Intro

Assessing preregistration effectiveness

In this protocol, you will assess the strictness of a preregistration, and check whether the preregistration is consistent with the corresponding study. The links to the preregistration and the paper containing the study can be found in the Excel-file you have been provided.

Please select your initials and copy-paste the information requested below from the Excel-file. Study Label Prereg and Study Label Paper refer to the study within the preregistration and the study within the paper you need to code. An 'NA' response in the Excel-file means that there is only one study to code.

PSP ID

_____

Coder initials

○ OA

○ MB

○ AS

○ GN

○ KH

○ SS

○ SA

Paper Title

[   ]

Study Label Prereg

[   ]
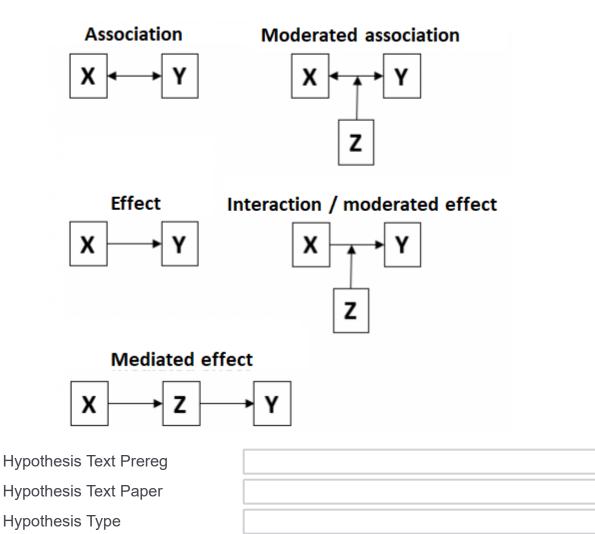
Study Label Paper

[   ]

Input

You have been assigned a hypothesis from a preregistration-study pair (PSP). Please copy-paste rows K through S from the Excel-file into the empty text boxes below. This information will make it possible to effectively fill out the rest of the form.

Below you can fill our some basic information about the hypothesis you have been assigned. The figure lists the different hypothesis types that you can encounter.

An association consists of two independent variables (X and Y), a moderated association consists of two independent variables (X and Y) and a third variable (Z), an effect consists of an independent (X) and a dependent variable (Y), and both an interaction / moderated effect and a mediated effect consist of an independent (X), dependent (Y), and third variable (Z).

Association

X ⟷ Y

Moderated association

X ⟷ Y

Z

Effect

X ⟶ Y

Interaction / moderated effect

X ⟶ Y

Z

Mediated effect

X ⟶ Z ⟶ Y

Hypothesis Text Prereg	
Hypothesis Text Paper	
Hypothesis Type	

Hypothesis variables and (categories):

Independent Variable 1	
Independent Variable 2	
Third Variable	
Dependent Variable	
First Control Variable	
Other Control Variables	

Preregistration

**In this part of the protocol, you will be asked whether some parts of
the PREREGISTRATION are specified in a 'producible manner'. Any one part of the**

preregistration is said to be <u>PRODUCIBLE</u> when the authors describe all steps that will be taken in that part (it should be specific) and each of the described steps allows only one interpretation or implementation (it should be precise). We use the term "producible" because you should be able to "produce" this part of the study based on the information in the preregistration.

Note: When the authors specify a part of the preregistration by referring to a supplementary document or another study within the preregistration, please also check for information there, but only include information from supplementary documents if the information can be clearly linked to the part of the preregistration you are trying to code. So, for example, if the authors state "the sampling plan is the same as in Study 1" please check Study 1 for information about the sampling plan but not anything else. And if the authors state "all items can be found in the supplementary materials" this should not be coded as producible if the supplementary materials do not clearly indicate which items belong to which measure.

Note: When the authors specify a part of the preregistration by referring to a different paper, please do not code this as producible. The information should be contained within the preregistration itself (and possibly the supplementary materials).

You will assess the producibility of the following study and hypothesis. That is, all questions need to be answered with this hypothesis in mind.

<u>Study Label Prereg</u>:
${q://QID5/ChoiceTextEntryValue}

<u>Hypothesis text</u>:
${q://QID553/ChoiceTextEntryValue/1}

<u>Type of hypothesis</u>:
${q://QID553/ChoiceTextEntryValue/3}

<u>Hypothesis variables and categories</u>:
IV1: ${q://QID11/ChoiceTextEntryValue/3}

IV2: ${q://QID11/ChoiceTextEntryValue/9}

3V: ${q://QID11/ChoiceTextEntryValue/5}

DV: ${q://QID11/ChoiceTextEntryValue/11}

CV1: ${q://QID11/ChoiceTextEntryValue/12}

CVs: ${q://QID11/ChoiceTextEntryValue/14}

Is Independent Variable 1 manipulated as part of an experiment?

IV1: ${q://QID11/ChoiceTextEntryValue/3}

○ Yes

○ No

Please copy-paste the text from the PREREGISTRATION that is about the operationalization of INDEPENDENT VARIABLE 1. Please include all information that can help score the producibility of this part of the preregistration.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

IV1: ${q://QID11/ChoiceTextEntryValue/3}

Does the PREREGISTRATION specify in a producible manner how INDEPENDENT VARIABLE 1 is used in the analysis to test the hypothesis (e.g., is it clear what the differences are between the conditions)?

IV1: ${q://QID11/ChoiceTextEntryValue/3}

○ Yes

○ No

Does the <u>PREREGISTRATION</u> specify which measure(e.g., test, scale, question set, physical measurement) is used as <u>INDEPENDENT VARIABLE 1</u>?

Note: You will be asked whether this variable is specified producibly in a later question.

IV1: ${q://QID11/ChoiceTextEntryValue/3}

○ Yes

○ No

For <u>INDEPENDENT VARIABLE 1</u>, we distinguish between a <u>NON-COMPOSITE MEASURE</u> (one measurement, e.g., age, gender, or a single item) and a <u>COMPOSITE MEASURE</u> (several measurements or items are combined to one scale or measurement by using a sum, linear combination, SEM, or other method).

IV1: ${q://QID11/ChoiceTextEntryValue/3}

○ Non-composite

○ Composite

Please copy-paste the text from the <u>PREREGISTRATION</u> that is about the operationalization of <u>INDEPENDENT VARIABLE 1</u>. Please include all information that can help score the producibility of this part of the preregistration (and particularly information about the elements listed in the next question).

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

IV1: ${q://QID11/ChoiceTextEntryValue/3}

Is the protocol to measure <u>INDEPENDENT VARIABLE 1</u> described in a producible manner? That is, are the following elements described in a producible manner?

1. The procedure of measurement [procedure]
2. The potential values of the measure [values]

IV1: ${q://QID11/ChoiceTextEntryValue/3}

☐ Yes, procedure
☐ Yes, values
☐ No, none of the elements

Is the protocol to measure the individual components of <u>INDEPENDENT VARIABLE 1</u> described in a producible manner? That is, are the following elements described in a producible manner? Please take the minimum score of the components.

1. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
2. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
3. The procedure to construct the composite from its components (e.g., arithmetic mean, weighted mean, sum) [construction]

IV1: ${q://QID11/ChoiceTextEntryValue/3}

☐ Yes, procedure
☐ Yes, values
☐ Yes, construction

☐ No, none of the elements

Is Independent Variable 2 manipulated as part of an experiment?

