1. PROJECT

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Title: Intolerance of Uncertainty, anxiety, and worry in children and adolescents: A meta-analysis

Dates: March 2014 – July 2017

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2. DATASET

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Title: Data from meta-analysis of the association between Intolerance of Uncertainty, anxiety, and worry in children and adolescents

Description: This data was generated through a systematic review and meta-analysis of the association between Intolerance of Uncertainty, anxiety and worry in children and adolescents. The data files include a list of all studies identified by the original search, the reasons for rejection, the study characteristics of included studies, the raw data that was used for the meta-analyses reported in the associated paper and the R scripts used to analyse the data.

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Organisations: University of Reading

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3. TERMS OF USE

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4. CONTENTS

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File listing

**1. Screening\_phases**: This file contains 11 worksheets that document the full search process. ABS refers to the abstract search phase, FT refers to the Full text search phase and HS refers to the hand search. There are worksheets for rater 1 and rater 2. Rater1\_ABS contains a list of all records identified by the original search and, for each, a reason for rejection/inclusion in FT search phase. Rater 2\_ABS is identical except that it documents the decisions of the second coder. There is a worksheet named ABS-stats which shows agreement between rater 1 and rater 2 at abstract search stage. Rater1\_FT shows all records passed to the full text phase and, for each, the reason for rejection/inclusion in the meta-analysis. Rater2\_FT is identical but shows the second coders’ judgements of these records. Rater1HS\_ABS shows all records identified through hand searching of reference lists, which were checked at the abstract stage. Rater2HS\_ABS is identical but shows the second coders’ judgements. HS-ABS\_stats shows agreement between rater 1 and rater 2 at abstract search stage for hand searched records. Rater1\_HS\_FT shows all records identified by hand search that were checked at the full text stage. Rater2\_HS\_FT is identical but shows the second coders’ judgements. Further there is a Flowchart worksheet which contains the final counts of search items included in the meta-analysis.

**2. Data\_extraction\_Quality\_Assessment**. This has three worksheets. The first ‘Data extraction’ shows each of the final 31 studies included in the meta-analysis and all relevant details and data extracted for each. This includes some correlations and effect sizes that were used for the final analyses where these were available in the full text versions of each article. The second worksheet (Q\_A\_Rater\_1) includes the quality ratings for each accepted article. The third worksheet (Q-A\_Rater\_2) includes the quality ratings for each accepted article as rated by the second coder.

**3. anxietydata** contains all data used for meta-analysis of association between IU and anxiety including the following moderators: mean age, percentage of participants who were female, IU measure, percentage of participants who came from a clinical sample. Also included are sample sizes, anxiety-IU correlation and anxiety measure used.

**4. worrydata** contains all data used for meta-analysis of association between IU and worry including the following moderators: mean age, percentage of participants who were female, IU measure, percentage of participants who came from a clinical sample. Also included are sample sizes, anxiety-IU correlation and worry measure used.

All data files can be opened in Excel. The anxietydata and worrydata files must be read into Excel and cannot be opened directly. This is to ensure they are compatible for the R scripts, detailed below.

5. METHOD and PROCESSING

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The data capture the process and outcome of the meta-analysis review published in Osmanağaoğlu, N., et al. (2018), 'Intolerance of uncertainty, anxiety, and worry in children and adolescents: A meta-analysis', Journal of Affective Disorders 225: 80-90. http://dx.doi.org/10.1016/j.jad.2017.07.035.

The analyses were conducted using RStudio (version 3.2.3) and the Metafor package. The scripts are provided. These are named **‘anxiety\_analysis\_code.R’** and **‘worry\_analysis\_code 2.R’** for the anxiety meta-analysis and worry meta-analysis respectively. The codes are written to run with the anxietydata and worrydata files respectively, described above.