Notes to read before the table below.

1. Can you make it very clear which is our boilerplate output text rather than the text the authors will copy-and-paste from their manuscript. Maybe italics would do the trick.
2. Can all the boxes have a blank placeholder value as their default. May we also allow users to return to the blank value if they decide not to answer a question. [I want to make this app very user friendly in the sense that users can fill out as much as they want to. – If they are lazy, however, it will show in their output table]
3. If a question is not answered (i.e., the default blank value is left there) can we output *“this field has been left blank”* into the final output table.
4. Can we have two output tables?
   1. One which is the CRED-nf table and includes all the copy-pasted text from the manuscript for each item (or the boilerplate output, or the “field left balnk” output). This could be added to manuscript as supplementary material.
   2. One which is a summarized version to be included in the manuscript. It would again be the CRED-nf table, but with “Yes, No, Not applicable, or Not addressed [when the field was left blank]” as the answer to each question. I am thinking of perhaps compressing the table by summarizing text or rearranging it a bit. I think this output stage will take a bit of tinkering with to get it to how we want it. Feel free to insert your thoughts into the output.
5. If users left any fields blank, can we prompt them at the submit stage with e.g. “You have left items 1b, 3c and 5a blank, would you like to respond to these questions now?”. And if they say no, that’s fine and we just output the “field left blank” option.
6. Is there some way to save their answers? So that if they produce the output and then look at it and want to change something, they can go back and do so with only modifying the items they want to change (rather than reanswering every question)? This may also happen when they get peer review comments back and make modifications before resubmitting.
7. I include some square brackets throughout the checklist on the next pages. These are my side thoughts—not to be included in the app. I use a few of them to identify what the response would be for the summary table when it may be ambiguous.
8. Can we include a note to users at the top of the page (or before or after the first *domain* tab). I want to add a few sentences to describe the purpose of the app and to tell them to copy-paste enough text so that if someone opens this supplementary material CRED-nf table, they can understand why each item has been checked or not checked.

|  |  |  |  |
| --- | --- | --- | --- |
| **Domain** | **Item #** | **Checklist item** | **Reported on page #** |
| **Pre-experiment** | | | |
|  | 1a | Pre-register experimental protocol and planned analyses [these top lines are the text directly from the official checklist, do NOT include them].  Was the protocol or analysis preregistered?   * Yes 🡪 Copy the text from your manuscript that identifies the preregistration and includes a link to it. [Whenever the follow-up is “copy the text….”, then the output will be this copy-pasted text] * No 🡪 “This experiment was not preregistered” |  |
| 1b | Justify sample size  Does the manuscript describe the sampling plan and/or justify the sample size used?   * Yes 🡪 Copy the text from your manuscript that describes the sampling plan and justifies the sample size. * No 🡪 “The manuscript does not describe the sampling plan or justify the sample size used” |  |
| **Control groups** | | | |
|  | 2a | Employ control group(s) or control condition(s)  Did the experiment include at least one control group or control condition?   * Yes 🡪 Copy the text from your manuscript that describes the control group(s) and/or condition(s) * No 🡪 “This experiment did not include a control group or control condition” |  |
| 2b | When leveraging experimental designs where a double-blind is possible, use a double-blind  Was a double-blind appropriate in the present experiment?   * [YES] Yes, and a double-blind was used 🡪 Copy the text from your manuscript that describes the double-blind and how it was implemented. * [NO] Yes, but a double-blind was not used 🡪 “The experiment did not include a double-blind” * [NA] No 🡪 “NA: A double-blind was not appropriate for this experiment” |  |
| 2c | Blind those who rate the outcomes, and when possible, the statisticians involved  [the response to this question will be divided into 2c-rater and 2c-statistician]  Were those who rate the outcomes blinded to group assignment?   * Yes 🡪 Copy the text from your manuscript that describes the blind and how it was implemented.  1. No 🡪 “Those who rated the outcome were not blind to group assignment” 2. Not applicable, there was only one participant group 🡪 “NA: There was only one participant group”   Were those who analysed the data blinded to group assignment?   * Yes 🡪 Copy the text from your manuscript that describes the blind and how it was implemented.  1. No 🡪 “Those who analysed the data were not blind to group assignment” 2. Not applicable, there was only one participant group 🡪 “NA: There was only one participant group” |  |
