# **Formatting Instructions For NeurIPS 2024**

Anonymous Author(s) Affiliation Address email

# Abstract

- 1 The abstract paragraph should be indented ½ inch (3 picas) on both the left- and
- 2 right-hand margins. Use 10 point type, with a vertical spacing (leading) of 11 points.
- <sup>3</sup> The word **Abstract** must be centered, bold, and in point size 12. Two line spaces
- 4 precede the abstract. The abstract must be limited to one paragraph.

# 5 1 Submission of papers to NeurIPS 2024

<sup>6</sup> Please read the instructions below carefully and follow them faithfully.

## 7 **1.1 Style**

8 Papers to be submitted to NeurIPS 2024 must be prepared according to the instructions presented

- here. Papers may only be up to nine pages long, including figures. Additional pages *containing only acknowledgments and references* are allowed. Papers that exceed the page limit will not be reviewed,
   or in any other way considered for presentation at the conference.
- <sup>12</sup> The margins in 2024 are the same as those in previous years.
- 13 Authors are required to use the NeurIPS LATEX style files obtainable at the NeurIPS website as
- indicated below. Please make sure you use the current files and not previous versions. Tweaking thestyle files may be grounds for rejection.

# 16 **1.2 Retrieval of style files**

17 The style files for NeurIPS and other conference information are available on the website at

- <sup>19</sup> The file neurips\_2024.pdf contains these instructions and illustrates the various formatting re-<sup>20</sup> quirements your NeurIPS paper must satisfy.
- <sup>21</sup> The only supported style file for NeurIPS 2024 is neurips\_2024.sty, rewritten for  $LTFX 2_{\epsilon}$ .
- 22 Previous style files for LATEX 2.09, Microsoft Word, and RTF are no longer supported!
- The LATEX style file contains three optional arguments: final, which creates a camera-ready copy, preprint, which creates a preprint for submission to, e.g., arXiv, and nonatbib, which will not
- load the natbib package for you in case of package clash.
- Preprint option If you wish to post a preprint of your work online, e.g., on arXiv, using the NeurIPS style, please use the preprint option. This will create a nonanonymized version of your work with the text "Preprint. Work in progress." in the footer. This version may be distributed as you see fit, as long as you do not say which conference it was submitted to. Please **do not** use the final
- 30 option, which should **only** be used for papers accepted to NeurIPS.

At submission time, please omit the final and preprint options. This will anonymize your submission and add line numbers to aid review. Please do *not* refer to these line numbers in your

- paper as they will be removed during generation of camera-ready copies.
- The file neurips\_2024.tex may be used as a "shell" for writing your paper. All you have to do is replace the author, title, abstract, and text of the paper with your own.

The formatting instructions contained in these style files are summarized in Sections 2, 3, and 4 below.

# **2** General formatting instructions

<sup>39</sup> The text must be confined within a rectangle 5.5 inches (33 picas) wide and 9 inches (54 picas) long.

<sup>40</sup> The left margin is 1.5 inch (9 picas). Use 10 point type with a vertical spacing (leading) of 11 points.

41 Times New Roman is the preferred typeface throughout, and will be selected for you by default.

<sup>42</sup> Paragraphs are separated by  $\frac{1}{2}$  line space (5.5 points), with no indentation.

<sup>43</sup> The paper title should be 17 point, initial caps/lower case, bold, centered between two horizontal

rules. The top rule should be 4 points thick and the bottom rule should be 1 point thick. Allow ¼ inch
space above and below the title to rules. All pages should start at 1 inch (6 picas) from the top of the

46 page.

For the final version, authors' names are set in boldface, and each name is centered above the corresponding address. The lead author's name is to be listed first (left-most), and the co-authors' names (if different address) are set to follow. If there is only one co-author, list both author and

50 co-author side by side.

<sup>51</sup> Please pay special attention to the instructions in Section 4 regarding figures, tables, acknowledgments, <sup>52</sup> and references.

# 53 **3 Headings: first level**

- <sup>54</sup> All headings should be lower case (except for first word and proper nouns), flush left, and bold.
- <sup>55</sup> First-level headings should be in 12-point type.

# 56 3.1 Headings: second level

57 Second-level headings should be in 10-point type.

# 58 3.1.1 Headings: third level

<sup>59</sup> Third-level headings should be in 10-point type.

60 **Paragraphs** There is also a \paragraph command available, which sets the heading in bold, flush 61 left, and inline with the text, with the heading followed by 1 em of space.

