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STATISTICAL PHYSICS OF THE ROLE OF HUMAN BEHAVIOR IN THE SPREAD OF INFECTIOUS DISEASES AND IN MITIGATION MEASURES

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Following the approach of [1] (whose topic was – however – limited to vaccination, and thus going somewhat beyond it), we will illustrate some old and new results concerning the role of human behavior in the spread of infectious diseases and in the related mitigation measures.

References

- [1] Z Wang, CT Bauch, S Bhattacharyya, A d’Onofrio, P Manfredi, M Perc, N Perra, M Salath, and D Zhao. (2016). *Statistical physics of vaccination*, Physics Reports, 664, 1–113.