

# BEHAVIOURAL SCIENCE AND INSIGHTS UNIT (BSIU) LITERATURE REPORT

**29<sup>th</sup> October 2021: Week 74**

The report aims to highlight a selection of COVID-19 related work in the field of behavioural and social science (mostly) released from the 22<sup>nd</sup> October 2021 – 29<sup>th</sup> October 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 UK Health Security Agency. 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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## Past editions

You can find our thematically categorised database of all previous literature reports [here](#)

You can find past editions, under the ‘Keeping up to date’ tab [here](#)

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## Highlights

As we know how time pressured everyone is, the authors of the digest have selected three recommended items from the lists below.

This week these are:

1. [Eight in ten adults think social distancing is important – but four in ten actually do it](#), Office for National Statistics, 22<sup>nd</sup> October 2021.
2. [What have we learned from funding COVID-19 research across the globe?](#), UKCDR, 2<sup>nd</sup> November 2021.
3. [How do people support each other in emergencies? A qualitative exploration of altruistic and prosocial behaviours during the COVID-19 pandemic](#), Selin Tekin, Analyses of Social Issues and Public Policy, 24<sup>th</sup> October 2021.

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## Research Papers

### Pre-prints (not peer-reviewed)

[Mobility network reveals the impact of geographic vaccination heterogeneity on COVID-19](#), Yuan Yuan et al., medRxiv, 27<sup>th</sup> October 2021.

[Optimizing COVID-19 control with asymptomatic surveillance testing in a university environment](#), Cara E. Brook et al., medRxiv, 27<sup>th</sup> October 2021.

[COVID-19 testing and vaccine willingness: Cross-sectional survey in a culturally diverse community in Sydney, Australia](#), Julie Ayre et al., medRxiv, 26<sup>th</sup> October 2021.

[Global diversity of policy, coverage, and demand of COVID-19 vaccines: a descriptive study](#), Zhiyuan Chen et al., medRxiv, 26<sup>th</sup> October 2021.

[The role of mindfulness and compassion in predicting early adults' subsequent mental health, coping and compliance with health guidelines during the covid-19 pandemic: a prospective longitudinal study](#), Natalia Van Doren, PsyArXiv Preprints, 26<sup>th</sup> October 2021.

[Predicting willingness to be vaccinated for Covid-19: evidence from New Zealand](#), Geoff Kaine et al., medRxiv, 26<sup>th</sup> October 2021.

Trends in social exposure to SARS–Cov–2 in France. Evidence from the national socio-epidemiological cohort – EPICOV, Josiane Warszawski et al., medRxiv, 26<sup>th</sup> October 2021.

ICOPE with covid-19: a brief telemental health intervention for children and adolescents during the covid-19 pandemic, Michelle Zepeda et al., PsyArXiv Preprints, 26<sup>th</sup> October 2021.

Main COVID-19 information sources in a culturally and linguistically diverse community in Sydney, Australia: A cross-sectional survey, J Ayre et al., medRxiv, 25<sup>th</sup> October 2021.

Social mixing patterns in the UK following the relaxation of COVID-19 pandemic restrictions: a cross-sectional online survey, Jessica RE Bridgen et al., medRxiv, 25<sup>th</sup> October 2021.

Covid-19 vaccination mandates and vaccine uptake, Alexander Karaivanov et al., medRxiv, 25<sup>th</sup> October 2021.

Compliance with Covid-19 measures: evidence from New Zealand, Geoff Kaine, medRxiv, 25<sup>th</sup> October 2021.

Psychological distress before and during the covid-19 pandemic: sociodemographic inequalities in 11 UK longitudinal studies, Kishan Patel et al., medRxiv, 25<sup>th</sup> October 2021.

General Practitioner perspectives and wellbeing during the COVID-19 Pandemic: a mixed method social media analysis, Su Golder et al., medRxiv, 22<sup>nd</sup> October 2021.

Use and impact of virtual primary care on quality and safety: the public's perspectives during the COVID-19 pandemic, Ana Luisa Neves et al., 22<sup>nd</sup> October 2021.

The effect of herd immunity thresholds on willingness to vaccinate against COVID-19, Per Andersson et al., PsyArXiv Preprints, 22<sup>nd</sup> October 2021.

Lockdown experiences and views on future research participation of autistic adults in the UK during the first six months of the COVID-19 pandemic, Alba X Realpe et al., PsyArXiv Preprints, 26<sup>th</sup> October 2021.

