

# PUBLIC HEALTH ENGLAND BEHAVIOURAL SCIENCE REFERENCE CELL LITERATURE REPORT

09/04/2021

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## INTRODUCTION

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This is the forty fifth weekly literature report from the Public Health England Behavioural Science Reference Cell. The report aims to highlight a selection of COVID-19 related work in the field of behavioural and social science (mostly) released from the 26<sup>th</sup> March 2021 – 9<sup>th</sup> April 2021. Please note the report is not a perfect product and the inclusion or omission of a publication should not be viewed as an endorsement or rejection by PHE. Additionally, the authors of this report do not accept responsibility for the availability, reliability or content of the items included in this report and do not necessarily endorse the views expressed within them.

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## HIGHLIGHTS

As we know how time pressured everyone is at the moment, the authors of the digest have selected three recommended items from the lists below. This week these are:

Adherence to the test, trace, and isolate system in the UK: results from 37 nationally representative surveys, Louise E. Smith et al., BMJ, 31<sup>st</sup> March 2021.

Re-opening live events and large venues after Covid-19 'lockdown': Behavioural risks and their mitigations, John Drury et al., Safety Science, 30<sup>th</sup> March 2021.

Shaping the COVID decade: addressing the long-term societal impacts of COVID-19, The British Academy, March 2021.

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## RESEARCH PAPERS

### Pre-prints (not peer-reviewed)

Taking care with self-care during COVID-19: Affect-behaviour associations during early stages of the pandemic, David Disabato et al., PsyArXiv Preprints, 8<sup>th</sup> April 2021.

COVID-19 vaccination acceptability in the UK at the start of the vaccination programme: a nationally representative cross-sectional survey (CoVAccS wave 2), Susan Mary Sherman et al., medRxiv, 8<sup>th</sup> April 2021.

Trust boosts recovery of countries from COVID-19, Timothy M. Lenton et al., medRxiv, 7<sup>th</sup> April 2021.

Elite party cues increase vaccination intentions among Republicans, Sophia Pink et al., PsyArXiv Preprints, 7<sup>th</sup> April 2021.

Understanding how Victoria, Australia gained control of its second COVID-19 wave, James M. Trauer et al., medRxiv Preprints, 7<sup>th</sup> April 2021.

## UNCLASSIFIED

It's possibly made us feel a little more alienated: How people from ethnic minority communities conceptualise COVID-19 and its influence on engagement with testing, Tushna F. Vandrevalla et al., medRxiv, 7<sup>th</sup> April 2021.

Evidence that loneliness can be reduced by a whole-of-community intervention to increase neighbourhood identification, Polly Fong et al., Social Science and Medicine, 6<sup>th</sup> April 2021.

Intragroup differences in COVID-19 vaccine attitudes among Black Americans, Charles Senteio et al., PsyArXiv Preprints, 6<sup>th</sup> April 2021.

A complex systems perspective on compliance with behavioural measures during the COVID-19 pandemic in the Netherlands: How psychological networks can inform interventions, Monique Chambon et al., PsyArXiv Preprints, 31<sup>st</sup> March 2021.

Perceived scarcity and cooperation contextualized to the COVID-19 pandemic, Claudia Civai et al., PsyArXiv Preprints, 31<sup>st</sup> March 2021.

Large gatherings? No, thank you. Devaluation of crowded social scenes during the COVID-19 pandemic, Claudia Massaccesi et al., PsyArXiv Preprints, 31<sup>st</sup> March 2021.

Health risk behaviours among people with severe mental ill health during the COVID-19 pandemic: analysis of linked cohort data, Emily Peckham et al., medRxiv, 31<sup>st</sup> March 2021.

Doom scrolling during COVID-19: The negative association between daily social and traditional media consumption and mental health symptoms during the COVID-19 pandemic, Matthew Price et al., PsyArXiv Preprints, 30<sup>th</sup> March 2021.

The influence of gain-loss framing and its interaction with political ideology on social distancing and mask wearing compliance during the COVID-19 pandemic, Jordan Steffen et al., PsyArXiv Preprints, 29<sup>th</sup> March 2021.

What predicts attitudes about mask wearing?, Calvin Isch et al., PsyArXiv Preprints, 28<sup>th</sup> March 2021.