IV2: ${q://QID11/ChoiceTextEntryValue/9}

○ Yes

○ No

Please copy-paste the text from the <u>PREREGISTRATION</u> that is about the operationalization of <u>INDEPENDENT VARIABLE 2</u>. Please include all information that can help score the producibility of this part of the preregistration.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

IV2: ${q://QID11/ChoiceTextEntryValue/9}

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Does the <u>PREREGISTRATION</u> specify in a producible manner how <u>INDEPENDENT VARIABLE 2</u> is used in the analysis to test the hypothesis (e.g., is it clear what the differences are between the conditions)?

IV2: ${q://QID11/ChoiceTextEntryValue/9}

○ Yes

○ No

Does the <u>PREREGISTRATION</u> specify which measure (e.g., test, scale, question set, physical measurement) is used as <u>INDEPENDENT VARIABLE 2</u>?

Note: You will be asked whether this variable is specified producibly in a later question.

IV2: ${q://QID11/ChoiceTextEntryValue/9}

○ Yes
○ No

For <u>INDEPENDENT VARIABLE 2</u>, we distinguish between a <u>NON-COMPOSITE MEASURE</u> (one measurement) and a <u>COMPOSITE MEASURE</u> (several measurements or items are combined to one scale or measurement by using a sum, linear combination, SEM, or other method).

IV2: ${q://QID11/ChoiceTextEntryValue/9}

○ Non-composite
○ Composite

Please copy-paste the text from the <u>PREREGISTRATION</u> that is about the operationalization of <u>INDEPENDENT VARIABLE 2</u>. Please include all information that can help score the producibility of this part of the preregistration (and particularly information about the elements listed in the next question).

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

IV2: ${q://QID11/ChoiceTextEntryValue/9}

[text area]

Is the protocol to measure <u>INDEPENDENT VARIABLE 2</u> described in a producible manner? That is, are the following elements described in a producible manner?

1. The procedure of measurement [procedure]
2. The potential values of the measure [values]

IV2: ${q://QID11/ChoiceTextEntryValue/9}

☐ Yes, procedure

☐ Yes, values

☐ No, none of the elements

Is the protocol to measure the individual components of <u>INDEPENDENT VARIABLE 2</u> described in a reproducible manner? That is, are the following elements described in a producible manner? Please take the minimum score of the components.

1. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
2. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
3. The procedure to construct the composite from its components (e.g., arithmetic mean, weighted mean, sum) [construction]

IV2: ${q://QID11/ChoiceTextEntryValue/9}

☐ Yes, procedure

☐ Yes, values

☐ Yes, construction

☐ No, none of the elements

Is the Third Variable manipulated as part of an experiment?

3V: ${q://QID11/ChoiceTextEntryValue/5}

○ Yes
○ No

Please copy-paste the text from the PREREGISTRATION that is about the operationalization of the THIRD VARIABLE. Please include all information that can help score the producibility of this part of the preregistration.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

3V: ${q://QID11/ChoiceTextEntryValue/5}

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Does the PREREGISTRATION specify in a producible manner how the THIRD VARIABLE is used in the analysis to test the hypothesis (e.g., is it clear what the differences are between the conditions)?

3V: ${q://QID11/ChoiceTextEntryValue/5}

○ Yes
○ No

Does the <u>PREREGISTRATION</u> specify which measure (e.g., test, scale, question set, physical measurement) is used as the <u>THIRD VARIABLE</u>?

Note: You will be asked whether this variable is specified producibly in a later question.

3V: ${q://QID11/ChoiceTextEntryValue/5}

○ Yes

○ No

For the <u>THIRD VARIABLE</u>, we distinguish between a <u>NON-COMPOSITE MEASURE</u> (one measurement) and a <u>COMPOSITE MEASURE</u> (several measurements or items are combined to one scale or measurement by using a sum, linear combination, SEM, or other method).

3V: ${q://QID11/ChoiceTextEntryValue/5}

○ Non-composite

○ Composite

Please copy-paste the text from the <u>PREREGISTRATION</u> that is about the operationalization of the <u>THIRD VARIABLE</u>. Please include all information that can help score the producibility of this part of the preregistration (and particularly information about the elements listed in the next question).

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

3V: ${q://QID11/ChoiceTextEntryValue/5}

[text area]

Is the protocol to measure the <u>THIRD VARIABLE</u> described in a producible manner? That is, are the following elements described in a producible manner?

1. The procedure of measurement [procedure]
2. The potential values of the measure [values]

3V: ${q://QID11/ChoiceTextEntryValue/5}

☐ Yes, procedure
☐ Yes, values
☐ No, none of the elements

Is the protocol to measure the individual components of the <u>THIRD VARIABLE</u> described in a producible manner? That is, are the following elements described in a producible manner? Please take the minimum score of the components.

1. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
2. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
3. The procedure to construct the composite from its components (e.g., arithmetic mean, weighted mean, sum) [construction]

3V: ${q://QID11/ChoiceTextEntryValue/5}

☐ Yes, procedure
☐ Yes, values
☐ Yes, construction

☐ No, none of the elements

Does the <u>PREREGISTRATION</u> specify which measure (e.g., test, scale, question set, physical measurement) is used as the <u>DEPENDENT VARIABLE</u>?

Note: You will be asked whether this variable is specified producibly in a later question.

DV: ${q://QID11/ChoiceTextEntryValue/11}

○ Yes
○ No

For the <u>DEPENDENT VARIABLE</u>, we distinguish between a <u>NON-COMPOSITE MEASURE</u> (one measurement) and a <u>COMPOSITE MEASURE</u> (several measurements or items are combined to one scale or measurement by using a sum, linear combination, SEM, or other method).

DV: ${q://QID11/ChoiceTextEntryValue/11}

○ Non-composite
○ Composite

Please copy-paste the text from the <u>PREREGISTRATION</u> that is about the operationalization of the <u>DEPENDENT VARIABLE</u>. Please include all information that can help score the producibility of this part of the preregistration (and particularly information about the elements listed in the next question).

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

DV: ${q://QID11/ChoiceTextEntryValue/11}

[text area]

Is the protocol to measure the <u>DEPENDENT VARIABLE</u> described in a producible manner? That is, are the following elements described in a producible manner?

1. The procedure of measurement [procedure]
2. The potential values of the measure [values]

DV: ${q://QID11/ChoiceTextEntryValue/11}

☐ Yes, procedure
☐ Yes, values
☐ No, none of the elements

Is the protocol to measure the individual components of the <u>DEPENDENT VARIABLE</u> described in a producible manner? That is, are the following elements described in a producible manner? Please take the minimum score of the components.

1. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
2. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
3. The procedure to construct the composite from its components (e.g., arithmetic mean, weighted mean, sum) [construction]

DV: ${q://QID11/ChoiceTextEntryValue/11}

☐ Yes, procedure
☐ Yes, values
☐ Yes, construction

☐ No, none of the elements

Is the First Control Variable manipulated as part of an experiment?