| 2d | Examine to what extent participants and experimenters remain blinded.  Were any measures taken to examine to what extend participants and experimenters remained blind?   * Yes 🡪 Copy the text from your manuscript that describes the measures taken to examine whether participants and experimenters remained blind. * No 🡪 “No measures were taken to examine whether participants and experimenters remained blind” * Not applicable, there was only one participant group 🡪 “NA: There was only one participant group” |  |
| 2e | In clinical efficacy studies, employ a standard-of-care intervention group as a benchmark for improvement  Is this a clinical efficacy?   * [YES] Yes, and a standard-of-care intervention group was used as a benchmark for improvement 🡪 Copy the text from your manuscript that describes the standard-of-care intervention group. * [NO] Yes, and a standard-of-care intervention group was not used as a benchmark for improvement 🡪 “The present study is a clinical efficacy study. There was no standard-of-care intervention group.” * [NA] No 🡪 “NA: This is not a clinical efficacy study” |  |
| **Control measures** | | | |
|  | 3a | Collect data on psychosocial factors  Were data collected on psychosocial factors?   * Yes 🡪 Copy the text from your manuscript that describes the data collected on psychosocial factors? * No 🡪 “Psychosocial factors were not measured” |  |
| 3b | Report whether participants were provided with a strategy  Does the manuscript report whether participants were provided with a strategy?   * Yes 🡪 Copy the text from your manuscript that identifies whether one or more strategy was provided. If one or more strategy was provided, include the text describing the strategy or strategies. * No 🡪 “The manuscript does not report whether strategies were provided” |  |
| 3c | Report the strategies participants used  Are the strategies that participants reported using included in the manuscript?   * Yes 🡪 Copy the text from your manuscript that describes the strategies participants used. (Note, these are not necessarily the same as the strategies provided). * No 🡪 “The strategies participants used were not recorded or not reported in the manuscript” |  |
| 3d | Report methods used for online-data processing and artifact correction  Does the manuscript report the methods used for online-data processing and artifact correction?   * Yes 🡪 Copy the text from your manuscript that describes the methods used for online-data processing and artifact correction * No 🡪 “The manuscript does not report the methods used for online-data processing and artifact correction” |  |
| 3e | Report condition and group effects for artifacts  Does the manuscript report condition and/or group effects for artifacts?   * Yes 🡪 Copy the text from your manuscript that describes condition and/or group level artifacts. * No 🡪 “Condition and group effects for artifacts were not measured, or not reported in the manuscript” |  |
| **Feedback specifications** | | | |
|  | 4a | Report how the online-feature extraction was defined  Does the manuscript report how the online-feature extraction was defined?   * Yes 🡪 Copy the text from your manuscript that describes how the online-feature extraction was defined. * No 🡪 “The manuscript does not report how the online-feature extraction was defined” |  |
| 4b | Report and justify the reinforcement schedule  Does the manuscript report and justify the reinforcement schedule?   * Yes 🡪 Copy the text from your manuscript that describes and justifies the reinforcement schedule. * No 🡪 “The manuscript does not report or justify the reinforcement schedule” |  |
| 4c | Report the feedback modality and content  Does the manuscript report the feedback modality and content?   * Yes 🡪 Copy the text from your manuscript that describes the feedback modality and content * No 🡪 The manuscript does not report the feedback modality and content? |  |
| 4d | Collect and report all brain activity variable(s) and/or contrasts used for feedback, as displayed to experimental participants  Does the manuscript report all brain activity variable(s) and/or contrasts used for feedback, as displayed to experimental participants?   * Yes 🡪 Copy the text from your manuscript that reports the brain activity variable(s) and/or contrasts used for feedback, as displayed to experimental participants * No 🡪 “All brain activity variable(s) and/or contrasts used for feedback, as displayed to experimental participants were not collected or are not reported in the manuscript” |  |
