

# BEHAVIOURAL SCIENCE AND INSIGHTS UNIT (BSIU) LITERATURE REPORT

## 5<sup>th</sup> November 2021: Week 75

The report aims to highlight a selection of COVID-19 related work in the field of behavioural and social science (mostly) released from the 30<sup>th</sup> October 2021 – 5<sup>th</sup> November 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

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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. Community transmission and viral load kinetics of the SARS-CoV-2 delta (B.1.617.2) variant in vaccinated and unvaccinated individuals in the UK: a prospective, longitudinal, cohort study, Anika Singanayagam et al., The Lancet Infectious Diseases, 29<sup>th</sup> October 2021.
2. Should children be vaccinated against COVID-19?, Petra Zimmermann et al., Archives of disease in children, 3<sup>rd</sup> November 2021.
3. Coronavirus and the social impacts on Great Britain, Caleb Ogwuru et al., Office for National Statistics, 5<sup>th</sup> November 2021.

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## Research Papers

### Pre-prints (not peer-reviewed)

Underlying factors that influence the acceptance of COVID-19 vaccine in a country with a high vaccination rate, Daniela Toro-Ascuy et al., medRxiv, 1<sup>st</sup> November 2021

Social discrimination and stigma on the community of health professionals during the Covid-19 pandemic. An ethnographic approach, Alexandros Argyriadis et al., medRxiv, 29<sup>th</sup> October 2021.

Do attitudes, trust, and acceptance of pseudoscience and conspiracy theories predict covid-19 vaccination status?, Matthew J. Grawitch & Kristi Lavigne, PsyArXiv, 29<sup>th</sup> October 2021.

Impact of non-pharmacological interventions on COVID-19 boosting vaccine prioritization and vaccine-induced herd immunity: a population-stratified modelling study, Zhiyao Li et al., medRxiv, 28<sup>th</sup> October 2021.

Long-term health-related quality of life in non-hospitalised COVID-19 cases with confirmed SARS-CoV-2 infection in England: Longitudinal analysis and cross-sectional comparison with controls, Frank Sandmann et al., medRxiv, 25<sup>th</sup> October 2021.

Examining children's questions and parents' responses about covid-19 pandemic in Turkey, Burcu Unlutabak & Ilayda Velioglu, PsyArXiv, 25<sup>th</sup> October 2021.

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

Pandemic fatigue and populism: the development of pandemic fatigue during the covid-19 pandemic and how it fuels political discontent across eight western democracies, Michael Bang Petersen et al., PsyArXiv, 22<sup>nd</sup> October 2021.

## Published

How to make study documents clear and relevant: the impact of patient involvement, Sagar Jilka et al., BJPsych Open, 4<sup>th</sup> November 2021.

The Theory of Planned Behavior during the COVID-19 pandemic: A comparison of health behaviors between Belgian and French residents, Robin Wollast et al., National Library of Medicine, 4<sup>th</sup> November 2021.

Effects of covid-19 pandemic on life expectancy and premature mortality in 2020: time series analysis in 37 countries, Nazrul Islam et al., BMJ, 3<sup>rd</sup> November 2021.

Changes in the quantity and quality of time use during the COVID-19 lockdowns in the UK: Who is the most affected?, Ines Lee et al., PLOS ONE, 3<sup>rd</sup> November 2021.

Should children be vaccinated against COVID-19?, Petra Zimmermann et al., Archives of disease in children, 3<sup>rd</sup> November 2021.

Designing a conceptual framework for misinformation on social media: a qualitative study on COVID-19, Peivand Bastani et al., BMC research notes, 2<sup>nd</sup> November 2021.

Trends in COVID-19 vaccination intent from pre- to post-COVID-19 vaccine distribution and their associations with the 5C psychological antecedents of vaccination by

sex and age in Japan, Masaki Machida et al., Human Vaccines & Immunotherapeutic, 1<sup>st</sup> November 2021.

Public health messaging during the covid-19 pandemic and beyond: lessons from communication science, Xiaoli Nan et al., Health Communication, 1<sup>st</sup> November 2021.

The relationship between measures of individualism and collectivism and the impact of COVID-19 across nations, Ravi Philip Rajkumar, Public Health in Practice, November 2021.

The impact of COVID-19 on paediatric emergency department visits. A one-year retrospective study, Eirini Kostopoulou et al., Pediatric Research, 30<sup>th</sup> October 2021.

Community transmission and viral load kinetics of the SARS-CoV-2 delta (B.1.617.2) variant in vaccinated and unvaccinated individuals in the UK: a prospective, longitudinal, cohort study, Anika Singanayagam et al., The Lancet Infectious Diseases, 29<sup>th</sup> October 2021.