CV1: ${q://QID11/ChoiceTextEntryValue/12}

○ Yes

○ No

Please copy-paste the text from the <u>PREREGISTRATION</u> that is about the operationalization of the <u>FIRST CONTROL VARIABLE</u>. Please include all information that can help score the producibility of this part of the preregistration.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

CV1: ${q://QID11/ChoiceTextEntryValue/12}

Does the <u>PREREGISTRATION</u> specify in a producible manner how the <u>FIRST CONTROL VARIABLE</u> is used in the analysis to test the hypothesis (e.g., is it clear what the differences are between the conditions)?

CV1: ${lm://Field/3}

○ Yes

○ No

Does the PREREGISTRATION specify which measure (e.g., test, scale, question set, physical measurement) is used as the FIRST CONTROL VARIABLE?

Note: You will be asked whether this variable is specified producibly in a later question.

CV1: ${q://QID11/ChoiceTextEntryValue/12}

○ Yes

○ No

For the FIRST CONTROL VARIABLE, we distinguish between a NON-COMPOSITE MEASURE (one measurement) and a COMPOSITE MEASURE (several measurements or items are combined to one scale or measurement by using a sum, linear combination, SEM, or other method).

CV1: ${q://QID11/ChoiceTextEntryValue/12}

○ Non-composite

○ Composite

Please copy-paste the text from the PREREGISTRATION that is about the operationalization of the FIRST CONTROL VARIABLE. Please include all information that can help score the producibility of this part of the preregistration (and particularly information about the elements listed in the next question).

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

CV1: ${q://QID11/ChoiceTextEntryValue/12}

[ ]

Is the protocol to measure the <u>FIRST CONTROL VARIABLE</u> described in a reproducible manner? That is, are the following elements described in a producible manner?

1. The procedure of measurement [procedure]
2. The potential values of the measure [values]

CV1: ${q://QID11/ChoiceTextEntryValue/12}

☐ Yes, procedure

☐ Yes, values

☐ No, none of the elements

Is the protocol to measure the individual components of the <u>FIRST CONTROL VARIABLE</u> described in a producible manner? That is, are the following elements described in a producible manner? Please take the minimum score of the components.

1. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
2. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
3. The procedure to construct the composite from its components (e.g., arithmetic mean, weighted mean, sum) [construction]

CV1: ${q://QID11/ChoiceTextEntryValue/12}

☐ Yes, procedure

☐ Yes, values

☐ Yes, construction

☐ No, none of the elements

Please copy-paste the text from the <u>PREREGISTRATION</u> that is about the <u>DATA COLLECTION PROCEDURE</u>. Please include all information that can help score the producibility of this part of the preregistration (and particularly information about the elements listed in the next question). If the preregistration does not mention a data collection procedure at all, please fill out NA.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Note: You do not have to copy-paste information about the power analysis, if the authors did one.

Does the <u>PREREGISTRATION</u> describe the <u>DATA COLLECTION PROCEDURE</u> in a producible manner? That is, are the following elements clearly specified?

- **The exact number of participants (not a minimum) the authors want to include in the study [sample size]**
- **The exact time frame and situation (i.e., period, not exact dates) in which participants will be invited [sampling frame]**

If [sample size] is specified, please also fill out the exact number of participants. Note that this relates to the effective sample size (i.e., the sample size that will be used in the analysis to draw conclusions about the hypothesis).

☐ Yes, sample size _____

☐ Yes, sampling frame

☐ No, none of the elements

Did the authors use a <u>POWER ANALYSIS</u> to determine the sample size?

◯ Yes

◯ No

Please copy-paste the text from the <u>PREREGISTRATION</u> that is about the <u>INCLUSION / EXCLUSION CRITERIA</u> for <u>PARTICIPANTS / DATA</u>. Please include all information that can help score the producibility of this part of the preregistration. If the preregistration does not mention inclusion and exclusion criteria at all, please fill out NA.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

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Does the <u>PREREGISTRATION</u> specify producible <u>INCLUSION / EXCLUSION CRITERIA</u> that will be used to select <u>PARTICIPANTS / DATA</u>? That is, does the preregistration specify the following elements in a producible manner?

1. **The definitions underlying participant / data selection (e.g., how demographic information is assessed, what constitutes an outlier, what it means for a participant to not participate seriously)? [definition]**
2. **The method to exclude participants / data (e.g., exclusion before or after data collection, the use of nonparametric tests, bootstrapping)? [method]**

Notes:

- **When the authors explicitly state that they will analyze *all* the data, please consider this as producible for both elements.**
- **You can disregard statements about how *incomplete or missing data* are handled as you will be asked about that in another question.**

☐ Yes, definition

☐ Yes, method

☐ No, none of the elements

Please copy-paste the text from the <u>PREREGISTRATION</u> that is about how the study deals with <u>INCOMPLETE OR MISSING DATA</u>. Please include all information that can help score the producibility of this part of the preregistration (and particularly information about the elements listed in the next question). If the preregistration does not mention handling incomplete or missing data, please fill out NA.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Does the <u>PREREGISTRATION</u> indicate in a producible manner how the study deals with <u>INCOMPLETE OR MISSING DATA</u>? That is, are the following elements clearly specified?

1. **The definition of a missing case [definition]**
2. **The procedure to handle missing cases (e.g., pairwise deletion, listwise deletion, imputation method, intention-to-treat method, full information method) [method]**

☐ Yes, definition

☐ Yes, method

☐ No, none of the elements

Please copy-paste the text from the <u>PREREGISTRATION</u> that is about the <u>FIRST STATISTICAL MODEL TESTING THE HYPOTHESIS</u>. The model should include the variables listed below (and exclude any non-listed variables).

<u>Important:</u>

- **Only the first specification of the statistical model counts. For example, if the authors first present a model without robust standard errors and then a model with robust standard errors (both testing the same hypothesis), select the one without robust standard errors. Limit yourself to copy-pasting information about that model because you will need to retrieve that particular model from the paper based on this information.**
- **Please include all information that can help score the producibility of this part of the preregistration (and particularly information about the elements listed in the next question). If the preregistration does not mention a statistical model testing the hypothesis, please fill out NA.**
- **In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].**

<u>Hypothesis text:</u>
${q://QID553/ChoiceTextEntryValue/1}

<u>Type of hypothesis:</u>
${q://QID553/ChoiceTextEntryValue/3}

<u>Hypothesis variables and categories:</u>
IV1: ${q://QID11/ChoiceTextEntryValue/3}
IV2: ${q://QID11/ChoiceTextEntryValue/9}
3V: ${q://QID11/ChoiceTextEntryValue/5}

DV: ${q://QID11/ChoiceTextEntryValue/11}
CV1: ${q://QID11/ChoiceTextEntryValue/12}
CVs: ${q://QID11/ChoiceTextEntryValue/14}

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Does the PREREGISTRATION specify THE FIRST STATISTICAL MODEL TESTING THE HYPOTHESIS in a producible manner? That is, are the following elements clearly specified?

1. The statistical model used (e.g., t-test, chi-squared test, linear / logistic regression, two-way ANOVA) [model]
2. The relevant variables and their factor levels (including mediating, moderating, interacting, and control variables) [variables]
3. The manner in which the variables are used in the analysis (e.g., mean centered, SEM model specification including potential residual covariances, robust standard errors) [details]

If the script for the statistical analysis is provided, please score this question as 'Yes'.