# 62 **4** Citations, figures, tables, references

<sup>63</sup> These instructions apply to everyone.

# 64 **4.1** Citations within the text

- <sup>65</sup> The natbib package will be loaded for you by default. Citations may be author/year or numeric, as
- long as you maintain internal consistency. As to the format of the references themselves, any style is
   acceptable as long as it is used consistently.
- <sup>68</sup> The documentation for natbib may be found at
- 69 http://mirrors.ctan.org/macros/latex/contrib/natbib/natnotes.pdf



Figure 1: Sample figure caption.

Of note is the command \citet, which produces citations appropriate for use in inline text. For
 example,

72 \citet{hasselmo} investigated\dots

73 produces

74 Hasselmo, et al. (1995) investigated...

If you wish to load the natbib package with options, you may add the following before loading the
 neurips\_2024 package:

## 77 \PassOptionsToPackage{options}{natbib}

If natbib clashes with another package you load, you can add the optional argument nonatbibwhen loading the style file:

80 \usepackage[nonatbib]{neurips\_2024}

As submission is double blind, refer to your own published work in the third person. That is, use "In the previous work of Jones et al. [4]," not "In our previous work [4]." If you cite your other papers that are not widely available (e.g., a journal paper under review), use anonymous author names in the citation, e.g., an author of the form "A. Anonymous" and include a copy of the anonymized paper in the supplementary material.

#### 86 4.2 Footnotes

<sup>87</sup> Footnotes should be used sparingly. If you do require a footnote, indicate footnotes with a number<sup>1</sup>

in the text. Place the footnotes at the bottom of the page on which they appear. Precede the footnote
with a horizontal rule of 2 inches (12 picas).

<sup>90</sup> Note that footnotes are properly typeset *after* punctuation marks.<sup>2</sup>

# 91 4.3 Figures

All artwork must be neat, clean, and legible. Lines should be dark enough for purposes of reproduction.

<sup>93</sup> The figure number and caption always appear after the figure. Place one line space before the figure

caption and one line space after the figure. The figure caption should be lower case (except for first
 word and proper nouns); figures are numbered consecutively.

You may use color figures. However, it is best for the figure captions and the paper body to be legible

<sup>97</sup> if the paper is printed in either black/white or in color.

<sup>2</sup>As in this example.

<sup>&</sup>lt;sup>1</sup>Sample of the first footnote.

 Table 1: Sample table title

	Part	
Name	Description	Size ( $\mu$ m)
Dendrite Axon Soma	Input terminal Output terminal Cell body	$\sim 100 \ \sim 10 \ up \text{ to } 10^6$

#### 98 4.4 Tables

All tables must be centered, neat, clean and legible. The table number and title always appear beforethe table. See Table 1.

Place one line space before the table title, one line space after the table title, and one line space after the table. The table title must be lower case (except for first word and proper nouns); tables are numbered consecutively.

Note that publication-quality tables *do not contain vertical rules*. We strongly suggest the use of the booktabs package, which allows for typesetting high-quality, professional tables:

106 https://www.ctan.org/pkg/booktabs

107 This package was used to typeset Table 1.

#### 108 4.5 Math

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Note that display math in bare TeX commands will not create correct line numbers for submission. Please use LaTeX (or AMSTeX) commands for unnumbered display math. (You
really shouldn't be using \$\$ anyway; see https://tex.stackexchange.com/questions/
503/why-is-preferable-to and https://tex.stackexchange.com/questions/40492/
what-are-the-differences-between-align-equation-and-displaymath for more information.)

#### 115 4.6 Final instructions

Do not change any aspects of the formatting parameters in the style files. In particular, do not modify the width or length of the rectangle the text should fit into, and do not change font sizes (except perhaps in the **References** section; see below). Please note that pages should be numbered.

#### **119 5 Preparing PDF files**

Please prepare submission files with paper size "US Letter," and not, for example, "A4."

Fonts were the main cause of problems in the past years. Your PDF file must only contain Type 1 or Embedded TrueType fonts. Here are a few instructions to achieve this.

