Triage
Coder initials
O RTT
○ EZ
O HP
Other
Enter the article's <b>PMCID.</b>
Is this a study protocol?
O Yes
O No
Does this article <u>meet our inclusion criteria</u> ? Included articles must use GPower to perform a power calculation. The power calculation can solve for sample size, power, effect size, or any other relevant parameter and may be conducted before or after the study. If the article discusses GPower, but does not use it to conduct a power calculation for a study <b>presented within that article</b> , the article should be excluded (e.g., articles that run power calculations only for future studies should be excluded).  O Include O Exclude
Article meta-data
Who are the "participants" in the study the power calculation was written for? In other words, what type of study is this?
O Humans
O Non-human animals (this includes both in vivo and in vitro studies)
Other

Enter the name of the <b>journal</b> where the article was published.			
Enter the <b>year</b> the article was published.			
Enter the <b>Journal Impact Factor for <u>2 YEARS PRIOR</u> to the year of publication</b> (i.e., if the article is published in 2021, enter the JIF for 2019. This is the JIF that would have been available the year of publication. At the moment, JIFs have only been calculated for 2020 and earlier years).			
Use the Journal Citation Report from <a href="https://jcr.clarivate.com/jcr/home">https://jcr.clarivate.com/jcr/home</a> . If the journal is not listed in that database, or does not have an impact factor for the year the article was published, enter "NA" into this box.			
Power Calc Type			
Complete this form for only one power calculation that solves for sample size. If there is one power calculation that is unambiguously identified, or likely to be, the primary power calculation, select this one. If there's no indication that one power calculation is more prominent than another one, select the power calculation that solves for sample size that first appears in the article. If there is only one power calculation that solves for sample size, select that one.			
<u>Copy-paste text from the article</u> that describes this power calculation. This text should be <b>VERBATIM</b> . Do not put text in this box that doesn't come directly from the article. You do not need to include " " quotation marks.			

What type of power calculation(s) does this article have? Select multiple options if there
are multiple power calculations that solve for different variables.
Solves for <b>sample size</b> (often called <i>a priori</i> )
Solves for <b>power</b> (often called <i>post hoc</i> )
Solves for <b>effect size</b> (often called <i>sensitivity</i> )
Other
☐ Unsure
Does the article contain more than one power calculation that solves for sample size?
O Yes
O No
Do you feel <b>your statistical knowledge is adequate</b> to fill out this form for this specific power calculation?
O Yes
O Probably
No (If you select this option, the survey will terminate and we will be sure to get a stats savvy coder to be the other coder for this power calculation)
Power Calc Detail
Does the power calculation include the <b>version of GPower</b> used? If yes, enter the version number.
Yes
O No
Does the power calculation report the <b>power or beta</b> (i.e., 1 - power) used? If yes, enter
the power value (e.g., 0.8).
O Yes (0.80)
Yes

O No

Does the power calculation report **alpha or the p-value** used? If yes, enter the value (e.g., 0.05).

Yes (0.05)No

Does the power calculation report the **sample size**? If yes, enter the **TOTAL sample size** (e.g., if the power calculation has 2 groups with 30 participants each, then enter 60). Enter the sample size used in the power calculation (rather than the actual sample size used). Some articles may add participants to their sample size because of attrition. In this case, enter the sample size output from the power calculation (i.e., what's expected after attrition).

O No

Does the power calculation report the type of effect size?

d
f
r
w
f2
ratios (e.g.odds ratio or risk ratio)
Other: Standardized
Other: Non-standardized (e.g., 5 points on a questionnaire scale).

Does the power calculation report the <u>value</u> for the effect size? If yes, then enter the value (e.g. 0.5). Only enter a number here. We will know what type of effect size it is

Dase	ed on your response to the previous question.
0	Yes
0	No
Doe	s the power calculation report the <b>statistical test?</b>
0	t-test
0	ANOVA
0	correlation (e.g., Pearson's or Spearman's)
0	test of proportions (e.g., Fisher's, or chi-squared)
0	other regression (please describe)
0	other non-regression (please describe)
0	the statistical test is NOT reported
	there <u>any other elements</u> of the power calculation that should be reported, but are reported? For example, the expected proportions in Fisher's test or the number of
pred	dictors in a regression. You don't need to reply to this question.
_	
	you <b>reproduce</b> the power calculation in GPower (within a few minutes)? If yes, take a
PM(	enshot of GPower to show the reproduction and save the screenshot filename as the CID.
0	Yes, based solely on the information in the article or its supplementary material
$\bigcirc$	Yes, but I've had to make some assumptions. (please list the assumptions you made)
0	No

Does the article mention a justification or basis for the effect size chosen in their power calculation (you may select multiple options)?

exhaustive list of all possible errors, so please also code "Yes" for this question if you come across an error that we haven't described.

O Yes

Likely, but I cannot be certain based on the information provided.

O No

Unsure (there's not enough information to reasonably code yes or no).

Justify your response to the previous question regarding whether the power calculation is
inappropriate for any other reason. Or enter "NTA" for "nothing to add". If you
responded "Yes" or "Likely" to the previous question, you must explain why in this box.
If an error is present, can the impact of the error be quantified? For example, if the
default ANOVA option was mistakenly chosen, what is the difference in sample size
between what the article calculated and the same calculation with a different option
selected? If no error is present in the calculation, you may leave this box blank.
Provide any additional comments you might have about this specific power calculation. (optional)

## **Final Comments**

Provide any additional comments you may have about this survey form or this study in general (optional).

9/15/23, 9:28 PM	Qualtrics Survey Software	

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