

# Review of: "Interpreting the loss functions of Artificial neural networks in cancer research"

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**Potential competing interests:** No potential competing interests to declare.

There are many recent papers that investigate the choice of the loss function for classification tasks and report that MSE can also be considered as a valid choice for such tasks, e.g.:

- "Evaluation Of Neural Architectures Trained With Square Loss Vs Cross-entropy In Classification Tasks" by Like Hui, Mikhail Belkin
- "Understanding Square Loss in Training Overparametrized Neural Network Classifiers" by Tianyang Hu, Jun Wang, Wenjia Wang, Zhenguo Li
- "On the interplay between data structure and loss function in classification problems" by Stéphane d'Ascoli, Marylou Gabrié, Levent Sagun, Giulio Biroli
- "Are All Losses Created Equal: A Neural Collapse Perspective" by Jinxin Zhou, Chong You, Xiao Li, Kangning Liu, Sheng Liu, Qing Qu, Zhihui Zhu

Please consider revising your post in light of such recent findings.