- You should directly generate PDF files using pdflatex.
- You can check which fonts a PDF files uses. In Acrobat Reader, select the menu
   Files>Document Properties>Fonts and select Show All Fonts. You can also use the program
   pdffonts which comes with xpdf and is available out-of-the-box on most Linux machines.
- xfig "patterned" shapes are implemented with bitmap fonts. Use "solid" shapes instead.
- The \bbold package almost always uses bitmap fonts. You should use the equivalent AMS Fonts:
  - \usepackage{amsfonts}
- followed by, e.g.,  $\mathbb{R}$ ,  $\mathbb{R}$ ,  $\mathbb{R}$ ,  $\mathbb{C}$ . You can also use the following workaround for reals, natural and complex:

- 133 \newcommand{\RR}{I\!\!R} %real numbers
- 134 \newcommand{\Nat}{I\!\!N} %natural numbers
- 135  $\ \compared {CC}{I}!!!C} \ \complex numbers$
- 136 Note that amsfonts is automatically loaded by the amssymb package.

<sup>137</sup> If your file contains type 3 fonts or non embedded TrueType fonts, we will ask you to fix it.

#### 138 5.1 Margins in LATEX

Most of the margin problems come from figures positioned by hand using \special or other
 commands. We suggest using the command \includegraphics from the graphicx package.
 Always specify the figure width as a multiple of the line width as in the example below:

- 142 \usepackage[pdftex]{graphicx} ...
- 143 \includegraphics[width=0.8\linewidth]{myfile.pdf}

See Section 4.4 in the graphics bundle documentation (http://mirrors.ctan.org/macros/ latex/required/graphics/grfguide.pdf)

A number of width problems arise when LATEX cannot properly hyphenate a line. Please give LaTeX hyphenation hints using the \- command when necessary.

# 148 **References**

References follow the acknowledgments in the camera-ready paper. Use unnumbered first-level heading for the references. Any choice of citation style is acceptable as long as you are consistent. It

is permissible to reduce the font size to small (9 point) when listing the references. Note that the

<sup>152</sup> Reference section does not count towards the page limit.

[1] Alexander, J.A. & Mozer, M.C. (1995) Template-based algorithms for connectionist rule extraction. In
 G. Tesauro, D.S. Touretzky and T.K. Leen (eds.), *Advances in Neural Information Processing Systems 7*, pp.
 609–616. Cambridge, MA: MIT Press.

[2] Bower, J.M. & Beeman, D. (1995) *The Book of GENESIS: Exploring Realistic Neural Models with the General Neural SImulation System.* New York: TELOS/Springer–Verlag.

[3] Hasselmo, M.E., Schnell, E. & Barkai, E. (1995) Dynamics of learning and recall at excitatory recurrent
 synapses and cholinergic modulation in rat hippocampal region CA3. *Journal of Neuroscience* 15(7):5249-5262.

# 160 A Appendix / supplemental material

Optionally include supplemental material (complete proofs, additional experiments and plots) in appendix. All such materials **SHOULD be included in the main submission.** 

# **163** NeurIPS Paper Checklist

The checklist is designed to encourage best practices for responsible machine learning research, addressing issues of reproducibility, transparency, research ethics, and societal impact. Do not remove the checklist: **The papers not including the checklist will be desk rejected.** The checklist should follow the references and follow the (optional) supplemental material. The checklist does NOT count towards the page limit.

Please read the checklist guidelines carefully for information on how to answer these questions. For each question in the checklist:

- You should answer [Yes], [No], or [NA].
- [NA] means either that the question is Not Applicable for that particular paper or the relevant information is Not Available.
- Please provide a short (1–2 sentence) justification right after your answer (even for NA).

**The checklist answers are an integral part of your paper submission.** They are visible to the reviewers, area chairs, senior area chairs, and ethics reviewers. You will be asked to also include it (after eventual revisions) with the final version of your paper, and its final version will be published with the paper.

The reviewers of your paper will be asked to use the checklist as one of the factors in their evaluation. 179 While "[Yes] " is generally preferable to "[No] ", it is perfectly acceptable to answer "[No] " provided a 180 proper justification is given (e.g., "error bars are not reported because it would be too computationally 181 expensive" or "we were unable to find the license for the dataset we used"). In general, answering 182 "[No] " or "[NA] " is not grounds for rejection. While the questions are phrased in a binary way, we 183 acknowledge that the true answer is often more nuanced, so please just use your best judgment and 184 write a justification to elaborate. All supporting evidence can appear either in the main paper or the 185 supplemental material, provided in appendix. If you answer [Yes] to a question, in the justification 186 please point to the section(s) where related material for the question can be found. 187

- 188 IMPORTANT, please:
- Delete this instruction block, but keep the section heading "NeurIPS paper checklist",
- Keep the checklist subsection headings, questions/answers and guidelines below.
- Do not modify the questions and only use the provided macros for your answers.
- 192 1. Claims
- Question: Do the main claims made in the abstract and introduction accurately reflect the paper's contributions and scope?
- 195 Answer: **[TODO]**
- 196 Justification: **[TODO]** 
  - Guidelines:

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- The answer NA means that the abstract and introduction do not include the claims made in the paper.
- The abstract and/or introduction should clearly state the claims made, including the contributions made in the paper and important assumptions and limitations. A No or NA answer to this question will not be perceived well by the reviewers.
  - The claims made should match theoretical and experimental results, and reflect how much the results can be expected to generalize to other settings.
  - It is fine to include aspirational goals as motivation as long as it is clear that these goals are not attained by the paper.

