























- [28] J. Mossong, N. Hens, M. Jit, P. Beutels, K. Auranen, R. Mikolajczyk, M. Massari, S. Salmaso, G. S. Tomba, J. Wallinga, et al. Social contacts and mixing patterns relevant to the spread of infectious diseases. *PLoS medicine*, 5(3), 2008.
- [29] K. Nagarajan, M. Muniyandi, B. Palani, and S. Sellappan. Social network analysis methods for exploring SARS-CoV-2 contact tracing data. *BMC medical research methodology*, 20(1):233, 2020.
- [30] J. Peto, J. Carpenter, G. D. Smith, S. Duffy, R. Houlston, D. J. Hunter, K. McPherson, N. Pearce, P. Romer, P. Sasieni, and C. Turnbull. Weekly COVID-19 testing with household quarantine and contact tracing is feasible and would probably end the epidemic. *Royal Society open science*, 7(6):200915, June 2020.
- [31] H. Pham, C. Shahabi, and Y. Liu. EBM: an entropy-based model to infer social strength from spatiotemporal data. In *Proceedings of the ACM SIGMOD International Conference on Management of Data*, pages 265–276. ACM, 2013.
- [32] B. J. Ryan, D. Coppola, J. Williams, and R. Swinton. COVID-19 contact tracing solutions for mass gatherings. *Disaster medicine and public health preparedness*, pages 1–7, July 2020.
- [33] A. S, K. OF, and A. KH. Covid-19 contact-tracing technology: Acceptability and ethical issues of use. *Patient Prefer Adherence*, 2020. <https://doi.org/10.2147/PPA.S276183>.
- [34] S. S, S. AA, and H. MR. Ecological momentary assessment. 4, 2007.
- [35] L. SA, G. KH, and e. a. Bi Q. The incubation period of coronavirus disease 2019 (covid-19) from publicly reported confirmed cases: Estimation and application. 2020.
- [36] A. Shah and R. P. Aacharya. Combating COVID-19 pandemic in nepal: Ethical challenges in an outbreak. *JNMA; journal of the Nepal Medical Association*, 58(224):276–279, Apr. 2020.
- [37] H. Shirani-Mehr, F. B. Kashani, and C. Shahabi. Efficient reachability query evaluation in large spatiotemporal contact datasets. *PVLDB*, 5(9):848–859, 2012.
- [38] C. Thorbecke. China launches coronavirus tracking app as death toll surpasses 1,000. ABC News, Feb. 2020. <https://abcnews.go.com/Business/china-launches-app-combat-coronavirus-spread/story?id=68907706>.
- [39] H. To, C. Shahabi, and L. Xiong. Privacy-preserving online task assignment in spatial crowdsourcing with untrusted server. In *IEEE Int. Conference on Data Engineering (ICDE)*, 2018.
- [40] van Doremalen N, M. DH, and e. a. Holbrook MG. Aerosol and surface stability of sars-cov-2 as compared with sars-cov-1. March 19, 2020.
- [41] M. Walrave, C. Waeterloos, and K. Ponnet. Adoption of a contact tracing app for containing COVID-19: A health belief model approach. *JMIR public health and surveillance*, 6(3):e20572, Sept. 2020.
- [42] Y. Xiao and L. Xiong. Protecting locations with differential privacy under temporal correlations. In *Proceedings of the 22nd ACM SIGSAC Conference on Computer and Communications Security, Denver, CO, USA, October 12-6, 2015*, pages 1298–1309, 2015.
- [43] M.-E. Yadamjav, F. Choudhury, Z. Bao, and H. Samet. *Efficient Multi-range Query Processing on Trajectories: 37th International Conference, ER 2018, Xi’an, China, October 22–25, 2018, Proceedings*, pages 269–285. 09 2018.