Review of: "Artifact Subspace Reconstruction (ASR) for electroencephalography artifact removal must be optimized for each unique dataset"

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The author presented the optimization of artifact subspace reconstruction (ASR) parameter for removal of artifacts from the electroencephalogram (EEG) signals. The author mentioned how the choice of ASR parameter affects the sucess in multivariate autoregressive models with the information theoretic technique. However, there are some concerns regarding the results of the manuscript.

1. The author did not show EEG signals data to prove his points for artifact removal.

2. It is good to show the confidence interval and p-values for mathematical significance of the technique, but there should be some visual data proof for the proposed method.

3. The author has mentioned a thesis (Nyhus, 2010) regarding experimental data, but I could not find any online source of the experimental data. I also could not access the subsequent studies regarding the experiment data for example Bloniasz (2022) and Patel (2020). The links provided regarding mentioned studies in the reference section are not accessible.

I recommend a minor revision for this manuscript and suggests the author to include more concrete and easily accessible source for experimental data. I would appreciate if the author depicts the artifact removal implementation of the ASR technique on EEG signals.