

	Encoding	Instructions and Tips
Checklist Categories		Instructions: for a given category, put 1 if the reviewer has made a comment that relates to at least one of the items falling into this category
Models and algorithms	1 = yes 0 = no	Tips <ul style="list-style-type: none"> - <u>“software version”</u> → “Models and Algorithms” (NOT “Code”) - <u>“data (pre)processing”</u> → “Models and Algorithms” (NOT “Datasets”) - <u>“training procedure”</u> → “Experimental results” (NOT “Models and Algorithms”) - <u>“hyperparameters values”</u> → “Experimental results” (NOT “Models and Algorithms”)
Datasets	1 = yes 0 = no	Tips <ul style="list-style-type: none"> - <u>“annotations”</u> → “Datasets” (NOT “Experimental Results”) - <u>“data (pre)processing”</u> → “Models and Algorithms” (NOT “Datasets”) - <u>“training data(set)”</u> → “Experimental results” (NOT “Datasets”)
Code	1 = yes 0 = no	Tips <ul style="list-style-type: none"> - <u>“software version”</u> → “Models and Algorithms” (NOT “Code”) - The mention of <u>“implementation details”</u> is not, in itself, a comment regarding the “Code” category (as it may refer to details mentioned in the paper, without the presence of code)
Experimental Results	1 = yes 0 = no	Tips <ul style="list-style-type: none"> - <u>“training procedure”</u> → “Experimental results” (NOT “Models and Algorithms”) - <u>“hyperparameters values”</u> → “Experimental results” (NOT “Models and Algorithms”) - <u>“training data(set)”</u> → “Experimental results” (NOT “Datasets”) - <u>“training code”</u> does not mean “training procedure” → “Code” (NOT “Experimental Results”) - A simple mention of <u>“experiment reproduction”</u> (e.g. “experiments could potentially be reproduced”) without specific details is not sufficient to put 1 for “Experimental results”
Items: Error bars/signif	1 = yes 0 = no	Instructions: put 1 if the reviewer has commented on at least one of these two items
Statement		Instructions: indicate whether the reviewer has made an explicitly statement regarding the reproducibility, and if yes indicate if it was positive or negative Tips <ul style="list-style-type: none"> - The statement needs to be the opinion of the reviewer: <u>if the reviewer is only saying that the authors said it is reproducible</u> → (none) - The reproducibility <u>does not need to be perfect</u> (e.g. “reproducibility is ok to some extent”) → (+)
	3. (+)	Instructions: Choose this value if the reviewer has explicitly stated that the reproducibility is fine. Tips <ul style="list-style-type: none"> - Statement regarding only the fact that the checklist was filled → (none) (NOT (-) nor (+)) - A conditional statement is taken into account only if the condition is met
	2. (-)	Instructions: Choose this value if the reviewer has explicitly stated that the paper is not reproducible. Tips <ul style="list-style-type: none"> - If there is an explicit statement that <u>reproducibility is reduced</u> or that <u>the work may not be reproducible</u> → (-) (NOT (none)) - If the reviewer has stated that no conclusion about reproducibility can be reached → (none) (NOT (-))
	1. (none)	Instructions: Choose this value if the reviewer has not made an explicit statement. Tips <ul style="list-style-type: none"> - Statement regarding only the checklist → (none) (NOT (-) nor (+)) - If the reviewer has stated that no conclusion about reproducibility can be reached → (none) (NOT (-))

		<ul style="list-style-type: none"> - If there is an explicit statement that reproducibility is reduced or that the work may not be reproducible → (-) (NOT (none))
	0. Unusable	Instructions: Choose this value if the review is too vague to fall into any of the above categories.
Comments		Instructions: indicate whether the reviewer has made comments regarding specific aspects of the reproducibility, and if yes indicate if there were positive comments, negative comments or both. Tips: <ul style="list-style-type: none"> - Anything related to the statement should not be taken into account for comments (e.g. if only the statement is positive → no positive comments) - A comment can be positive even if unrelated to checklist items - When a reviewer says that the code will be shared, this counts as a positive comment
	4. (-/+)	Instructions: Choose this value if the reviewer has made both positive and negative comments.
	3. (+)	Instructions: Choose this value if the reviewer has made only positive comments. Tips: <ul style="list-style-type: none"> - If the reviewer has identified some shortcomings but that these have been addressed by the authors → (+) (NOT (-) or (-/+))
	2. (-)	Instructions: Choose this value if the reviewer has made only negative comments.
	1. (none)	Instructions: Choose this value if the reviewer has not made any comments. They may have made a general statement. Tips: <ul style="list-style-type: none"> - if the reviewer says some aspects are not reproducible but that it is due to constraints that cannot be avoided (e.g. data privacy) → (none) (Not (-))
	0. Unusable	Instructions: Choose this value if the review is too vague to fall into any of the above categories.
Code is or will be available	1 = yes 0 = no	Instructions: put 1 if the reviewer has said that the code was provided at the time of reviewing OR that the authors said they would release the code upon acceptance
Code repository provided and not empty	1 = yes 0 = no	Instructions: put 1 if the code is provided in a repository and the repository is not empty