#### 2. Limitations

Question: Does the paper discuss the limitations of the work performed by the authors?

- 209 Answer: **[TODO]**
- 210 Justification: [TODO]

211	Guidelines:
212	• The answer NA means that the paper has no limitation while the answer No means that
213	the paper has limitations, but those are not discussed in the paper.
214	• The authors are encouraged to create a separate "Limitations" section in their paper.
215	• The paper should point out any strong assumptions and how robust the results are to
216	violations of these assumptions (e.g., independence assumptions, noiseless settings,
217	model well-specification, asymptotic approximations only holding locally). The authors
218	should reflect on how these assumptions might be violated in practice and what the
219	implications would be.
220	• The authors should reflect on the scope of the claims made, e.g., if the approach was
221	only tested on a few datasets or with a few runs. In general, empirical results often depend on implicit assumptions, which should be articulated.
222	
223	• The authors should reflect on the factors that influence the performance of the approach. For example, a facial recognition algorithm may perform poorly when image resolution
224 225	is low or images are taken in low lighting. Or a speech-to-text system might not be
226	used reliably to provide closed captions for online lectures because it fails to handle
227	technical jargon.
228	• The authors should discuss the computational efficiency of the proposed algorithms
229	and how they scale with dataset size.
230	• If applicable, the authors should discuss possible limitations of their approach to
231	address problems of privacy and fairness.
232	• While the authors might fear that complete honesty about limitations might be used by
233	reviewers as grounds for rejection, a worse outcome might be that reviewers discover
234	limitations that aren't acknowledged in the paper. The authors should use their best
235	judgment and recognize that individual actions in favor of transparency play an impor-
236	tant role in developing norms that preserve the integrity of the community. Reviewers
237	will be specifically instructed to not penalize honesty concerning limitations.
238 3.	Theory Assumptions and Proofs
239	Question: For each theoretical result, does the paper provide the full set of assumptions and
240	a complete (and correct) proof?
241	Answer: [TODO]
242	Justification: [TODO]
243	Guidelines:
244	• The answer NA means that the paper does not include theoretical results.
245	• All the theorems, formulas, and proofs in the paper should be numbered and cross-
246	referenced.
247	• All assumptions should be clearly stated or referenced in the statement of any theorems.
248	• The proofs can either appear in the main paper or the supplemental material, but if
249	they appear in the supplemental material, the authors are encouraged to provide a short
250	proof sketch to provide intuition.
251	• Inversely, any informal proof provided in the core of the paper should be complemented
252	by formal proofs provided in appendix or supplemental material.
253	• Theorems and Lemmas that the proof relies upon should be properly referenced.
254 4.	Experimental Result Reproducibility
255	Question: Does the paper fully disclose all the information needed to reproduce the main ex-
256	perimental results of the paper to the extent that it affects the main claims and/or conclusions
257	of the paper (regardless of whether the code and data are provided or not)?
258	Answer: [TODO]
259	Justification: [TODO]
260	Guidelines:
261	• The answer NA means that the paper does not include experiments.