## UNCLASSIFIED

Perceptions on undertaking regular asymptomatic self-testing for COVID-19 using lateral flow tests: A qualitative study of university students and staff, Marta Wanat et al., medRxiv, 28<sup>th</sup> March 2021.

The acceptability of testing contacts of confirmed COVID-19 cases using serial, self-administered lateral flow devices as an alternative to self-isolation, Nicola Love et al., medRxiv, 26<sup>th</sup> March 2021.

Healthy diets, lifestyle changes and wellbeing during and after lockdown: Longitudinal evidence from the West Midlands, Thijs van Rens et al., medRxiv, 26<sup>th</sup> March 2021.

Public opinion about the UK Government during COVID-19 and implications for public health: a topic modelling analysis of open-ended survey response data, Liam Wright et al., 26<sup>th</sup> March 2021.

Distrustful complacency and the COVID-19 vaccine: How concern and political trust interact to affect vaccine hesitancy, Fanny Lalot et al., PsyArXiv Preprints, 24<sup>th</sup> March 2021.

A mega-study of text-based nudges encouraging patients to get vaccinated at an upcoming doctor's appointment, Katherine L. Milkman et al., SSRN, 19<sup>th</sup> February 2021.

A mega-study of text-message nudges encouraging patients to get vaccinated at their pharmacy, Katherine L. Milkman et al., SSRN, 19<sup>th</sup> February 2021.

### **Published**

COVID-19 vaccine intentions in the United States, a social-ecological framework, Carl Latkin et al., Vaccine, 15<sup>th</sup> April 2021.

Countering social stigma and discrimination during the COVID-19 pandemic through solidarity, Ariel C. Balingue, Journal of Public Health, 5<sup>th</sup> April 2021.

The mental health benefits of community helping during crisis: Coordinated helping, community identification and sense of unity during the COVID-19 pandemic, Mhairi Bowe et al., Journal of Community and Applied Social Psychology, 5<sup>th</sup> April 2021.

UNCLASSIFIED

Social distancing attitudes, national context, and health outcomes during the COVID-19 pandemic: Findings from a global survey, Harris Hyun-soo Kim et al., Preventative Medicine, 2<sup>nd</sup> April 2021.

Does religion influence the motivations of future healthcare professionals to volunteer during the COVID-19 pandemic in Poland? an exploratory study, Jan Domaradzki et al., Journal of Religion and Health, 2<sup>nd</sup> April 2021.

Willingness to receive a COVID-19 vaccination among incarcerated or detained persons in correctional and detention facilities - Four States, September-December 2020, Marc F. Stern et al., MMWR, 2<sup>nd</sup> April 2021.

A framework for mobilizing health care to respond to the community within the COVID-19 pandemic, Fayron Epps et al., Preventing Chronic Disease, 1<sup>st</sup> April 2021.

The interplay between anxiety, fear, protective behaviours, compassion, and resilience among older adults during a COVID-19 lockdown: a structural equation modelling study, Xin Ying Lim et al., Translational Behavioural Medicine, 1<sup>st</sup> April 2021.

The impact of COVID-19 on health behaviour, well-being, and long-term physical health, Emily McBride et al., British Journal of Health Psychology, 31<sup>st</sup> March 2021.

Adherence to the test, trace, and isolate system in the UK: results from 37 nationally representative surveys, Louise E. Smith et al., BMJ, 31<sup>st</sup> March 2021.

Experiences and needs of persons living with a household member infected with SARS-CoV-2: A mixed method study, Janneke D. M. Verberk et al., PLOS ONE, 31<sup>st</sup> March 2021.

Text messaging real-time COVID-19 clinical guidance to hospital employees, Cheyenne Williams et al., Applied Clinical Informatics, 31<sup>st</sup> March 2021.

Transparency of the national government as key in promoting the rollout of COVID-19 vaccines, Moriah Dianne M Dela Cruz et al., Journal of Public Health, 30<sup>th</sup> March 2021.

Re-opening live events and large venues after Covid-19 'lockdown': Behavioural risks and their mitigations, John Drury et al., Safety Science, 30<sup>th</sup> March 2021.

UNCLASSIFIED

Emphasizing truthfulness in COVID-19 test declarations, Ivan Efreaim A Gozum et al., Journal of Public Health, 30<sup>th</sup> March 2021.