- ☐ Yes, model
- ☐ Yes, variables
- ☐ Yes, details
- ☐ No, none of the elements

Please copy-paste the text from the PREREGISTRATION with information about how the authors test for VIOLATIONS OF STATISTICAL ASSUMPTIONS. Please include all information that can help score the producibility of this part of the preregistration (and particularly information about the elements listed in the next

question). **If the preregistration does not mention how violations of statistical assumptions are handled, please fill out NA.**

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Does the PREREGISTRATION indicate in a producible manner how the authors test for VIOLATIONS OF STATISTICAL ASSUMPTIONS and what they do with violations? That is, are the following elements clearly specified?

1.   Which assumptions are checked (e.g., normality, homoscedascity, linearity, homogeneity of variances, sphericity)? [which]
2.   How the assumptions are checked (e.g., type of test like Levene's test, alpha level)? [how]
3.   What is done in cases of violations (e.g., transformations, non-parametric tests)? [deal]

☐ Yes, which
☐ Yes, how
☐ Yes, deal
☐ No, none of the elements

Please copy-paste the text from the PREREGISTRATION that is about the INFERENCE CRITERIA. Please include all information that can help score the producibility of this part of the preregistration. If the preregistration does not mention inference criteria at all, please fill out NA.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Does the PREREGISTRATION indicate the INFERENCE CRITERIA that will be used in a producible manner (e.g., statistical significance, sidedness of the test, corrections for multiple testing, Bayesian criteria)? Note that the authors need to be explicit in what the sidedness of a significance test is (i.e., one-sided vs. two-sided) and what the cut-off criterion for their statistical decision is (e.g., Bayes factor, alpha value).

○ Yes

○ No

Please write down any comments you have about coding this part of the protocol.

Paper

In this part of the protocol, you will be asked whether some parts of the PAPER are specified in a 'reproducible manner'. Any one part of the paper is said to be REPRODUCIBLE when the authors describe all steps that were taken in that part (it should be specific) and each of the described steps allows only one interpretation or implementation (it should be precise). We use the term "reproducible" because you should be able to "reproduce" this part of the study based on the information in the paper.

Note: When the authors specify a part of the paper by referring to a supplementary document or another study within the paper, please also check for information there, but only include information from supplementary documents if the information can be clearly linked to the part of the paper you are trying to code. So, for example, if the authors state "the sampling plan is the same as in Study 1" please check Study 1 for information about the sampling plan but not anything else. And if the authors state "all items can be found in the supplementary materials" this should not be coded as reproducible if the supplementary materials do not clearly indicate which items belong to which measure.

Note: When the authors specify a part of the paper by referring to a different paper, please do not code this as reproducible. The information should be contained within the paper itself (and possibly supplementary materials).

You will assess the producibility of the following hypothesis. That is, all questions need to be answered with this hypothesis in mind.

Study Label Paper:
${q://QID6/ChoiceTextEntryValue}

Hypothesis text:
${q://QID553/ChoiceTextEntryValue/2}

Type of hypothesis:
${q://QID553/ChoiceTextEntryValue/3}

Hypothesis variables and categories:
IV1: ${q://QID11/ChoiceTextEntryValue/3}
IV2: ${q://QID11/ChoiceTextEntryValue/9}
3V: ${q://QID11/ChoiceTextEntryValue/5}
DV: ${q://QID11/ChoiceTextEntryValue/11}
CV1: ${q://QID11/ChoiceTextEntryValue/12}
CVs: ${q://QID11/ChoiceTextEntryValue/14}

Is Independent Variable 1 manipulated as part of the experiment?

IV1: ${q://QID11/ChoiceTextEntryValue/3}

○ Yes

○ No

Please copy-paste the text from the <u>PAPER</u> that is about the operationalization of <u>INDEPENDENT VARIABLE 1</u>. Please include all information that can help score the reproducibility of this part of the paper.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

IV1: ${q://QID11/ChoiceTextEntryValue/3}

Does the <u>PAPER</u> specify in a reproducible manner how <u>INDEPENDENT VARIABLE 1</u> is used in the analysis to test the hypothesis (e.g., is it clear what the differences are between the conditions)?

IV1: ${q://QID11/ChoiceTextEntryValue/3}

○ Yes

○ No

Does the <u>PAPER</u> specify which measure (e.g., test, scale, question set, physical measurement) is used as the <u>INDEPENDENT VARIABLE 1</u>?

IV1: ${q://QID11/ChoiceTextEntryValue/3}

○ Yes

○ No

For <u>INDEPENDENT VARIABLE 1</u>, we distinguish between a <u>NON-COMPOSITE MEASURE</u> (one measurement) and a <u>COMPOSITE MEASURE</u> (several measurements or items are combined to one scale or measurement by using a sum, linear combination, SEM, or other method).

IV1: ${q://QID11/ChoiceTextEntryValue/3}

○ Non-composite

○ Composite

Please copy-paste the text from the <u>PAPER</u> that is about the operationalization of <u>INDEPENDENT VARIABLE 1</u>. Please include all information that can help score the reproducibility of this part of the paper (and particularly information about the elements listed in the next question).

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

IV1: ${q://QID11/ChoiceTextEntryValue/3}

Is the protocol to measure <u>INDEPENDENT VARIABLE 1</u> described in a reproducible manner? That is, are the following elements described in a reproducible manner?

1. The procedure of measurement [procedure]
2. The potential values of the measure [values]

IV1: ${q://QID11/ChoiceTextEntryValue/3}

- [ ] Yes, procedure
- [ ] Yes, values
- [ ] No, none of the elements

Is the protocol to measure the individual components of <u>INDEPENDENT VARIABLE 1</u> described in a reproducible manner? That is, are the following elements described in a reproducible manner? Please take the minimum score of the components.

1. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
2. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
3. The procedure to construct the composite from its components (e.g., arithmetic mean, weighted mean, sum) [construction]

IV1: ${q://QID11/ChoiceTextEntryValue/3}

- [ ] Yes, procedure
- [ ] Yes, values
- [ ] Yes, construction
- [ ] No, none of the elements

Is Independent Variable 2 manipulated as part of the experiment?

IV2: ${q://QID11/ChoiceTextEntryValue/9}

○ Yes

○ No

Please copy-paste the text from the <u>PAPER</u> that is about the operationalization of <u>INDEPENDENT VARIABLE 2</u>. Please include all information that can help score the reproducibility of this part of the paper.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

IV2: ${q://QID11/ChoiceTextEntryValue/9}

Does the <u>PAPER</u> specify in a reproducible manner how <u>INDEPENDENT VARIABLE 2</u> is used in the analysis to test the hypothesis (e.g., is it clear what the differences are between the conditions)?

IV2: ${q://QID11/ChoiceTextEntryValue/9}

○ Yes

○ No

Does the <u>PAPER</u> specify which measure (e.g., test, scale, question set, physical measurement) is used as <u>INDEPENDENT VARIABLE VARIABLE 2</u>?

IV2: ${q://QID11/ChoiceTextEntryValue/9}

○ Yes

○ No

For <u>INDEPENDENT VARIABLE 2</u>, we distinguish between a <u>NON-COMPOSITE MEASURE</u> (one measurement) and a <u>COMPOSITE MEASURE</u> (several measurements or items are combined to one scale or measurement by using a sum, linear combination, SEM, or other method).

