|  |  |  |
| --- | --- | --- |
| Scale | Scale name | Reference |
| BFI-10 | Big Five Inventory (10 items) | (Rammstedt & John, 2007) |
| CFC-S | Consideration of Future Consequences (short) | (Enzler, 2015) |
| CI | Conspiracist Ideation | (Lewandowsky, Gignac, & Oberauer, 2013) |
| EWS | Environmental Worldview Scale | (Price, Walker, & Boschetti, 2014) |
| KV | Knowledge Volume | (Malka, Krosnick, & Langer, 2009) |
| MMS | Mental Model Scales | Revised from (Bostrom et al., 2012) |
| NCS-6 | Need for Cognition (6 item) | (Lins de Holanda Coelho, Hanel, & Wolf, 2018) |
| PA | Political Affiliation |  |
| SJ | System Justification | (Kay & Jost, 2003) |
| SS | Scepticism Scale | (Capstick & Pidgeon, 2014) |
| SVSS | Schwartz Value Scale (short) | (Lindeman & Verkasalo, 2005) |
| W | Worry about climate change | (Smith & Leiserowitz, 2014) |

Table 1

*Survey scales used in the study*

*Note*. Information on individual items (e.g., item wording, item scoring, composite scores) is available in the document *surveyscales-new.csv*. For the MMS scales, information can be found in *surveyscales-mms.csv*. Scales will be administered in one of twelve sequences (see *latin-square.txt*) for each participant. The ordering of items within a scale will remain consistent for each participant, and is shown as *order.new* in the aforementioned *csv* files.

References

Bostrom, A., O’Connor, R. E., Böhm, G., Hanss, D., Bodi, O., Ekström, F., … Sælensminde, I. (2012). Causal thinking and support for climate change policies: International survey findings. *Global Environmental Change*, *22*(1), 210–222. https://doi.org/10.1016/j.gloenvcha.2011.09.012

Capstick, S. B., & Pidgeon, N. F. (2014). What is climate change scepticism? Examination of the concept using a mixed methods study of the UK public. *Global Environmental Change*, *24*, 389–401. https://doi.org/10.1016/j.gloenvcha.2013.08.012

Enzler, H. B. (2015). Consideration of Future Consequences as a Predictor of Environmentally Responsible Behavior: Evidence From a General Population Study. *Environment and Behavior*, *47*(6), 618–643. https://doi.org/10.1177/0013916513512204

Kay, A. C., & Jost, J. T. (2003). Complementary justice: effects of “poor but happy” and “poor but honest” stereotype exemplars on system justification and implicit activation of the justice motive. *Journal of Personality and Social Psychology*, *85*(5), 823–837. https://doi.org/10.1037/0022-3514.85.5.823

Lewandowsky, S., Gignac, G. E., & Oberauer, K. (2013). The Role of Conspiracist Ideation and Worldviews in Predicting Rejection of Science. *PLOS ONE*, *8*(10). https://doi.org/10.1371/journal.pone.0075637

Lindeman, M., & Verkasalo, M. (2005). Measuring Values With the Short Schwartz’s Value Survey. *Journal of Personality Assessment*, *85*(2), 170–178. https://doi.org/10.1207/s15327752jpa8502\_09

Lins de Holanda Coelho, G., Hanel, P. H. P., & Wolf, L. J. (2018). The Very Efficient Assessment of Need for Cognition: Developing a Six-Item Version. *Assessment*, 1–16.

Malka, A., Krosnick, J. A., & Langer, G. (2009). The association of knowledge with concern about global warming: trusted information sources shape public thinking. *Risk Analysis: An Official Publication of the Society for Risk Analysis*, *29*(5), 633–647. https://doi.org/10.1111/j.1539-6924.2009.01220.x

Price, J. C., Walker, I. A., & Boschetti, F. (2014). Measuring cultural values and beliefs about environment to identify their role in climate change responses. *Journal of Environmental Psychology*, *37*, 8–20. https://doi.org/10.1016/j.jenvp.2013.10.001

Rammstedt, B., & John, O. P. (2007). Measuring personality in one minute or less: A 10-item short version of the Big Five Inventory in English and German. *Journal of Research in Personality*, *41*(1), 203–212. https://doi.org/10.1016/j.jrp.2006.02.001

Smith, N., & Leiserowitz, A. (2014). The Role of Emotion in Global Warming Policy Support and Opposition. *Risk Analysis*, *34*(5), 937–948. https://doi.org/10.1111/risa.12140