Media framing of fighting COVID-19 in China, Lili Gui, Sociology of Health and Illness, 30<sup>th</sup> March 2021.

Adherence to behavioural Covid-19 mitigation measures strongly predicts mortality, Jürgen Margraf et al., PLOS ONE, 30<sup>th</sup> March 2021.

Shaping public opinion through the lens of agenda setting in rolling out COVID-19 vaccination program, Leslie M. Medina et al., Journal of Public Health, 30<sup>th</sup> March 2021.

“We need a song of hope”: responding to the COVID-19 informational and psychospiritual needs of residents of a gated community in the Philippines, Godwin Nwadibia Aja et al., Journal of Religion and Health, 29<sup>th</sup> March 2021.

Wellbeing of frontline health care workers after the first SARS-CoV-2 pandemic surge at a neuroscience centre: a cross-sectional survey, Deborah R. Douglas et al., Journal of Neurosurgical Anaesthesiology, 29<sup>th</sup> March 2021.

Trust in government regarding COVID-19 and its associations with preventive health behaviour and prosocial behaviour during the pandemic: a cross-sectional and longitudinal study, Qing Han et al., Psychological Medicine, 26<sup>th</sup> March 2021.

Mental health and physical activity among children and adolescents during the COVID-19 pandemic, Junko Okuyama et al., The Tohoku Journal of Experimental Medicine, 26<sup>th</sup> March 2021.

The relationship between children's problematic internet-related behaviours and psychological distress during the onset of the COVID-19 pandemic: a longitudinal study, Chao-Ying Chen et al., Journal of Addiction Medicine, 24<sup>th</sup> March 2021.

Vaccination strategies against COVID-19 and the diffusion of anti-vaccination views, Rafael Prieto Curiel et al., Scientific Reports, 23<sup>rd</sup> March 2021.

“Staying Home – Feeling Positive”: Effectiveness of an on-line positive psychology group intervention during the COVID-19 pandemic, Andreas Brouzos et al., Current Psychology, 20<sup>th</sup> March 2021.

## UNCLASSIFIED

Media consumption and mental health during COVID-19 lockdown: a UK cross-sectional study across England, Wales, Scotland and Northern Ireland, Ruth D. Neil et al., Journal of Public Health, 20<sup>th</sup> March 2021.

Role of neighbourhood social support in stress coping and psychological wellbeing during the COVID-19 pandemic: Evidence from Hubei, China, Xi Chen et al., Health and Place, 19<sup>th</sup> March 2021.

The effect of religion on psychological resilience in healthcare workers during the Coronavirus disease 2019 pandemic, Mei-Chung Chang et al., Frontiers in Psychology, 11<sup>th</sup> March 2021.

Psychological and behavioural impact of lockdown and quarantine measures for COVID-19 pandemic on children, adolescents and caregivers: a systematic review and meta-analysis, Prateek Kumar Panda et al., Journal of Tropical Pediatrics, 27<sup>th</sup> December 2021.

Difficult trade-offs in response to COVID-19: the case for open and inclusive decision making, Ole F. Norheim et al., Nature Medicine, 18<sup>th</sup> December 2020.

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## COMMENTARIES, STATEMENTS, POSITION PAPERS, AND GREY LITERATURE

Mapping loneliness during the coronavirus pandemic, Office for National Statistics, 7<sup>th</sup> April 2021.

Lessons from the success of COVID-19 control in Taiwan, Robert Steinbrook, JAMA Internal Medicine, 6<sup>th</sup> April 2021.

What money can't buy: an argument against paying people to get vaccinated, Nancy S. Jecker et al., BMJ, 2<sup>nd</sup> April 2021.

Public opinion on global rollout of COVID-19 vaccines, Philip M. Clarke et al., Nature Medicine, 30<sup>th</sup> March 2021.

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## BLOGS

A very real danger that covid-19 will become entrenched as a disease of poverty, Christina Pagel, BMJ, 9<sup>th</sup> April 2021.

## UNCLASSIFIED

Practicalities are the most significant impediments to people getting a COVID vaccine – and the easiest to address, Yihan Xu et al., The Behavioural Insights Team, 9<sup>th</sup> April 2021.

What is behind the low covid-19 vaccine take-up in some ethnic minorities?, Tasnime Osama et al., BMJ, 8<sup>th</sup> April 2021.