IV2: ${q://QID11/ChoiceTextEntryValue/9}

○ Non-composite
○ Composite

Please copy-paste the text from the <u>PAPER</u> that is about the operationalization of <u>INDEPENDENT VARIABLE 2</u>. Please include all information that can help score the reproducibility of this part of the paper (and particularly information about the elements listed in the next question).

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

IV2: ${q://QID11/ChoiceTextEntryValue/9}

Is the protocol to measure <u>INDEPENDENT VARIABLE 2</u> described in a reproducible manner? That is, are the following elements described in a reproducible manner?

1. The procedure of measurement [procedure]
2. The potential values of the measure [values]

IV2: ${q://QID11/ChoiceTextEntryValue/9}

☐ Yes, procedure

☐ Yes, values

☐ No, none of the elements

Is the protocol to measure the individual components of <u>INDEPENDENT VARIABLE 2</u> described in a reproducible manner? That is, are the following elements described in a reproducible manner? Please take the minimum score of the components.

1. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
2. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
3. The procedure to construct the composite from its components (e.g., arithmetic mean, weighted mean, sum) [construction]

IV2: ${q://QID11/ChoiceTextEntryValue/9}

☐ Yes, procedure

☐ Yes, values

☐ Yes, construction

☐ No, none of the elements

Is the Third Variable manipulated as part of the experiment?

3V: ${q://QID11/ChoiceTextEntryValue/5}

○ Yes

○ No

Please copy-paste the text from the <u>PAPER</u> that is about the operationalization of the <u>THIRD VARIABLE</u>. Please include all information that can help score the reproducibility of this part of the paper.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

3V: ${q://QID11/ChoiceTextEntryValue/5}

Does the <u>PAPER</u> specify in a reproducible manner how the <u>THIRD VARIABLE</u> is used in the analysis to test the hypothesis (e.g., is it clear what the differences are between the conditions)?

3V: ${q://QID11/ChoiceTextEntryValue/5}

○ Yes
○ No

Does the <u>PAPER</u> specify which measure (e.g., test, scale, question set, physical measurement) is used as the <u>THIRD VARIABLE</u>?

3V: ${q://QID11/ChoiceTextEntryValue/5}

○ Yes
○ No

For the <u>THIRD VARIABLE</u>, we distinguish between a <u>NON-COMPOSITE MEASURE</u> (one measurement) and a <u>COMPOSITE MEASURE</u> (several measurements or items are combined to one scale or measurement by using a sum, linear combination, SEM, or other method).

3V: ${q://QID11/ChoiceTextEntryValue/5}

○ Non-composite

○ Composite

Please copy-paste the text from the <u>PAPER</u> that is about the operationalization of the <u>THIRD VARIABLE.</u> Please include all information that can help score the reproducibility of this part of the paper (and particularly information about the elements listed in the next question).

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

3V: ${q://QID11/ChoiceTextEntryValue/5}

Is the protocol to measure the <u>THIRD VARIABLE</u> described in a reproducible manner? That is, are the following elements described in a reproducible manner?

1. The procedure of measurement [procedure]
2. The potential values of the measure [values]

3V: ${q://QID11/ChoiceTextEntryValue/5}

☐ Yes, procedure

☐ Yes, values

☐ No, none of the elements

Is the protocol to measure the individual components of the <u>THIRD VARIABLE</u> described in a reproducible manner? That is, are the following elements described in a reproducible manner? Please take the minimum score of the components.

1. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
2. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
3. The procedure to construct the composite from its components (e.g., arithmetic mean, weighted mean, sum) [construction]

3V: ${q://QID11/ChoiceTextEntryValue/5}

☐ Yes, procedure

☐ Yes, values

☐ Yes, construction

☐ No, none of the elements

Does the <u>PAPER</u> specify which measure (e.g., test, scale, question set, physical measurement) is used as the <u>DEPENDENT VARIABLE</u>?

DV: ${q://QID11/ChoiceTextEntryValue/11}

◯ Yes

◯ No

For the <u>DEPENDENT VARIABLE</u>, we distinguish between a <u>NON-COMPOSITE MEASURE</u> (one measurement) and a <u>COMPOSITE MEASURE</u> (several

measurements or items are combined to one scale or measurement by using a sum, linear combination, SEM, or other method).

DV: ${q://QID11/ChoiceTextEntryValue/11}

○ Non-composite

○ Composite

Please copy-paste the text from the <u>PAPER</u> that is about the operationalization of the <u>DEPENDENT VARIABLE</u>. Please include all information that can help score the reproducibility of this part of the paper (and particularly information about the elements listed in the next question).

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

DV: ${q://QID11/ChoiceTextEntryValue/11}

Is the protocol to measure the <u>DEPENDENT VARIABLE</u> described in a reproducible manner? That is, are the following elements described in a reproducible manner?

1. The procedure of measurement [procedure]
2. The potential values of the measure [values]

DV: ${q://QID11/ChoiceTextEntryValue/11}

☐ Yes, procedure

☐ Yes, values

☐ No, none of the elements

Is the protocol to measure the individual components of the <u>DEPENDENT VARIABLE</u> described in a reproducible manner? That is, are the following elements described in a reproducible manner? Please take the minimum score of the components.

1. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
2. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
3. The procedure to construct the composite from its components (e.g., arithmetic mean, weighted mean, sum) [construction]

DV: ${q://QID11/ChoiceTextEntryValue/11}

☐ Yes, procedure
☐ Yes, values
☐ Yes, construction
☐ No, none of the elements

Is the First Control Variable manipulated as part of the experiment?

CV1: ${q://QID11/ChoiceTextEntryValue/12}

○ Yes
○ No

Please copy-paste the text from the <u>PAPER</u> that is about the operationalization of the <u>FIRST CONTROL VARIABLE</u>. Please include all information that can help score the reproducibility of this part of the paper.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this

reconciliation process you can add notes in the text box at your discretion using [square brackets].

CV1: ${q://QID11/ChoiceTextEntryValue/12}

[text box]

Does the PAPER specify in a reproducible manner how the FIRST CONTROL VARIABLE is used in the analysis to test the hypothesis (e.g., is it clear what the differences are between the conditions)?

CV1: ${q://QID11/ChoiceTextEntryValue/12}

○ Yes
○ No

Does the PAPER specify which measure (e.g., test, scale, question set, physical measurement) is used as the FIRST CONTROL VARIABLE?

CV1: ${q://QID11/ChoiceTextEntryValue/12}

○ Yes
○ No

For the FIRST CONTROL VARIABLE, we distinguish between a NON-COMPOSITE MEASURE (one measurement) and a COMPOSITE MEASURE (several measurements or items are combined to one scale or measurement by using a sum, linear combination, SEM, or other method).

CV1: ${q://QID11/ChoiceTextEntryValue/12}

○ Non-composite

○ Composite

Please copy-paste the text from the <u>PAPER</u> that is about the operationalization of the <u>FIRST CONTROL VARIABLE</u>. Please include all information that can help score the reproducibility of this part of the paper (and particularly information about the elements listed in the next question).

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

CV1: ${q://QID11/ChoiceTextEntryValue/12}

Is the protocol to measure the <u>FIRST CONTROL VARIABLE</u> described in a reproducible manner? That is, are the following elements described in a reproducible manner?

