**README - Data extracted from included studies**

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| Type of information |  | Variable coded | Description |
| Study meta-data | 1 | First author affiliation | Institutional affiliation of first author as published in the paper. If more than one affiliation is provided, only the first affiliation was included |
| 2 | First author continent | Continent where the first author is located, based on his first affiliation |
| 3 | First author country | Country where the first author is located, based on his first affiliation |
| 4 | First author city | City where the first author is located, based on his first affiliation. |
| 5 | Journal | Publication outlet |
| 6 | DOI | Digital object identifier of article describing study |
| 7 | Keywords | Article keywords |
| 8 | Total number of studies | Total number of studies reported in article |
| 9 | Study number | Number of respective study coded |
| Information related to review questions and search string elements | 10 | Climate change consequence | Type of climate change consequence (e.g. forecasts, projection). Where available, location or context for these were included |
| 11 | Sample size | Total N included; |
| 12 | Age - mean | Mean age of sample (pooled) |
| 13 | Age - standard deviation | Standard deviation of age of sample (pooled) |
| 14 | Age - range | Age range of sample (pooled) |
| 15 | Percent female | Percent of females in sample |
| 16 | Sample location | Country where sample was located |
| 17 | Education/ Occupation | Reported levels of education or levels of expertise/ professional background of sample |
| 18 | Sample - other | Other information about sample, such as method of recruitment (Online panels, face to face convenience samples etc.) |
| 19 | Study type | Experiment or quasi experiment |
| 20 | Study design | Number and types of experimental groups; within and between designs |
| 21 | Source of uncertainty | Source of uncertainty studied as described by the authors (such as conflicting evidence or imprecision) |
| 22 | Comparator | Type of comparator included, such as a control group |
| 23 | Type of outcome | Types of outcome measure applied in study |
| 24 | Individual differences measured | Where available, types of individual differences measure applied in study |
| 25 | Descriptive statistics for treatment groups | Mean, standard deviation, standard error, confidence interval; where available |
| 26 | Descriptive statistics for control group | Mean, standard deviation, standard error, confidence interval; where available |
| 27 | Analysis type | Statistical analysis used for answering each research question |
| 28 | Analysis outcome | Results of statistical analysis reported for answering each research question |
| 29 | Effect size | Effect size reported for each analysis |
| 30 | Communication recommendation | Recommendation specified explicitly either by study authors themselves, or delineated from reported results |
| 31 | Policy implication | Policy implication discussed by study authors about communicating uncertainty inherent in climate information |