262 263 264	• If the paper includes experiments, a No answer to this question will not be perceived well by the reviewers: Making the paper reproducible is important, regardless of whether the code and data are provided or not.
265 266	• If the contribution is a dataset and/or model, the authors should describe the steps taken to make their results reproducible or verifiable.
	• Depending on the contribution, reproducibility can be accomplished in various ways.
267 268	For example, if the contribution is a novel architecture, describing the architecture fully
269	might suffice, or if the contribution is a specific model and empirical evaluation, it may
270	be necessary to either make it possible for others to replicate the model with the same
271	dataset, or provide access to the model. In general. releasing code and data is often
272	one good way to accomplish this, but reproducibility can also be provided via detailed
273	instructions for how to replicate the results, access to a hosted model (e.g., in the case
274	of a large language model), releasing of a model checkpoint, or other means that are
275	appropriate to the research performed.
276	• While NeurIPS does not require releasing code, the conference does require all submis-
277	sions to provide some reasonable avenue for reproducibility, which may depend on the
278	nature of the contribution. For example
279	(a) If the contribution is primarily a new algorithm, the paper should make it clear how
280	to reproduce that algorithm.
281	(b) If the contribution is primarily a new model architecture, the paper should describe the architecture clearly and fully.
282	(c) If the contribution is a new model (e.g., a large language model), then there should
283 284	either be a way to access this model for reproducing the results or a way to reproduce
285	the model (e.g., with an open-source dataset or instructions for how to construct
286	the dataset).
287	(d) We recognize that reproducibility may be tricky in some cases, in which case
288	authors are welcome to describe the particular way they provide for reproducibility.
289	In the case of closed-source models, it may be that access to the model is limited in
290	some way (e.g., to registered users), but it should be possible for other researchers
291	to have some path to reproducing or verifying the results.
292	5. Open access to data and code
293	Question: Does the paper provide open access to the data and code, with sufficient instruc-
294 295	tions to faithfully reproduce the main experimental results, as described in supplemental material?
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296 297	Answer: [TODO] Justification: [TODO]
297	
298	Guidelines:
299	• The answer NA means that paper does not include experiments requiring code.
300	
	• Please see the NeurIPS code and data submission guidelines (https://nips.cc/
301	• Please see the NeurIPS code and data submission guidelines (https://nips.cc/ public/guides/CodeSubmissionPolicy) for more details.
	<ul><li>public/guides/CodeSubmissionPolicy) for more details.</li><li>While we encourage the release of code and data, we understand that this might not be</li></ul>
301	<ul><li>public/guides/CodeSubmissionPolicy) for more details.</li><li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not</li></ul>
301 302 303 304	<ul> <li>public/guides/CodeSubmissionPolicy) for more details.</li> <li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not including code, unless this is central to the contribution (e.g., for a new open-source</li> </ul>
301 302 303	<ul> <li>public/guides/CodeSubmissionPolicy) for more details.</li> <li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not including code, unless this is central to the contribution (e.g., for a new open-source benchmark).</li> </ul>
301 302 303 304 305 306	<ul> <li>public/guides/CodeSubmissionPolicy) for more details.</li> <li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not including code, unless this is central to the contribution (e.g., for a new open-source benchmark).</li> <li>The instructions should contain the exact command and environment needed to run to</li> </ul>
301 302 303 304 305 306 307	<ul> <li>public/guides/CodeSubmissionPolicy) for more details.</li> <li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not including code, unless this is central to the contribution (e.g., for a new open-source benchmark).</li> <li>The instructions should contain the exact command and environment needed to run to reproduce the results. See the NeurIPS code and data submission guidelines (https:</li> </ul>
301 302 303 304 305 306 307 308	<ul> <li>public/guides/CodeSubmissionPolicy) for more details.</li> <li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not including code, unless this is central to the contribution (e.g., for a new open-source benchmark).</li> <li>The instructions should contain the exact command and environment needed to run to reproduce the results. See the NeurIPS code and data submission guidelines (https://nips.cc/public/guides/CodeSubmissionPolicy) for more details.</li> </ul>
301 302 303 304 305 306 307 308 309	<ul> <li>public/guides/CodeSubmissionPolicy) for more details.</li> <li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not including code, unless this is central to the contribution (e.g., for a new open-source benchmark).</li> <li>The instructions should contain the exact command and environment needed to run to reproduce the results. See the NeurIPS code and data submission guidelines (https://nips.cc/public/guides/CodeSubmissionPolicy) for more details.</li> <li>The authors should provide instructions on data access and preparation, including how</li> </ul>
301 302 303 304 305 306 307 308 309 310	<ul> <li>public/guides/CodeSubmissionPolicy) for more details.</li> <li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not including code, unless this is central to the contribution (e.g., for a new open-source benchmark).</li> <li>The instructions should contain the exact command and environment needed to run to reproduce the results. See the NeurIPS code and data submission guidelines (https://nips.cc/public/guides/CodeSubmissionPolicy) for more details.</li> <li>The authors should provide instructions on data access and preparation, including how to access the raw data, preprocessed data, intermediate data, and generated data, etc.</li> </ul>
301 302 303 304 305 306 307 308 309 310 311	<ul> <li>public/guides/CodeSubmissionPolicy) for more details.</li> <li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not including code, unless this is central to the contribution (e.g., for a new open-source benchmark).</li> <li>The instructions should contain the exact command and environment needed to run to reproduce the results. See the NeurIPS code and data submission guidelines (https://nips.cc/public/guides/CodeSubmissionPolicy) for more details.</li> <li>The authors should provide instructions on data access and preparation, including how to access the raw data, preprocessed data, intermediate data, and generated data, etc.</li> <li>The authors should provide scripts to reproduce all experimental results for the new</li> </ul>
301 302 303 304 305 306 307 308 309 310 311 311	<ul> <li>public/guides/CodeSubmissionPolicy) for more details.</li> <li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not including code, unless this is central to the contribution (e.g., for a new open-source benchmark).</li> <li>The instructions should contain the exact command and environment needed to run to reproduce the results. See the NeurIPS code and data submission guidelines (https://nips.cc/public/guides/CodeSubmissionPolicy) for more details.</li> <li>The authors should provide instructions on data access and preparation, including how to access the raw data, preprocessed data, intermediate data, and generated data, etc.</li> <li>The authors should provide scripts to reproduce all experimental results for the new proposed method and baselines. If only a subset of experiments are reproducible, they</li> </ul>
301 302 303 304 305 306 307 308 309 310 311 312 313	<ul> <li>public/guides/CodeSubmissionPolicy) for more details.</li> <li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not including code, unless this is central to the contribution (e.g., for a new open-source benchmark).</li> <li>The instructions should contain the exact command and environment needed to run to reproduce the results. See the NeurIPS code and data submission guidelines (https://nips.cc/public/guides/CodeSubmissionPolicy) for more details.</li> <li>The authors should provide instructions on data access and preparation, including how to access the raw data, preprocessed data, intermediate data, and generated data, etc.</li> <li>The authors should provide scripts to reproduce all experimental results for the new proposed method and baselines. If only a subset of experiments are reproducible, they should state which ones are omitted from the script and why.</li> </ul>
301 302 303 304 305 306 307 308 309 310 311 311	<ul> <li>public/guides/CodeSubmissionPolicy) for more details.</li> <li>While we encourage the release of code and data, we understand that this might not be possible, so "No" is an acceptable answer. Papers cannot be rejected simply for not including code, unless this is central to the contribution (e.g., for a new open-source benchmark).</li> <li>The instructions should contain the exact command and environment needed to run to reproduce the results. See the NeurIPS code and data submission guidelines (https://nips.cc/public/guides/CodeSubmissionPolicy) for more details.</li> <li>The authors should provide instructions on data access and preparation, including how to access the raw data, preprocessed data, intermediate data, and generated data, etc.</li> <li>The authors should provide scripts to reproduce all experimental results for the new proposed method and baselines. If only a subset of experiments are reproducible, they</li> </ul>