1. The procedure of measurement [procedure]
2. The potential values of the measure [values]

CV1: ${q://QID11/ChoiceTextEntryValue/12}

☐ Yes, procedure

☐ Yes, values

☐ No, none of the elements

Is the protocol to measure the individual components of the <u>FIRST CONTROL VARIABLE</u> described in a reproducible manner? That is, are the following elements described in a reproducible manner? Please take the minimum score of the components.

1. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
2. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
3. The procedure to construct the composite from its components (e.g., arithmetic mean, weighted mean, sum) [construction]

CV1: ${q://QID11/ChoiceTextEntryValue/12}

☐ Yes, procedure
☐ Yes, values
☐ Yes, construction
☐ No, none of the elements

Please copy-paste the text from the <u>PAPER</u> that is about the <u>DATA COLLECTION PROCEDURE</u>. Please include all information that can help score the reproducibility of this part of the paper (and particularly information about the elements listed in the next question). If the paper does not mention a data collection procedure at all, please fill out NA.
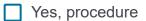
In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Note: You do not have to copy-paste information about the power analysis, if the authors did one.

<div style="border:1px solid #ccc; height:250px;"></div>

Does the <u>PAPER</u> describe the <u>DATA COLLECTION PROCEDURE</u> in a reproducible manner? That is, are the following elements clearly specified?

1. **The exact number of participants (not a minimum) the authors included in the study [sample size]**
2. **The exact time frame (i.e., period, not exact dates) and situation in which participants were invited [sampling frame]**

If [sample size] is specified, please also fill out the exact number of participants. Note that this relates to the effective sample size (i.e., the sample size was used in the analysis to draw conclusions about the hypothesis).

☐ Yes, sample size [＿＿＿＿＿＿＿＿＿]

☐ Yes, sampling frame

☐ No, none of the elements

Did the authors use a <u>POWER ANALYSIS</u> to determine the sample size, power, or effect size related to the hypothesis test? Note that a post hoc power analysis suffices as well.

○ Yes

○ No

Did the authors describe when the data was collected? If so, please add the month and year in the open text box using the following notation: MM-YYYY.

○ Yes [＿＿＿＿＿＿＿＿]

○ No

Please copy-paste the text from the <u>PAPER</u> that is about the authors' <u>INCLUSION / EXCLUSION CRITERIA</u> to select <u>PARTICIPANTS / DATA</u>. Please include all information that can help score the reproducibility of this part of the paper (and particularly information about the elements listed in the next question). If the paper does not mention inclusion / exclusion criteria at all, please fill out NA.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Does the <u>PAPER</u> specify reproducible <u>INCLUSION / EXCLUSION CRITERIA</u> that will be used to select PARTICIPANTS / DATA? That is, does the paper specify the following elements in a reproducible manner?

1. **The definitions underlying participant / data selection (e.g., how demographic information is assessed, what constitutes an outlier, what it means for a participant to not participate seriously)? [definition]**
2. **The method to exclude participants / data (e.g., exclusion before or after data collection, the use of nonparametric tests, bootstrapping)? [method]**

<u>Notes</u>**:**

- **When the authors explicitly state that they analyze *all* the data, please consider this as reproducible for both elements.**
- **You can disregard statements about how incomplete or missing data are handled as you will be asked about that in another question.**

☐ Yes, definition
☐ Yes, method

☐ No, none of the elements

Please copy-paste the text from the <u>PAPER</u> with information about how the study deals with <u>INCOMPLETE OR MISSING DATA</u>. Please include all information that can help score the reproducibility of this part of the paper (and particularly information about the elements listed in the next question). If the paper does not mention incomplete or missing data at all, please fill out NA.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

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Does the <u>PAPER</u> indicate in a reproducible manner how the study deals with <u>INCOMPLETE OR MISSING DATA</u>? That is, are the following elements clearly specified?

1.   The definition of a missing case [definition]
2.   The procedure to handle missing cases (e.g., pairwise deletion, listwise deletion, imputation method, intention-to-treat method, full information method) [method]

☐ Yes, definition
☐ Yes, method
☐ No, none of the elements

Please copy-paste the text from the <u>PAPER</u> that is about the <u>STATISTICAL MODEL YOU IDENTIFIED IN THE PREREGISTRATION</u>. The information you copy-pasted

about the model from the preregistration can be found below.

Please include all information that can help to score the reproducibility of this part of the paper (and particularly information about the elements listed in the next question). If the paper does not mention a statistical model testing the hypothesis, please fill out NA.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Statistical model identified in the preregistration:
${q://QID542/ChoiceTextEntryValue}

Does the <u>PAPER</u> describe the <u>STATISTICAL MODEL</u> in a reproducible manner? That is, are the following elements clearly specified?

1. The statistical model used (e.g., t-test, chi-squared test, linear / logistic regression, two-way ANOVA) [model]
2. The relevant variables and their factor levels (including mediating, moderating, interacting, and control variables) [variables]
3. The manner in which the variables are used in the analysis (e.g., mean centered, SEM model specification including potential residual covariances, robust standard errors) [details]

If the script for the statistical analysis is provided, please score this question as 'Yes'.

☐ Yes, model

☐ Yes, variables

☐ Yes, details

☐ No, none of the elements

Please copy-paste the text from the <u>PAPER</u> that is about how the authors test for <u>VIOLATIONS OF STATISTICAL ASSUMPTIONS</u> and how they deal with them. Please include all information that can help score the reproducibility of this part of the paper (and particularly information about the elements listed in the next question). If the paper does not mention violations of statistical assumptions at all, please fill out NA.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Does the <u>PAPER</u> indicate how the authors test for <u>VIOLATIONS OF STATISTICAL ASSUMPTIONS</u> and how they deal with them? That is, are the following elements in a reproducible manner?

1.   Which assumptions are checked (e.g., normality, homoscedascity, linearity, homogeneity of variances, sphericity)? [which]

2.   How the assumptions are checked (e.g., type of test like Levene's test, alpha level)? [how]

3.   What is done in cases of violations (e.g., transformations, non-parametric tests)? [deal]

☐ Yes, which

☐ Yes, how

☐ Yes, deal

☐ No, none of the elements

Please copy-paste the text from the <u>PAPER</u> that is about the <u>INFERENCE CRITERIA</u>. If the authors are not explicit about the inference criteria, please copy-paste the statistical conclusion because this often indicates the inference criteria implicitly (e.g., "extraversion was significantly associated with physical strength, t(90) = 2, p < .05" indicates an alpha level of .05). If you can't find the statistical conclusion pertaining to the hypothesis, please fill out NA.

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Does the <u>PAPER</u> indicate the <u>INFERENCE CRITERIA</u> in a reproducible manner (e.g., statistical significance, sidedness of the test, corrections for multiple testing, Bayesian criteria)? Note that the authors need to *explicitly* indicate the alpha-level, Bayes factor, and sidedness for this to be reproducible. An implicit mention in the statistical conclusion is thus not consistent with reproducible inference criteria.

○ Yes

○ No

Please write down any comments you have about coding this part of the protocol.

Match

In this part of the protocol, you will be asked to assess whether the preregistration and the paper are <u>CONSISTENT</u>. The preregistration and the published paper are 'consistent' on a given element only when that element is described such that the researcher's action as promised in the preregistration and the researcher's action as stated in the published papers are equivalent.

