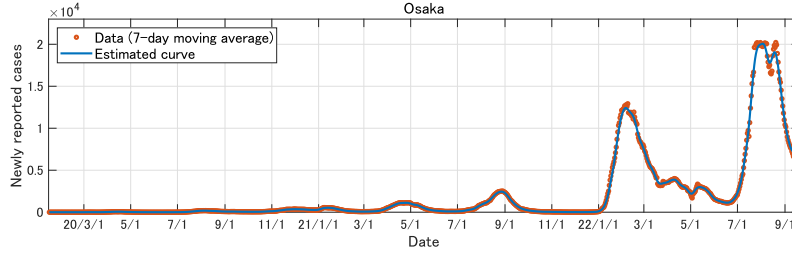


(a) Newly reported cases

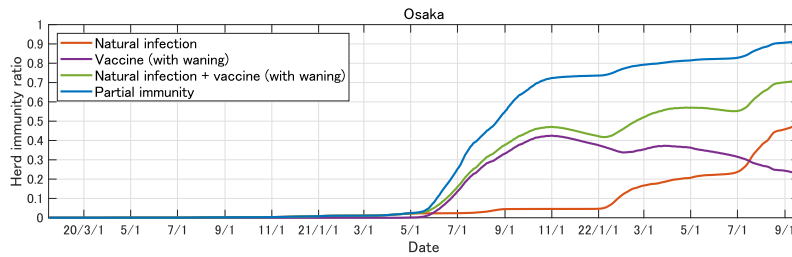


(b) Herd immunity ratio

Figure 7: Kyoto

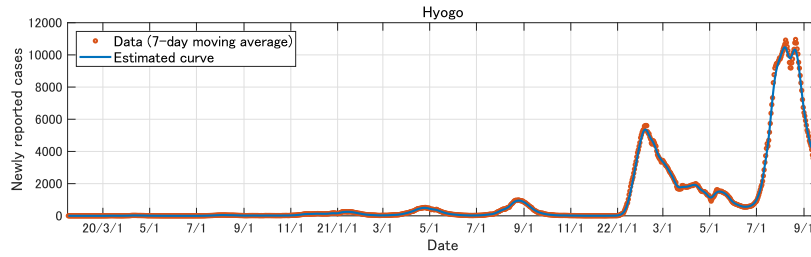


(a) Newly reported cases

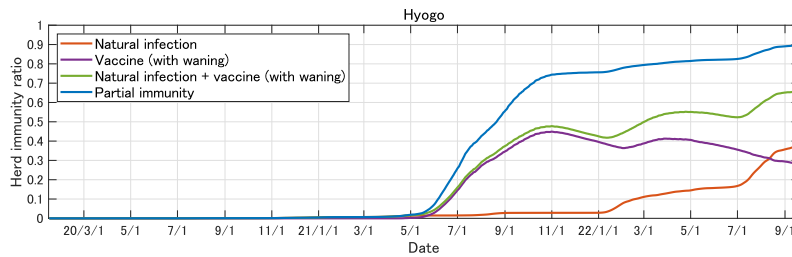


(b) Herd immunity ratio

Figure 8: Osaka

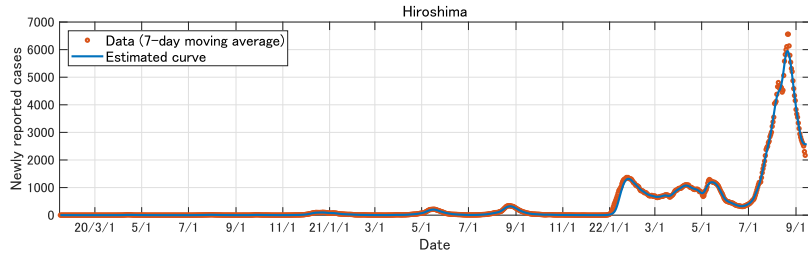


(a) Newly reported cases

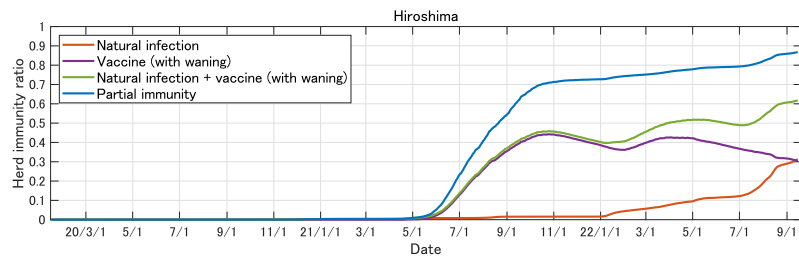