316 317	• Providing as much information as possible in supplemental material (appended to the paper) is recommended, but including URLs to data and code is permitted.
318	6. Experimental Setting/Details
319	Question: Does the paper specify all the training and test details (e.g., data splits, hyper-
320	parameters, how they were chosen, type of optimizer, etc.) necessary to understand the
321	results?
322	Answer: [TODO]
323	Justification: [TODO]
324	Guidelines:
325	• The answer NA means that the paper does not include experiments.
326	• The experimental setting should be presented in the core of the paper to a level of detail
327	that is necessary to appreciate the results and make sense of them.
328 329	• The full details can be provided either with the code, in appendix, or as supplemental material.
330	7. Experiment Statistical Significance
331 332	Question: Does the paper report error bars suitably and correctly defined or other appropriate information about the statistical significance of the experiments?
333	Answer: [TODO]
334	Justification: [TODO]
335	Guidelines:
336	• The answer NA means that the paper does not include experiments.
337	• The authors should answer "Yes" if the results are accompanied by error bars, confi-
338	dence intervals, or statistical significance tests, at least for the experiments that support
339	the main claims of the paper.
340	• The factors of variability that the error bars are capturing should be clearly stated (for example, train/test split, initialization, random drawing of some parameter, or overall
341 342	run with given experimental conditions).
343	• The method for calculating the error bars should be explained (closed form formula,
344	call to a library function, bootstrap, etc.)
345	• The assumptions made should be given (e.g., Normally distributed errors).
346	• It should be clear whether the error bar is the standard deviation or the standard error
347	of the mean. • It is OK to report 1-sigma error bars, but one should state it. The authors should
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