| 4e | Report the hardware and software used  Does the manuscript report the hardware and software used?   * Yes 🡪 Copy the text from your manuscript that describes the hardware and software used. * No 🡪 “The manuscript does not report the hardware and software used” |  |
| **Outcome measures** | | | |
| Brain | 5a | Report neurofeedback regulation success based on the feedback signal  Does the manuscript report neurofeedback regulation success based on the feedback signal?   * Yes 🡪 Copy the text from your manuscript that describes neurofeedback regulation success based on the feedback signal. * No 🡪 “The manuscript does not report neurofeedback regulation success based on the feedback signal” |  |
|  | 5b | Plot within-session and between-session regulation blocks of feedback variable(s), as well as pre-to-post resting baselines or contrasts  Does the manuscript plot within-session and between-session regulation blocks of feedback variable(s), as well as pre-to-post resting baselines or contrasts?   * Yes 🡪 Copy the text from your manuscript and/or insert the figure number(s) that plot within-session and between-session regulation blocks of feedback variable(s), as well as pre-to-post resting baselines or contrasts? * No 🡪 “The manuscript does not plot within-session and between-session regulation blocks of feedback variable(s), as well as pre-to-post resting baselines or contrasts” |  |
|  | 5c | Statistically compare the experimental condition/group to the control condition(s)/group(s) (not only each group to baseline measures)  Does the manuscript statistically compare the experimental condition/group to the control condition(s)/group(s) (not only each group to baseline measures)?   * Yes 🡪 Copy the text from your manuscript that describes the statistical comparison of the experimental condition/group to the control condition(s)/group(s). * No 🡪 “The manuscript does not statistically compare the experimental condition/group to the control condition(s)/group(s)” * Not applicable, there was only one participant group 🡪 “NA: There was only one participant group” Not applicable, there was only one participant group 🡪 “NA: There was only one participant group” |  |
| Behaviour | 6a | Include measures of clinical or behavioural significance, defined a priori, and describe whether they were reached  [this question is somewhat of a two-parter, but I think I’ve managed to work it into one]  Does the manuscript report measures of clinical or behavioural significance and describe whether they were reached?   * [YES] Yes, and the measure was defined a priori 🡪 Copy the text from your manuscript that reports measures of clinical or behavioural significance and describes whether they were reached. Ensure this text includes the URL where the measure of clinical or behavioural significance was preregistered or enter the source where this clinical or behavioural significance value has been previously established. * [YES/NO] Yes, and the measure was not defined a priori 🡪 Copy the text from your manuscript that reports measures of clinical or behavioural significance and describes whether they were reached. [add the following line of boilerplate text to the output, but do not display it to the person filling out the form.] “This clinical or behavioural significance value was not defined a priori”. * [NO] No 🡪 “The manuscript does not include measures of clinical or behavioural significance” * [NA] Not applicable, the study does not take cognitive or behavioural measures 🡪 “NA: the study does not take cognitive or behavioural measures |  |
|  | 6b | Run correlational analyses between regulation success and behavioural outcomes  Does the manuscript compare regulation success and behavioural outcomes?   * Yes 🡪 Copy the text from your manuscript and/or the figure numbers that compare regulation success and behavioural outcomes. * No 🡪 “This manuscript does not compare regulation success and behavioural outcomes” * Not applicable, the study does not take cognitive or behavioural measures 🡪 “NA: the study does not take cognitive or behavioural measures |  |
| **Data storage** | | |  |
|  | 7a | Upload all materials, analysis scripts, code, and raw data used for analyses, as well as final values, to an open access data repository, when feasible  Does the manuscript include a link to any open access materials, analysis scripts, code, raw data, or final values?   * Yes 🡪 Copy the text from your manuscript detailing which items are available. Ensure this text includes a link to access the documents. * No 🡪 “No additional documents related to the materials, analysis scripts, code, raw data, or final values are available for this manuscript”. |  |