For example, "We will use items 1 through 4 of the 6-item EMP scale to measure empathy" and "To measure empathy we used the EMP scale excluding items 5 and 6" are equivalent because, even though the wording differs, the researcher's action (using the first four items of the scale) is the same.

You will assess the preregistration-paper consistency of the following hypothesis. That is, all questions need to be answered with this hypothesis in mind.

<u>Study Label Prereg</u>:
${q://QID5/ChoiceTextEntryValue}

<u>Study Label Paper</u>:
${q://QID6/ChoiceTextEntryValue}

<u>Hypothesis text</u>:
${q://QID553/ChoiceTextEntryValue/2}

<u>Type of hypothesis</u>:
${q://QID553/ChoiceTextEntryValue/3}

<u>Hypothesis variables and categories</u>:
IV1: ${q://QID11/ChoiceTextEntryValue/3}
IV2: ${q://QID11/ChoiceTextEntryValue/9}
3V: ${q://QID11/ChoiceTextEntryValue/5}
DV: ${q://QID11/ChoiceTextEntryValue/11}
CV1: ${q://QID11/ChoiceTextEntryValue/12}

CVs: ${q://QID11/ChoiceTextEntryValue/14}

**From the texts below, please assess whether the operationalization of
<u>INDEPENDENT VARIABLE 1</u> is consistent between the preregistration and the
paper.**

<u>Preregistration text:</u>
${q://QID325/ChoiceTextEntryValue}

<u>Paper text:</u>
${q://QID319/ChoiceTextEntryValue}

○ Yes
○ No

In what way is the operationalization of <u>INDEPENDENT VARIABLE 1</u> inconsistent?

**In a subsequent coding phase, you will compare your response to the response of
another coder and reconcile any inconsistencies together. To facilitate this
reconciliation process you can add notes in the text box at your discretion using
[square brackets].**

**Please copy-paste the authors' explanation for the inconsistency. If the authors do
not provide an explanation, please fill out the letter 'n'. To find the authors'
explanation you may find it helpful to use the search terms "deviat", "discrep",
and "inconsist".**

From the texts below, please assess whether the operationalization of <u>INDEPENDENT VARIABLE 1</u> is consistent between the preregistration and the paper. That is, are all of the following elements consistent?
1. Which measure is used [specification]
2. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
3. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
4. The procedure how they will construct the composite from its elements (e.g., arithmetic mean, weighted mean, sum) [construction]

Preregistration text:
${q://QID334/ChoiceTextEntryValue}

Paper text:
${q://QID287/ChoiceTextEntryValue}

NOTE: the response options only cover the elements that were previously labeled as (partially) reproducible for both the preregistration *and* the paper.

- [ ] Yes, specification
- [ ] Yes, procedure
- [ ] Yes, values
- [ ] Yes, construction
- [ ] No, none of the elements are consistent

In what way is the specification of <u>INDEPENDENT VARIABLE 1</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the procedure of measurement of <u>INDEPENDENT VARIABLE 1</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way are the potential values of each component of <u>INDEPENDENT VARIABLE 1</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the construction procedure of <u>INDEPENDENT VARIABLE 1</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors'

explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

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From the texts below, please assess whether the operationalization of INDEPENDENT VARIABLE 2 is consistent between the preregistration and the paper.

Preregistration text:
${q://QID319/ChoiceTextEntryValue}

Paper text:
${q://QID322/ChoiceTextEntryValue}

○ Yes
○ No

In what way is the operationalization of INDEPENDENT VARIABLE 2 inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

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Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors'

explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

From the texts below, please assess whether the operationalization of <u>INDEPENDENT VARIABLE 2</u> is consistent between the preregistration and the paper. That is, are all of the following elements consistent?
1. Which measure is used [specification]
2. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
3. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
4. The procedure how they will construct the composite from its elements (e.g., arithmetic mean, weighted mean, sum) [construction]

<u>Preregistration text:</u>
${q://QID349/ChoiceTextEntryValue}

<u>Paper text:</u>
${q://QID290/ChoiceTextEntryValue}

NOTE: the response options only cover the elements that were previously labeled as (partially) reproducible for both the preregistration *and* the paper.

☐ Yes, specification
☐ Yes, procedure
☐ Yes, values
☐ Yes, construction
☐ No, none of the elements are consistent

In what way is the specification of <u>INDEPENDENT VARIABLE 2</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the procedure of measurement of <u>INDEPENDENT VARIABLE 2</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way are the potential values of each component of <u>INDEPENDENT VARIABLE 2</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the construction procedure of <u>INDEPENDENT VARIABLE 2</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

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From the texts below, please assess whether the operationalization of the THIRD VARIABLE is consistent between the preregistration and the paper.

Preregistration text:
${q://QID326/ChoiceTextEntryValue}

Paper text:
${q://QID320/ChoiceTextEntryValue}

○ Yes
○ No

In what way is the operationalization of the THIRD VARIABLE inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

```



```

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

From the texts below, please assess whether the operationalization of the <u>THIRD VARIABLE</u> is consistent between the preregistration and the paper. That is, are all of the following elements consistent?
1. Which measure is used [specification]
2. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
3. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
4. The procedure how they will construct the composite from its elements (e.g., arithmetic mean, weighted mean, sum) [constr]

<u>Preregistration text</u>:
${q://QID339/ChoiceTextEntryValue}

<u>Paper text</u>:
${q://QID288/ChoiceTextEntryValue}

NOTE: the response options only cover the elements that were previously labeled as (partially) reproducible for both the preregistration *and* the paper.

- [ ] Yes, specification
- [ ] Yes, procedure
- [ ] Yes, values
- [ ] Yes, construction

☐ No, none of the elements are consistent

In what way is the specification of the <u>THIRD VARIABLE</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the procedure of measurement of the <u>THIRD VARIABLE</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors'

explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way are the potential values of each component of the THIRD VARIABLE inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the construction procedure of the THIRD VARIABLE inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

[text box]

From the texts below, please assess whether the operationalization of the <u>DEPENDENT VARIABLE</u> is consistent between the preregistration and the paper. That is, are all of the following elements consistent?
1. Which measure is used [specification]
2. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
3. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
4. The procedure how they will construct the composite from its elements (e.g., arithmetic mean, weighted mean, sum) [construction]

<u>Preregistration text</u>:
${q://QID364/ChoiceTextEntryValue}

<u>Paper text</u>:
${q://QID293/ChoiceTextEntryValue}

NOTE: the response options only cover the elements that were previously labeled as (partially) reproducible for both the preregistration *and* the paper.

- ☐ Yes, specification
- ☐ Yes, procedure
- ☐ Yes, values
- ☐ Yes, construction
- ☐ No, none of the elements are consistent

In what way is the specification of the <u>DEPENDENT VARIABLE</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the procedure of measurement of the <u>DEPENDENT VARIABLE</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way are the potential values of the <u>DEPENDENT VARIABLE</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the construction procedure of the <u>DEPENDENT VARIABLE</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

From the texts below, please assess whether the operationalization of the <u>FIRST CONTROL VARIABLE</u> is consistent between the preregistration and the paper.

