



Deng, Yuntian <[REDACTED]@g.harvard.edu>

Concerns about an article from HMS and Boston Children's Hospital (from 68 Harvard students)

Deng, Yuntian <[REDACTED]@g.harvard.edu>

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To: [REDACTED]@hms.harvard.edu, [REDACTED]@childrens.harvard.edu, [REDACTED]@hms.harvard.edu,
 [REDACTED]@childrens.harvard.edu, [REDACTED]@childrens.harvard.edu, [REDACTED]@childrens.harvard.edu,
 [REDACTED]@childrens.harvard.edu, [REDACTED]@childrens.harvard.edu, [REDACTED]@hms.harvard.edu,
 [REDACTED]@hms.harvard.edu, [REDACTED]@childrens.harvard.edu

Cc: GSAS Dean Emma Dench <[REDACTED]@fas.harvard.edu>, "Thomas, Sheila" <[REDACTED]@fas.harvard.edu>,
 [REDACTED]@fas.harvard.edu, Martin Jin <[REDACTED]@g.harvard.edu>, [REDACTED]@g.harvard.edu

Dear Dean Daley, Ms. Fenwick, Dean Brodnicki, Dr. Churchwell, Dr. Cervini, Dr. Williams, Dr. Houman, Dr. Kohane, Dr. Ryan and Dr. Brownstein,

Hope this email finds you well.

As Chinese students studying at or graduated from Harvard, we are writing to convey our concerns about a recent article from Harvard Medical School and Boston Children's Hospital "Analysis of hospital traffic and search engine data in Wuhan China indicates early disease activity in the Fall of 2019" (Harvard Dash: [Analysis of hospital traffic and search engine data in Wuhan China indicates early disease activity in the Fall of 2019](#)), and request that Harvard Medical School and Boston Children's Hospital investigate the case and potentially retract this article.

Our concerns are:

1. The conclusion in this article is not a scientific one drawn from rigorous data sampling and analysis and potentially involves [data dredging](#). A group of us with statistics and data science backgrounds have carefully studied this article and found many problems in its methodology, sampling, and analysis. You may find more detailed reasonings in the **attachment**.
2. The not-peer-reviewed article has been widely picked up [by the media](#) (even before the preprint was published), and circulated in social media (including [President Trump's twitter](#)). The inconclusive or unscientific statement in the title and abstract has been cited as a fact and used to vilify China, provoking hatred against Chinese, especially Chinese students in the US. This not only hurts the feeling of Chinese students at Harvard, but also denigrates Harvard's reputation as an institution that is known for her research integrity.

As members of the Harvard community, we were very concerned to see such a misleading paper affiliated with Harvard. We respect scientific investigations and understand that some hard truths might be disturbing, but to the best of our judgment, this article is misleading to the public. Since the COVID-19 pandemic started, the Chinese and Asian community in the US has been under continuous racial and xenophobic discrimination, and there is an increasing number of reported racism attacks against Asians despite many collaboration commitments ([Harvard Gazette](#)). We are deeply concerned that the situation is exacerbated by this article, published and endorsed by a prestigious institute like Harvard Medical School.

We sincerely hope that you will consider our concerns, and request the Harvard Medical School and Boston Children's Hospital to investigate the case. We believe that HMS has the responsibility to maintain research integrity among faculty members. The title of Harvard Medical School lends substantial credibility to this paper despite its substandard analysis. It is in the interest of the school and the wider Harvard community to maintain high academic standards to protect Harvard's academic reputation.

