Twitter Thread by Mats - COVIDDash.org



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#MASKUP THREAD

If someone asks: What's the evidence for mask wearing? Here is a list of *SEVENTY* papers, including reviews/meta-analysis and individual studies, in reverse chronological order. Includes 31 from 2020 alone (!!). META = meta-analysis or systematic review.

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1/70
"Visualizing the effectiveness of face masks in obstructing respiratory jets," Verma et al., June 30 2020, Phys Fluids: https://t.co/fdEiXeHe2G

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"Community Use Of Face Masks And COVID-19: Evidence From A Natural Experiment Of State Mandates In The US" Lyu et al., June 16 2020, Health Affairs: https://t.co/71Puhnqai0

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"Association of country-wide coronavirus mortality with demographics, testing, lockdowns, and public wearing of masks" Leffler et al., June 15 2020, medRxiv: https://t.co/wFY8Zwandr

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"Identifying airborne transmission as the dominant route for the spread of COVID-19" Zhang et al., June 11 2020, PNAS: https://t.co/q5vfSnRhEK

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"A modelling framework to assess the likely effectiveness of facemasks in combination with ‘lock-down’ in managing the COVID-19 pandemic" Stutt et al., June 10 2020, Proc. R. Soc. A.: https://t.co/UOIRfIFhot

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META: "Physical distancing, face masks, and eye protection to prevent person-to-person transmission of SARS-CoV-2 and

COVID-19: a systematic review and meta-analysis," June 1 2020, Lancet: https://t.co/y0dY18JraM

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"Face coverings for the public: Laying straw men to rest" Greenhalgh, May 26 2020, Journal of Evaluation of Clinical Practice: https://t.co/SuXmRejMdz

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"COVID-19 and the Social Distancing Paradox: dangers and solutions" Marchiori, May 26 2020, arXiv: https://t.co/0bTACUVmbe

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"Cloth Masks May Prevent Transmission of COVID-19: An Evidence-Based, Risk-Based Approach," Clase et al., May 22 2020, An of Int Med.: https://t.co/TsQtxDi9cm

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"Quantitative Method for Comparative Assessment of Particle Filtration Efficiency of Fabric Masks as Alternatives to Standard Surgical Masks for PPE" Mueller et al., May 18 2020, medRxiv: https://t.co/YmVchAE9yx

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"Reduction of secondary transmission of SARS-CoV-2 in households by face mask use, disinfection and social distancing: a cohort study in Beijing, China" Wang et al., May 11 2020, BMJ Global Health: https://t.co/WH2lDvFNyh

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"The flow physics of COVID-19" Mittal et al., May 1 2020, J. Fluid Mech.: https://t.co/a4s2jn7Gpp

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"Aerosol Filtration Efficiency of Common Fabrics Used in Respiratory Cloth Masks" Konda et al., ACS Nano, April 24 2020: https://t.co/c23lKUcnO2

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"Epidemiological characteristics of COVID-19 in medical staff members of neurosurgery departments in Hubei province: A multicentre descriptive study," Wang et al., Apr 24 2020, medRxiv: https://t.co/JLj8szS0xw

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"A rapid systematic review of the efficacy of face masks and respirators against coronaviruses and other respiratory transmissible..." MacIntyre et al., Apr 21 2020, Int J Nursing Studies: https://t.co/zuUVFutPA9..

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"Universal Masking is Urgent in the COVID-19 Pandemic: SEIR and Agent Based Models, Empirical Validation, Policy Recommendations," Kai et al., Apr 21 2020, arXiv: https://t.co/QOAOYq6fNu

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"Assessment of Fabric Masks as Alternatives to Standard Surgical Masks in Terms of Particle Filtration Efficiency" Mueller

et al., Apr 17 2020, medRxiv: https://t.co/QMWXLZtiR0

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"Visualizing Speech-Generated Oral Fluid Droplets with Laser Light Scattering," Anfinrud et al., Apr 15 2020, N Engl J Med: https://t.co/org11NtXyW