<u>Preregistration text</u>:
${q://QID555/ChoiceTextEntryValue}

<u>Paper text</u>:
${q://QID558/ChoiceTextEntryValue}

○ Yes
○ No

In what way is the operationalization of the <u>FIRST CONTROL VARIABLE</u> inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

[   ]

From the texts below, please assess whether the operationalization of the <u>FIRST CONTROL VARIABLE</u> is consistent between the preregistration and the paper. That is, are all of the following elements consistent?
1. Which measure is used [specification]
2. The procedure of measurement (e.g., information about the administration of an EEG, IQ test, or personality scale) [procedure]
3. The potential values of each component (e.g., the response options of individual items in a questionnaire) [values]
4. The procedure how they will construct the composite from its elements (e.g., arithmetic mean, weighted mean, sum) [construction]

Preregistration text:
${q://QID369/ChoiceTextEntryValue}

Paper text:
${q://QID294/ChoiceTextEntryValue}

NOTE: the response options only cover the elements that were previously labeled as (partially) reproducible for both the preregistration *and* the paper.

☐ Yes, specification
☐ Yes, procedure
☐ Yes, values
☐ Yes, construction

☐ No, none of the elements are consistent

In what way is the procedure of measurement of the <u>FIRST CONTROL VARIABLE</u> **inconsistent?**

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

[text box]

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

[text box]

In what way are the potential values of the <u>FIRST CONTROL VARIABLE</u> **inconsistent?**

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

[text box]

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the construction procedure of the FIRST CONTROL VARIABLE inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

From the texts below, please assess whether the DATA COLLECTION PROCEDURE is consistent between the preregistration and the paper. That is, are all of the following elements consistent?
1. The exact number of participants the authors want to include / included in the study [sample size]

2. The exact time frame (i.e., period, not exact dates) and situation in which participants will be/were invited [sampling frame]

<u>**Preregistration text**</u>**:**
${q://QID300/ChoiceTextEntryValue}

<u>**Paper text**</u>**:**
${q://QID309/ChoiceTextEntryValue}

NOTE: the response options only cover the elements that were previously labeled as (partially) reproducible for both the preregistration *and* the paper.

- ☐ Yes, sample size
- ☐ Yes, sampling frame
- ☐ No, none of the elements are consistent

In what way is the sample size inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

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```

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

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```

In what way is the sampling frame inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

[text box]

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

[text box]

From the texts below, please assess whether the author's INCLUSION / EXCLUSION CRITERIA to select PARTICIPANTS / DATA are consistent between the preregistration and the paper. That is, are all of the following elements consistent?

1. **The definitions underlying participant / data selection (e.g., how demographic information is assessed, what constitutes an outlier, what it means for a participant to not participate seriously)? [definition]**
2. **The method to exclude participants / data (e.g., exclusion before or after data collection, the use of nonparametric test, bootstrapping)? [method]**

Preregistration text:
${q://QID302/ChoiceTextEntryValue}

Paper text:
${q://QID305/ChoiceTextEntryValue}

NOTE: the response options only cover the elements that were previously labeled as (partially) reproducible for both the preregistration *and* the paper.

- ☐ Yes, definition
- ☐ Yes, method
- ☐ None of the elements are consistent

In what way are the definitions underlying inclusion and exclusion criteria inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the method for excluding participants / data inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

> ```
> 
> ```

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

> ```
> 
> ```

From the texts below, please assess whether the way the study deals with <u>INCOMPLETE OR MISSING DATA</u> is consistent between the preregistration and the paper. That is, are all of the following elements consistent?
**1.	The definition of a missing case [definition]**
**2.	The procedure to handle missing cases (e.g., pairwise deletion, listwise deletion, imputation method, intention-to-treat method, full information method) [method]**

Preregistration text:
${q://QID299/ChoiceTextEntryValue}

Paper text:
${q://QID308/ChoiceTextEntryValue}

NOTE: the response options only cover the elements that were previously labeled as (partially) reproducible for both the preregistration *and* the paper.

- ☐ Yes, definition
- ☐ Yes, method
- ☐ No, none of the elements are consistent

In what way is the definition of a missing case inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the procedure to handle missing cases inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

From the texts below, please assess whether the <u>STATISTICAL MODEL</u> is consistent between the preregistration and the paper. That is, are all of the following elements consistent?
1. The statistical model used (e.g., t-test, chi-squared test, linear / logistic regression, two-way ANOVA) [model]
2. The relevant variables and their factor levels (including mediating, moderating, interacting, and control variables) [variables]
3. The manner in which the variables are used in the analysis (e.g., mean centered, SEM model specification including potential residual covariances, robust standard errors) [details]

<u>Preregistration text</u>:
${q://QID542/ChoiceTextEntryValue}

<u>Paper text</u>:
${q://QID441/ChoiceTextEntryValue}

NOTE: the response options only cover the elements that were previously labeled as (partially) reproducible for both the preregistration *and* the paper.

☐ Yes, model
☐ Yes, variables
☐ Yes, details
☐ No, none of the elements are consistent

In what way is the statistical model inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way are the model variables inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way are the details of the statistical method inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

[text area]

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

[text area]

From the texts below, please assess whether the way the study handles VIOLATIONS OF STATISTICAL ASSUMPTIONS is consistent between the preregistration and the paper. That is, are all of the following elements consistent?
1.   Which assumptions are checked (e.g., normality, homoscedascity, linearity, homogeneity of variances, sphericity)? [which]
2.   How the assumptions are checked (e.g., type of test like Levene's test, alpha level)? [how]
3.   What is done in cases of violations (e.g., transformations, non-parametric tests)? [deal]

Preregistration text:
${q://QID301/ChoiceTextEntryValue}

Paper text:
${q://QID307/ChoiceTextEntryValue}

NOTE: the response options only cover the elements that were previously labeled as (partially) reproducible for both the preregistration *and* the paper.

☐ Yes, which

☐ Yes, how

☐ Yes, deal

☐ No, none of the elements are consistent

In what way are the checked assumptions inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the method of checking assumptions inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

In what way is the method for handling violations of assumptions inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

From the texts below, please assess whether the INFERENCE CRITERIA are consistent between the preregistration and the paper.

Note: you can assume that the authors use a two-tailed test and an alpha of .05 to assess statistical significance, and a Bayes factor cut-off value of 3 (or 1/3) if they are not clear about this in the paper.

Preregistration text:
${q://QID297/ChoiceTextEntryValue}

Paper text:
${q://QID304/ChoiceTextEntryValue}

○ Yes

○ No

In what way are the inference criteria inconsistent?

In a subsequent coding phase, you will compare your response to the response of another coder and reconcile any inconsistencies together. To facilitate this reconciliation process you can add notes in the text box at your discretion using [square brackets].

Please copy-paste the authors' explanation for the inconsistency. If the authors do not provide an explanation, please fill out the letter 'n'. To find the authors' explanation you may find it helpful to use the search terms "deviat", "discrep", and "inconsist".

Please write down any comments you have about coding this part of the protocol.

End

Please write down any comments you have about coding this protocol.

How difficult was it to code this preregistration-study pair?

○ Very easy

○ Somewhat easy

○ Neither easy nor difficult

○ Somewhat difficult

○ Very difficult

Don't forget to submit your answers by clicking on the right arrow!

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