Research Master Thesis Measurement Error Revised Coding

Many_labs_version To which Many Labs version does this study/replication belong to?

○ 1 (1)

○ 2 (2)

○ 3 (3)

○ 5 (4)

research_type Is the coded measurement from a pre-registered replication protocol or an original paper?

○ Replication (1)

○ Original (2)

research_title Write down the title of the original research.

_____

*

variable_order Write down in order of appearance in the methods section, what order this measure was described in within the research protocol/paper.

_____

Op1 The specific version of the measure (short/long, language) is described. Include the general description of the replication protocols as a description of language (if its a single item measure and that measure is sufficiently described, code this as true).

○ False (1)

○ True (2)

○ Not applicable (3)

Op2 The administration format (pen-and-paper/computer) and enivronment (in public/in a lab) are described (Note: descriptions are only necessary if they appear relevant to the construct, and they may be general such as in a lab or both lab and online where used).

○ False (1)

○ True (2)

○ Not applicable (3)

Op5 Example items are presented within the text or in an appendix (note: online appendices are also counted for this question).

○ False (1)

○ True (2)

○ Not applicable (3)

Sel1 The source of the scale is provided (in case the scale was newly developed, if no other source was provided we can assume that it was made for this study)

○ False (1)

○ True (2)

○ Not applicable (3)

Sel3 Description or reference to psychometric evidence for the validity of the scale beyond standard reliability measures (for instance, results from a factor analysis or IRT model). Or if no additional evidence is available this is clearly stated (note: a lack of validity evidence does not count here, a clear statement must be made by the authors specifically indicating the lack of validity evidence).

○ False (1)

○ True (2)

○ Not applicable (3)

Sel_psych_evidence What kind of analysis was reported to provide psychometric evidence?

○ Exploratory Factor Analysis (1)

○ Confirmatory Factor Analysis (2)

○ Item Response Theory Model (3)

○ Other, namely: (4) _____

○ None (5)

○ Not Apllicable (only report this if psychometric evidence would not be possible for this measure, otherwise report as None) (6)

Quant1 The number of items are described.

○ False (1)

○ True (2)

○ Not applicable (3)

Quant2 The number of response options are described.

○ False (1)

○ True (2)

○ Not applicable (3)

Quant3 Any recoded responses (for example reverse coding) are described.

○ False (1)

○ True (2)

○ Not applicable (3)

Mod_check Was the measurement modified for this research (if no known differences are stated then code as false)?

○ True (1)

○ False (2)

○ None Reported (3)

Mod1 Any format changes are mentioned (paper-and-pencil <--> computer), if no changes were made to the format, and this was mentioned then code as No modification. If it is not clear, then code as False (keep general protocol mention in mind here, even if it is not clear for each individual study, a general description will still count).

○ False (1)

○ True (2)

○ No modification (3)

○ Not applicable (4)

Mod2 Validity evidence for the newly formated measure, or reasoning for why the format should not impact validity is presented. If the formatting did not change, then code as No modification. If it was not clear whether or not the formatting had changed or it seems unlikely to affect the results, then code as Not apllicable.

○ False (1)

○ True (2)

○ No modification (3)

○ Not applicable (4)

Mod3 The language in which the measure was conducted is mentioned and if this deviated from the original this is mentioned. If there was no change in language code as No modification. If it is not clear, then code as False (keep general protocol mention in mind here, even if it is not clear for each individual study, a general description will still count).

○ False (1)

○ True (2)

○ No modification (3)

○ Not applicable (4)

Mod4 Validity evidence for the translated measure, or reasoning for why the translation should not impact validity is presented. If no changes to formatting were made, then code as No modification. If it was not clear whether or not the scale was translated or it seems unlikely to affect the results, then code as Not apllicable.

○ False (1)

○ True (2)

○ No modification (3)

○ Not applicable (4)

Mod5 If number of items and/or response options deviated from the original, this is mentioned. In case of no deviations, respond as No modification. If it is not clear, then code as False (keep general protocol mention in mind here, even if it is not clear for each individual study, a general description will still count).

○ False (1)

○ True (2)

○ No modification (3)

○ Not applicable (4)

Mod6 Validity evidence is given for the change number of items/response options (such as weak factor loading, more variance in response options improved statistical properties), or reasoning for why the change was necessary. If the number of items and response options remained the same, then code as No modification. If it was not clear whether or not number of items/response options were modified or it seems unlikely to affect the results, then code as Not applicable.

○ False (1)

○ True (2)

○ No modification (3)

○ Not applicable (4)

End of Block: Measure Modification