Synergistic interventions to control COVID-19: Mass testing and isolation mitigates reliance on distancing, Emily Howerton et al., PLOS Computational Biology, 28<sup>th</sup> October 2021

Public perceptions of non-adherence to pandemic protection measures by self and others: A study of COVID-19 in the United Kingdom, Simon N. Williams et al., PLOS One, 28<sup>th</sup> October 2021.

Re-ordering connections: UK healthcare workers' experiences of emotion management during the COVID-19 pandemic, Anna Dowrick et al., Sociology of Health & Illness, 27<sup>th</sup> October 2021.

Covid-19 testing and vaccine acceptability among homeless-experienced adults: qualitative data from two samples, Kelly Ray Knight et al., Journal of General Internal Medicine, 26<sup>th</sup> October 2021.

Safe traveling in public transport amid COVID-19, Donggyun Ku et al., Sciences Advances, 22<sup>nd</sup> October 2021.

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## Commentaries, Statements, Position Papers and Grey Literature

Coronavirus and the social impacts on Great Britain, Caleb Ogwuru et al., Office for National Statistics, 5<sup>th</sup> November 2021.

A good 10 minutes of GP time can save hours in the emergency department, Graeme M. Mackenzie, BMJ, 1<sup>st</sup> November 2021.

Another influenza season in the shadow of the COVID-19 pandemic, Sherif Beniameen Mossad, Cleveland Clinic Journal of Medicine, November 2021

Risks, Impacts and Mitigating Responses of Covid-19 for Modern Slavery Survivors in the UK and the USA. A rapid evidence review of 'grey literature' sources in the public domain between 1 March – 31 October 2020, Erika Jimenez et al., Queen's University Belfast

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## Blogs

Government ministers not wearing masks was bad enough, but their defence of this position is even worse, Stephen Reicher et al., BMJ, 3<sup>rd</sup> November 2021.

Could it be covid?, Helen Salisbury, BMJ, 2<sup>nd</sup> November 2021.

Covid-19 vaccination should be mandatory for healthcare workers, Daniel Sokol, BMJ, 2<sup>nd</sup> November 2021.

BPS urges collective community responsibility to tackle Covid-19, BPS News, 2<sup>nd</sup> November 2021.

What Is America's COVID Goal Now?, Sarah Zhang, The Atlantic, 1<sup>st</sup> November 2021.

What helps individuals and communities to thrive?, Nancy Hey, What works wellbeing, 28<sup>th</sup> October 2021.

Parents were fine with sweeping school vaccination mandates five decades ago – but COVID-19 may be a different story, James Colgrove, The Conversation, 22<sup>nd</sup> October 2021.

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## Podcasts, Webinars and Recordings

### Upcoming

Making homeworking a success: Getting the most from remote/hybrid working styles, The British Psychology Society, 8<sup>th</sup> December 2021.

The 2021 FORUM Sir Colin Dollery Lecture - Celebrating the UK's scientific contributions to tackling the pandemic, The Academy of Medical Services, 25<sup>th</sup> November 2021.

Data Feminism: what does feminist data science look like?, Department of Statistics, LSE, 8<sup>th</sup> November 2021.

### Pre-Recorded

Virtual press conference: covid-19 vaccines for children 5-11 years old, (26mins), FDA, YouTube, 29<sup>th</sup> October 2021.

What has the pandemic taught us about human nature? Professor Stephen Reicher, (1hr 28mins), Royal Philosophical Society of Glasgow, YouTube, 24<sup>th</sup> October 2021.

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## Newspapers and other Journalism

'He was adamant he didn't want it': the pro-vax parents with vaccine-hesitant kids, Emine Saner, Vaccines and immunisation, The Guardian, 4<sup>th</sup> November 2021.

Covid cases are surging in countries such as Romania and China - and scientists say the UK can learn from them, Taz Ali, iNews, 3<sup>rd</sup> November 2021.

It's scandalous so few pregnant women in the UK are vaccinated against Covid, Rhiannon Lucy Cosslet, The Guardian, 29<sup>th</sup> October 2021.

Giant, free index to world's research papers released online, Holly Else, Nature, 29<sup>th</sup> October 2021.

How does Covid end? The world is watching the UK to find out, Laura Spinney, The Guardian, 29<sup>th</sup> October 2021.

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## Miscellaneous

Pan-European commission on health and sustainable development, Hans Henri P. Kluge, WHO.Int, September 2021.

Crest security review magazine, issue 12 - COVID 19, no date.