## Published

High anti-SARS-CoV-2 antibody seroconversion rates before the second wave in Manaus, Brazil, and the protective effect of social behaviour measures: results from the prospective DETECTCoV-19 cohort, Pritesh Lalwani, The Lancet Global Health, 1<sup>st</sup> November 2021.

Inconsistent and incomplete retraction of published research: A cross-sectional study on Covid-19 retractions and recommendations to mitigate risks for research, policy and practice, Geoff Frampton et al., PLoS One, 27<sup>th</sup> October 2021.

Invincibility threatens vaccination intentions during a pandemic, James M. Leonhardt et al., PLoS One, 27<sup>th</sup> October 2021.

Rapid Proliferation of Pandemic Research: Implications for Dual-Use Risks, Sriharshita Musunuri et al., mBio, 26<sup>th</sup> October 2021.

Disparity between knowledge and practice regarding COVID-19 in Thailand: A cross-sectional study of older adults, Paolo Miguel Manalang Vicerra, PLoS One, 26<sup>th</sup> October 2021.

Mapping home internet activity during COVID-19 lockdown to identify occupation related inequalities, Cameron Zachreson et al., Scientific Reports, 26<sup>th</sup> October 2021.

Following the best of us to help them: Group member prototypicality and collective action, Gian Antonio Di Bernardo et al., Group Processes & Intergroup Relations, 25<sup>th</sup> October 2021.

Evaluating complex interventions in context: systematic, meta-narrative review of case study approaches, Sara Paparini et al., BMC Medical Research Methodology, 25<sup>th</sup> October 2021.

How do people support each other in emergencies? A qualitative exploration of altruistic and prosocial behaviours during the COVID-19 pandemic, Selin Tekin, Analyses of Social Issues and Public Policy, 24<sup>th</sup> October 2021.

Impact of COVID-19 on consumers' impulse buying behavior of fitness products: A moderated mediation model, Weisheng Chiu et al, Journal of Consumer Behaviour, 23<sup>rd</sup> October 2021.

Patient and public involvement in randomised clinical trials: a mixed-methods study of a clinical trials unit to identify good practice, barriers and facilitators, Lucy Ellen Selman, *Trials*, 23<sup>rd</sup> October 2021.

The four weeks before lockdown during the COVID-19 pandemic in Germany: a weekly serial cross-sectional survey on risk perceptions, knowledge, public trust and behaviour, 3 to 25 March 2020, Cornelia Betsch et al., *Eurosurveillance*, 21<sup>st</sup> October 2021.

Police Powers and Public Assemblies: Learning from the Clapham Common ‘Vigil’ during the Covid-19 Pandemic, Clifford Stott et al., *Policing: A Journal of Policy and Practice*, 21<sup>st</sup> October 2021.

Gender gap in journal submissions and peer review during the first wave of the COVID-19 pandemic. A study on 2329 Elsevier journals, Flaminio Squazzoni et al., *PLoS One*, 20<sup>th</sup> October 2021.

Quantifying and benchmarking disparities in COVID-19 vaccination rates by race and ethnicity, Marissa B. Reitsma et al., *JAMA Network Open*, 20<sup>th</sup> October 2021.

Welcoming new life under lockdown: Exploring the experiences of first-time mothers who gave birth during the COVID-19 pandemic, Anna Gray et al., *British Journal of Health Psychology*, 11<sup>th</sup> October 2021.

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## **Commentaries, Statements, Position Papers and Grey Literature**

Twenty years after the anthrax terrorist attacks of 2001: lessons learned and unlearned for the COVID-19 response, Lawrence O. Gostin et al., *JAMA*, 27<sup>th</sup> October 2021.

Potentially long-lasting effects of the pandemic on scientists, Jian Gao et al., *Nature Communications*, 26<sup>th</sup> October 2021.

Eight in ten adults think social distancing is important – but four in ten actually do it, Health and well-being, Office for National Statistics, 22<sup>nd</sup> October 2021.

SPI-B, SPI-M and EMG: Considerations for potential impact of Plan B measures, 13 October 2021, SAGE, 22<sup>nd</sup> October 2021.

WHO and partners call for action to better protect health and care workers from COVID-19, World Health Organisation, 21<sup>st</sup> October 2021.