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"Transmission of COVID-19 to Health Care Personnel During Exposures to a Hospitalized Patient — Solano County, California, February 2020," Heinzerling et al., Apr 14 2020, CDC MMWR: https://t.co/8Y7KQigSfD

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META: "Face Masks Against COVID-19: An Evidence Review," Howard et al., Apr 12 2020, Preprints: https://t.co/pvAYZZu9H9

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META: "Face masks for the public during the covid-19 crisis," Greenhalgh et al., April 9 2020, BMJ: https://t.co/4Zw16DPElQ

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"The Case for Universal Cloth Mask Adoption and Policies to Increase Supply of Medical Masks for Health Workers" Abaluck et al., April 6 2020, SSRN: https://t.co/XDz8YK433M

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META: Facemasks and similar barriers to prevent respiratory illness such as COVID-19: A rapid systematic review," Brainard et al., April 6 2020, medRxiv: https://t.co/ZpvKTD1jhb

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"Physical interventions to interrupt or reduce the spread of respiratory viruses. Part 1 - Face masks, eye protection and person distancing: systematic review and meta-analysis," Jefferson et al., Apr 7 2020, medRxiv: https://t.co/PUt3nLZdul

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"Widespread use of face masks in public may slow the spread of SARS CoV-2: an ecological study," Kenyon, Apr 6 2020, medRxiv: https://t.co/OiKQBdz1CB

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"Could SARS-CoV-2 be transmitted via speech droplets?," Anfinrud et al., Apr 6 2020, medRxiv: https://t.co/6Z1R4RdLSw

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"Respiratory virus shedding in exhaled breath and efficacy of face masks" Leung et al., Nat Med, April 3 2020: https://t.co/lDWGRq28S7

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"Potential Utilities of Mask-Wearing and Instant Hand Hygiene for Fighting SARS-CoV-2" Ma et al., J Med Virol., March 31 2020: https://t.co/ZRFWSPx7vD

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"Calibrated Intervention and Containment of the COVID-19 Pandemic," Tian et al., Mar 16 2020, arXiv: https://t.co/rN6Uz6K6Rf

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META: "Effectiveness of N95 Respirators Versus Surgical Masks Against Influenza: A Systematic Review and Meta-Analysis," Long et al., Mar 13 2020, J Evid Based Med.: https://t.co/pK42QXkUDm

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"Association between 2019-nCoV transmission and N95 respirator use," Wang et al., Mar 3 2020, J Hosp Infect.: https://t.co/dMzXzydPog

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"Risk of transmission via medical employees and importance of routine infection-prevention policy in a nosocomial outbreak of Middle East respiratory syndrome (MERS)" Ki et al., Oct 30 2019, BMC Pulm Med.: https://t.co/FmPQS6Id16

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"N95 Respirators vs Medical Masks for Preventing Influenza Among Health Care Personnel, A Randomized Clinical Trial," Radonovich et al., Sept 3 2019, JAMA: https://t.co/XB0fzirHhW

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"Modeling the Effectiveness of Respiratory Protective Devices in Reducing Influenza Outbreak" Yan et al., Sept 19 2018, Risk Analysis: https://t.co/SL6RLXDoO3

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"Risk Factors for Middle East Respiratory Syndrome Coronavirus Infection among Healthcare Personnel," Alraddadi et al., Nov 2016, Emerg Infect Dis.: https://t.co/7jHRATyR3i

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"Surveillance of the Middle East respiratory syndrome (MERS) coronavirus (CoV) infection in healthcare workers after contact with confirmed MERS patients" Kim et al., July 27 2016, Clin Microb Infect.: https://t.co/tKEY1MJDkx

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META: "Effectiveness of N95 respirators versus surgical masks in protecting health care workers from acute respiratory infection: a systematic review and meta-analysis" Smith et al. May 17 2016. CMAJ: https://t.co/OoVFrFINqd

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"Transmission Among Healthcare Worker Contacts With a Middle East Respiratory Syndrome Patient in a Single Korean Centre," Kim et al., Feb 2016, Clin Microbiol Infect.: https://t.co/BXGpz9ktYO