The futility of vaccine passports, Yasmeen Serhan, The Atlantic, 7<sup>th</sup> April 2021.

Offering twice-weekly Covid tests is futile without proper support for self-isolators, Stephen Reicher, The Guardian, 6<sup>th</sup> April 2021.

Contrasting figures on adherence to self-isolation show that support is even more important than ever, Stephen Reicher et al., BMJ, 5<sup>th</sup> April 2021.

Vaccine cheat days are adding up, Katherine J. Wu, The Atlantic, 4<sup>th</sup> April 2021.

How to lose friends and alienate people? On the problems of vaccine passports, Stephen Reicher et al., BMJ, 1<sup>st</sup> April 2021.

How our existing beliefs about vaccines lead us to misinterpret new information, Owain Service et al., The Cognition Company, 1<sup>st</sup> April 2021.

The post-vaccine risk phase, Olivier Blanchard et al., Project Syndicate, 31<sup>st</sup> March 2021.

Addressing vaccine hesitancy in BIPOC communities — toward trustworthiness, partnership, and reciprocity, Sandra C. Quinn et al., The New England Journal of Medicine, 31<sup>st</sup> March 2021.

A year of covid-19: Alliances, lessons, and learning for the mental health sector, Adrian James, BMJ, 29<sup>th</sup> March 2021.

Perfecting protection, Frontline BeSci, 26<sup>th</sup> March 2021.

Opinion: 5 ways to make the vaccine rollout more equitable, Faith E. Fletcher et al., NPR, 25<sup>th</sup> March 2021.

What we learned from tracking every COVID policy in the world, Thomas Hale, The Conversation, 24<sup>th</sup> March 2021.



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## PODCASTS, WEBINARS, AND RECORDINGS

### Upcoming

Talking about science – how we can all benefit, Imperial College London, 13<sup>th</sup> April 2021.

### Pre-recorded

COVID “myths” with Dr Stephanie Dancer, (24 mins), Infection Control Matters, 1<sup>st</sup> April 2021.

Listen: No shirt. No shoes. No shots. No service, (40 mins), Social Distance, The Atlantic, 1<sup>st</sup> April 2021.

COVID-19 caused the biggest drop in carbon emissions ever – how can we make it last? Podcast, (37 mins), Daniel Merino et al., The Conversation, 18<sup>th</sup> March 2021.

A ‘new normal’ for the social sciences: improving pandemic preparedness and response, (10 mins), Raad Fadaak et al., LSE, 21<sup>st</sup> September 2020.

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## NEWSPAPER ARTICLES AND OTHER JOURNALISM

Through understanding and empathy, we can convince women to get the COVID-19 vaccine, Alejandra Arrieta et al., Think Global Health, 1<sup>st</sup> April 2021.

The hidden toll of remote work, Arthur C. Brooks, The Atlantic, 1<sup>st</sup> April 2021.

The place with surprisingly high vaccine hesitancy, Timothy McLaughlin, The Atlantic, 1<sup>st</sup> April 2021.

Majority of Britons support vaccine passports but recognise concerns in new Ipsos MORI UK KnowledgePanel poll, Kelly Beaver et al., Ipsos MORI, 31<sup>st</sup> March 2021.

Social distancing behaviours drop as U.S. vaccinations rise, Jeffrey M. Jones, Gallup, 31<sup>st</sup> March 2021.

Some parents won’t vaccinate their kids against COVID. Here are their reasons, Jessica Calarco, The Washington Post, 29<sup>th</sup> March 2021.

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A user's guide: How to talk to those hesitant about the Covid-19 vaccine, Usha Lee McFarling, Stat News, 26<sup>th</sup> March 2021.

Gen Z interest in COVID-19 vaccine plummets as country reopens, new poll finds, Noah Pransky, LX, 24<sup>th</sup> March 2021.

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### MISCELLANEOUS

The little jab book: 18 behavioural science strategies for increasing vaccination uptake, Save the Children, 2021.

Shaping the COVID decade: addressing the long-term societal impacts of COVID-19, The British Academy, March 2021.

The COVID decade: Understanding the long-term societal impacts of COVID-19, The British Academy, March 2021.

University of Glasgow and SOM launch new return to work guidelines, SOM, 31<sup>st</sup> March 2021.