(b) Herd immunity ratio

Figure 9: Hyogo

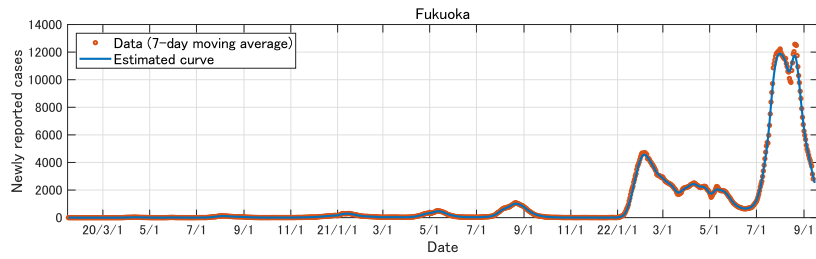


(a) Newly reported cases

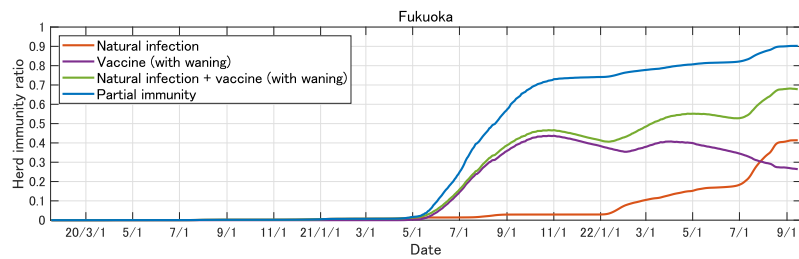


(b) Herd immunity ratio

Figure 10: Hiroshima

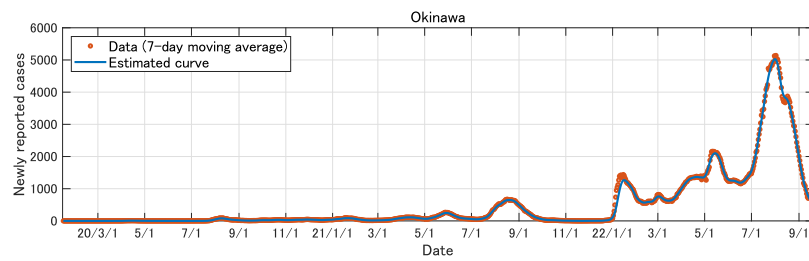


(a) Newly reported cases

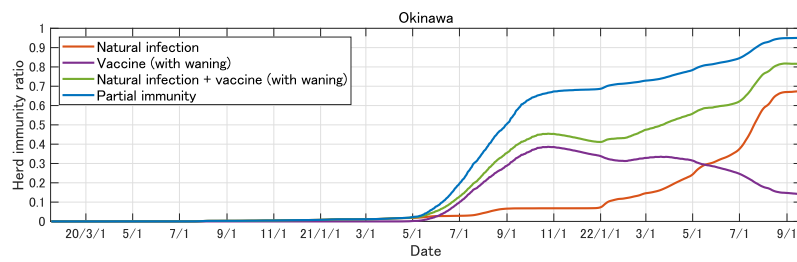


(b) Herd immunity ratio

Figure 11: Fukuoka



(a) Newly reported cases



(b) Herd immunity ratio

Figure 12: Okinawa