Review of: "Modelling Skeletal Muscle Motor Unit Recruitment Contributions To Contractile Function: Part 1 — Velocity, Force and Power"

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Potential competing interests: No potential competing interests to declare.

(1) Also compare with existing methods which are data-driven, like machine learning techniques.

(2) Motivation is missing.

1) The novelty and contributions of the work should be clearly presented.

2) More comparisons with the SOTA on this topic should be included.

3) A more comprehensive literature review is helpful.

4) The following methods are included for comparison in the introduction section:

(a) Mammography and ultrasound-based dual-modality classification of breast cancer using a hybrid deep learning approach

(b) Automated diagnosis of muscle diseases from EMG signals using an empirical mode decomposition-based method

(c) Automated variational nonlinear chirp mode decomposition for bearing fault diagnosis

(d) A non-parametric approach for multicomponent AM-FM signal analysis

(e) Automatic sleep stages classification based on iterative filtering of electroencephalogram signals

(f) Determination of instantaneous fundamental frequency of speech signals using variational mode decomposition

(g) Speech enhancement based on the mEMD-VMD method

(h) Instantaneous voiced/non-voiced detection in speech signals based on variational mode decomposition

(j) Time-frequency analysis techniques and their applications

5) Please make sure to have the full name of every abbreviation at the first place it appears.

6) It's suggested to conduct statistical analysis for the comparisons.

7) The manuscript contained numerous abbreviations, hindering intuitive reading. It's suggested to minimize their use for clarity.