Building health systems resilience for universal health coverage and health security during the COVID-19 pandemic and beyond: WHO position paper, World Health Organisation, 19<sup>th</sup> October 2021.

The impact of COVID-19 on health and care workers, World Health Organisation, September 2021.

Two priorities for 'levelling up' from a behavioural science perspective, Susan Michie, Academy of Social Sciences, no date.

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## Blogs

Ruminating about symptoms can maintain distress in those with OCD, Emily Reynolds, Research Digest, 26<sup>th</sup> October 2021.

Doomscrolling COVID news takes an emotional toll – here's how to make your social media a happier place, Kathryn Buchanan et al., The Conversation, 22<sup>nd</sup> October 2021.

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## Podcasts, Webinars and Recordings

### Upcoming

Introduction to behaviour change development framework, Behavioural Science and Public Health Network, 3<sup>rd</sup> December 2021.

Threat is Real. Pandemics, Public Health, and Long Shadows, School of Health and Related Research, The University of Sheffield, 29<sup>th</sup> November 2021.

Decision time - how to make the choices your life depends on, How to Academy, 22<sup>nd</sup> November 2021.

What have we learned from funding COVID-19 research across the globe, UKCDR, 2<sup>nd</sup> November 2021.

### Pre-Recorded

The possible impact of false-negative PCR tests, BBC Inside Science, BBC Sounds, 21<sup>st</sup> October 2021.

October 20, 2021: The Capitol Hill steering committee on pandemic preparedness & health security, Center for Health Security, 20<sup>th</sup> October 2021.

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## **Newspapers and other Journalism**

My daughter was bullied at school for having the Covid jab. No wonder UK take-up is low, Anonymous, The Guardian, 27<sup>th</sup> October 2021.

World leaders must act now to prevent next pandemic, warns Global Preparedness Monitoring Board, Ingrid Torjesen, The BMJ, 27<sup>th</sup> October 2021.

The psychology of masks: why have so many people stopped covering their faces?, Emine Saner, The Guardian, 26<sup>th</sup> October 2021.

Booster jab rollout: 'It protects myself and other people', Nikki Fox et al., BBC News, 24<sup>th</sup> October 2021.

Covid: Are people wearing masks less often?, Daniel Kraemer, BBC News, 22<sup>nd</sup> October 2021.

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## **Miscellaneous**

KFF global COVID-19 coverage tool: current and projected coverage – updated as of October 28, KKF, 28<sup>th</sup> October 2021.

Hybrid work: the inclusion question, MoreThanNow, no date.

Advancing and applying the science of behaviour change through machine learning, Human Behaviour-Change Project, no date.

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## **LitRep Collections: *The role of trust in adherence***

Trust in institutions, not in political leaders, determines covid-19 public health compliance in societies across the globe, Ryan Paul Badman, PsyArXiv Preprints, 14<sup>th</sup> September 2021.

The Cummings effect: politics, trust, and behaviours during the COVID-19 pandemic, Daisy Fancourt et al., The Lancet, 6<sup>th</sup> August 2021.

Association between trust in government and practice of preventive measures during the covid-19 pandemic in Japan, Hiroshi Gotanda et al., Journal of General Internal Medicine, 22<sup>nd</sup> June 2021.

With the little help of science understanding: Examining the direct and indirect role of scientific reasoning and trust in science in normative health behaviour during pandemic, Vladimira Cavojoiva et al., PsyArXiv Preprints, 7<sup>th</sup> June 2021.

Beliefs in COVID-19 conspiracy theories, compliance with the preventive measures, and trust in government medical officials, Irena Pavela Banaib et al., National Library of Medicine, 26<sup>th</sup> May 2021.

Adherence to social distancing guidelines throughout the covid-19 pandemic: the roles of pseudoscientific beliefs, trust, political party affiliation, and risk perceptions, Kim L Gratz et al., National Library of Medicine, 6<sup>th</sup> May 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.

Stress and worry in the 2020 coronavirus pandemic: relationships to trust and compliance with preventive measures across 48 countries in the COVIDiSTRESS global survey, Andreas Lieberoth et al., Open Science, 10<sup>th</sup> February 2021.

Acceptance and adoption of protective measures during the covid-19 pandemic: the role of trust in politics and trust in science, Simone Dohle et al., Social Psychological Bulletin, 23<sup>rd</sup> December 2020.