

Response to Reviewers

Manuscript title: Enhancing Deep Neural Network Resilience Through Integrated Reliability-Aware Design and Fault-Aware Training

General comment:

Please ensure the results are accurately reported, any overstated conclusions are rewritten and the limitations of the work fully explained.

Response:

The reported results were re-checked against the computed values, no overstated conclusions were found, and the limitations of the work are stated in Section VI.D (Limitations).

Comment 1:

Please note that the Data Availability Statement appears to differ between the manuscript file and the statement provided in the submission system. Kindly check and update the correct statement in both the manuscript and the submission system, ensuring that they are consistent and match exactly.

Additionally, the link provided in the submission system was not accessible. Kindly verify that the link is correct, functional, and accessible.

Response:

The Data Availability Statement in the manuscript has been revised and the identical wording has been entered in the submission system, and the inaccessible link has been replaced with the verified, publicly accessible dataset link.

Comment 2:

We strongly encourage all authors to share their raw data, either by providing it in a supplementary file or depositing it in a public repository and providing the details on how to access it in this section. If you do not wish to share your data, please clearly state this in this section along with a justification. "Data availability" statements can take one of the following forms (or a combination of more than one if required for multiple datasets):

- The datasets generated and/or analysed during the current study are available in the [NAME] repository, [PERSISTENT WEB LINK TO DATASETS]
- The datasets used and/or analysed during the current study available from the corresponding author on reasonable request.
- All data generated or analysed during this study are included in this published article [and its supplementary information files].
- The datasets generated and/or analysed during the current study are not publicly available due [REASON WHY DATA ARE NOT PUBLIC] but are available from the corresponding author on reasonable request.
- The data that support the findings of this study are available from [third party name] but restrictions apply to the availability of these data, which were used under license for the current study, and so are

not publicly available. Data are however available from the authors upon reasonable request and with permission of [third party name].

- No datasets were generated or analysed during the current study.

Response:

The statement has been rewritten in the recommended form, combining the public link for the analysed dataset with a declaration that all data generated in this study are included in the article and are available from the corresponding author on reasonable request.