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"Pilot Randomised Controlled Trial to Test Effectiveness of Facemasks in Preventing Influenza-like Illness Transmission Among Australian Hajj Pilgrims in 2011," Barasheed et al., 2014, Infect Disord Drug Targets: https://t.co/EYnYs2df3p

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"Protection by Face Masks against Influenza A(H1N1)pdm09 Virus on Trans-Pacific Passenger Aircraft, 2009," Zhang et al., Sep 2013, Emerg Infect Dis.: https://t.co/8LqR4k7Ac2

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"Testing the Efficacy of Homemade Masks: Would They Protect in an Influenza Pandemic?" Davies et al., Aug 2013, Disaster Med Public Health Prep.: https://t.co/ym74JTpU7V

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"Effectiveness of surgical masks against influenza bioaerosols" Booth et al., May 2013, Journal of Hosp Inf: https://t.co/HrQLPfOS8M

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"The Role of Facemasks and Hand Hygiene in the Prevention of Influenza Transmission in Households: Results From a Cluster Randomised Trial; Berlin, Germany, 2009-2011," Suess et al., Jan 26 2012, BMC Infect Dis.: https://t.co/BA2In2K3hi

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"Facemasks, Hand Hygiene, and Influenza Among Young Adults: A Randomized Intervention Trial," Aiello et al., Jan 25 2012, PLoS One: https://t.co/wMFUXKAL1H

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"Is Abdominal Obesity Associated With the 2009 Influenza A (H1N1) Pandemic in Korean School-Aged Children?" Kim et al., Dec 8 2011, Influenza and Other Respiratory Viruses: https://t.co/ep1VDDIwx0

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"Impact of Non-Pharmaceutical Interventions on URIs and Influenza in Crowded, Urban Households," Larson et al., Mar 2010, Public Health Rep.: https://t.co/G8VbosXLau

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"A Quantitative Assessment of the Efficacy of Surgical and N95 Masks to Filter Influenza Virus in Patients With Acute Influenza Infection," Johnson et al., July 15 2009, Clin Infect Dis: https://t.co/nkSpYULnnf

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"Face Mask Use and Control of Respiratory Virus Transmission in Households," MacIntyre et al., Feb 2009, Emerg Infect Dis.: https://t.co/SPyWDGjudR

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"The First Randomized, Controlled Clinical Trial of Mask Use in Households to Prevent Respiratory Virus Transmission," MacIntyre et al. Dec 1 2008, Int J Infect Dis.: https://t.co/eKdvAvOzeJ

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"Professional and Home-Made Face Masks Reduce Exposure to Respiratory Infections among the General Population," v.d.Sande et al., July 9 2008, PLoS One: https://t.co/pz1LHUHADP

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"Factors Associated With Nosocomial SARS-CoV Transmission Among Healthcare Workers in Hanoi, Vietnam, 2003," Reynolds et al., Aug 2006, BMC Public Health: https://t.co/lSPnZv6Xtq

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"Investigation of the Influencing Factors on Severe Acute Respiratory Syndrome Among Health Care Workers," Pei et al., June 18 2006, Beijing Da Xue Xue Bao Yi Xue Ban: https://t.co/xLhEtkgGBe

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"Simple Respiratory Mask," Dato et al., June 2006, Emerg Infect Dis.: https://t.co/Vav7zmGNnc

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"Rapid Awareness and Transmission of Severe Acute Respiratory Syndrome in Hanoi French Hospital, Vietnam," Jul 1 2005, Am J Trop Med and Hyg.: https://t.co/coc6jmb2zy

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"Factors associated with transmission of severe acute respiratory syndrome among health-care workers in Singapore," Teleman et al., Nov 8 2004, Epidemiol Infect.: https://t.co/W9Sg0V8zun

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"SARS Among Critical Care Nurses, Toronto," Loeb et al., Feb 2004, Emerg Infect Dis.: https://t.co/d50otdmfzH

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