Sincerely,

Martin Jin (corresponding), SEAS rising G4 PhD ([REDACTED]@g.harvard.edu)
 Yuntian Deng (corresponding), SEAS rising G4 PhD ([REDACTED]@g.harvard.edu)
 Jiayu Yao, SEAS rising G4 PhD
 Yaowei Li, SEAS rising G3 PhD
 Joe Zhou, SEAS PhD
 Lucy Yip, GSD grad'20
 Molei Liu, Biostatistics rising G4 PhD ([REDACTED]@g.harvard.edu)
 Xi Chen, GSD rising G3 master ([REDACTED]@gsd.harvard.edu)
 Yuchen Zheng, GSD
 Ji Hua, HSPH ([REDACTED]@mail.harvard.edu)
 Tianyu Su, MIT DUSP MCP
 Maoran Sun, GSD MAUD
 Zhou Xu, GSD Master of Architecture in Urban Design
 Weiyi Cao, GSD Master in Design Studies
 Boya Guo, GSD G3 Doctor of Design
 Yinru Long, HGSE M.Ed
 Diana Guo, GSD rising G3 master
 Yujia Wang, GSD MLA
 Hongyin Luo, MIT EECS PhD
 Edward Wang, MIT EECS PhD
 Huize Wang, SEAS PhD, [REDACTED]@g.harvard.edu
 Yu Wang, HMS PhD
 Xiaomeng Cui, GSAS PhD in Physics
 Yukun xia, rising G3 SEAS PhD, [REDACTED]@g.harvard.edu
 Siwen Ma, GSD MAUD 2018
 Xi Chen SEAS rising G5, [REDACTED]@g.harvard.edu
 Minhuan Li, SEAS rising G2 PhD, [REDACTED]@g.harvard.edu
 Ziwei Zhang, GSAS coming G1, [REDACTED]@g.harvard.edu
 Jingxuan Zhang, GSD Master in Design Studies, [REDACTED]@gsd.harvard.edu
 Bolei Deng, rising G5 PhD, [REDACTED]@g.harvard.edu
 Yu Xie, rising G3 SEAS PhD
 Kai Xu, rising G3 Math PhD
 Helian Feng, GSAS G3 PhD, [REDACTED]@g.harvard.edu
 Tianyang Ye, GSAS CCB post-doc, [REDACTED]@g.harvard.edu
 Ping Gao, Physics PhD 2019 Alumni
 Donglai Wei, SEAS post-doc
 Min Wu, rising G4 SEAS PhD
 Jiawei Dou, GSD MAUD 20'
 Chenhao Ma, GSD MAUD 21'
 Xin Chen, GSD MDes 2018
 Sufeng Xiao, GSD MLA 21'
 Jing Shi, GSAS PhD, 20'
 Rachel Zoll, rising G2 SEAS PhD
 Xiaochuan Dai, GSAS CCB PhD 2015'
 Qian Di, HSPH ScD 2018 Alumni, [REDACTED]@mail.harvard.edu
 Liuhua Shi, HSPH ScD 2016 Alumni, [REDACTED]@mail.harvard.edu...
 Juntao Wang, SEAS rising G4 PhD
 Renjing Xu, SEAS rising G5
 Wei Sun, Economics Department 2017'
 Shuran Zheng, SEAS rising G4 PhD

Xiao Wu, G4 Biostatistics PhD
Qianyu Yuan, HSPH Phd 20'
Ruizhe Kang, Rising G3 SEAS PhD [REDACTED]@seas.harvard.edu
Shuxin Dong, HSPH SM 20'
Meng Wang, HSPH SM 19'
Tianyu Xia, HSPH SM 19'
Yunqi Yang, HSPH SM 19'
Lechen Qian, MCO rising G3 PhD
He Sun, SEAS PhD
Zhongpeng Sun, CCB rising G2 PhD
Pak Wah Chan, EPS rising G6 PhD
Xiaochuan Dai, GSAS CCB PhD 2015 Alumni
Xinyi Li, HGSE M. Ed
Phyllis Ju, Statistics G4 PhD [REDACTED]@g.harvard.edu
Guannan Qu, SEAS PhD 2019 Alumni
Xinchen Duan, HMS MS 21'
Dongming Huang, Statistics PhD 2020 Alumni
Ruoran Li, HSPH ScD 2020 Alumni [REDACTED]@mail.harvard.edu
And more anonymous supporters



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