

# Age Wise Analysis of Electroencephalogram Signals for Different Hand Grips

## DESCRIPTION

An Electroencephalogram (EEG) based system for age wise analysis for different hand grips which required 8 young healthy subjects aged between 19-22 and 8 healthy elderly subjects aged between 79-83 to perform different motor tasks involving a change in grip.

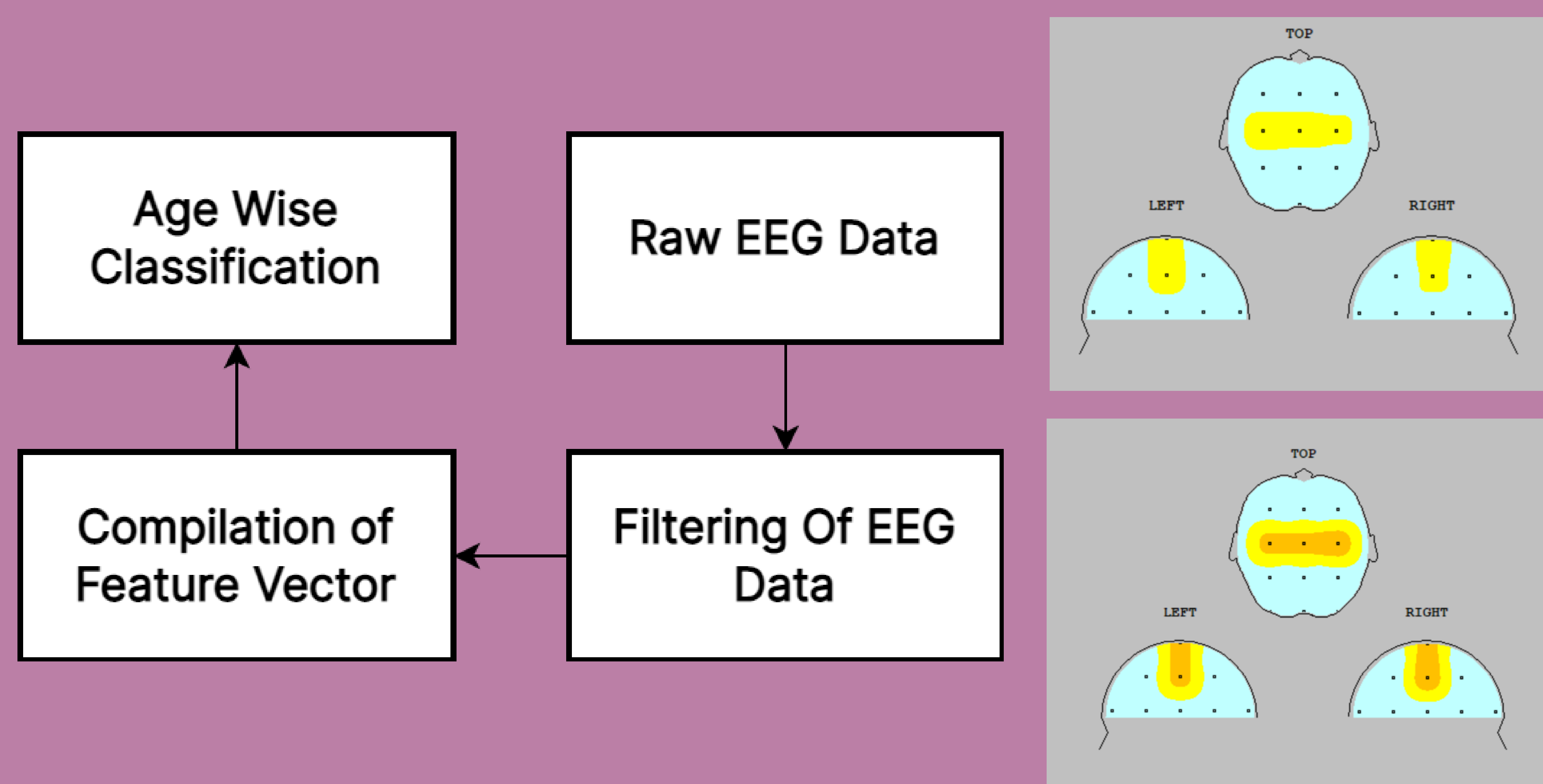
## NOVELTY

- ❖ Performance of actual physical tasks
- ❖ Use of Windowing technique
- ❖ Use of Grid Search
- ❖ Focus on old subjects

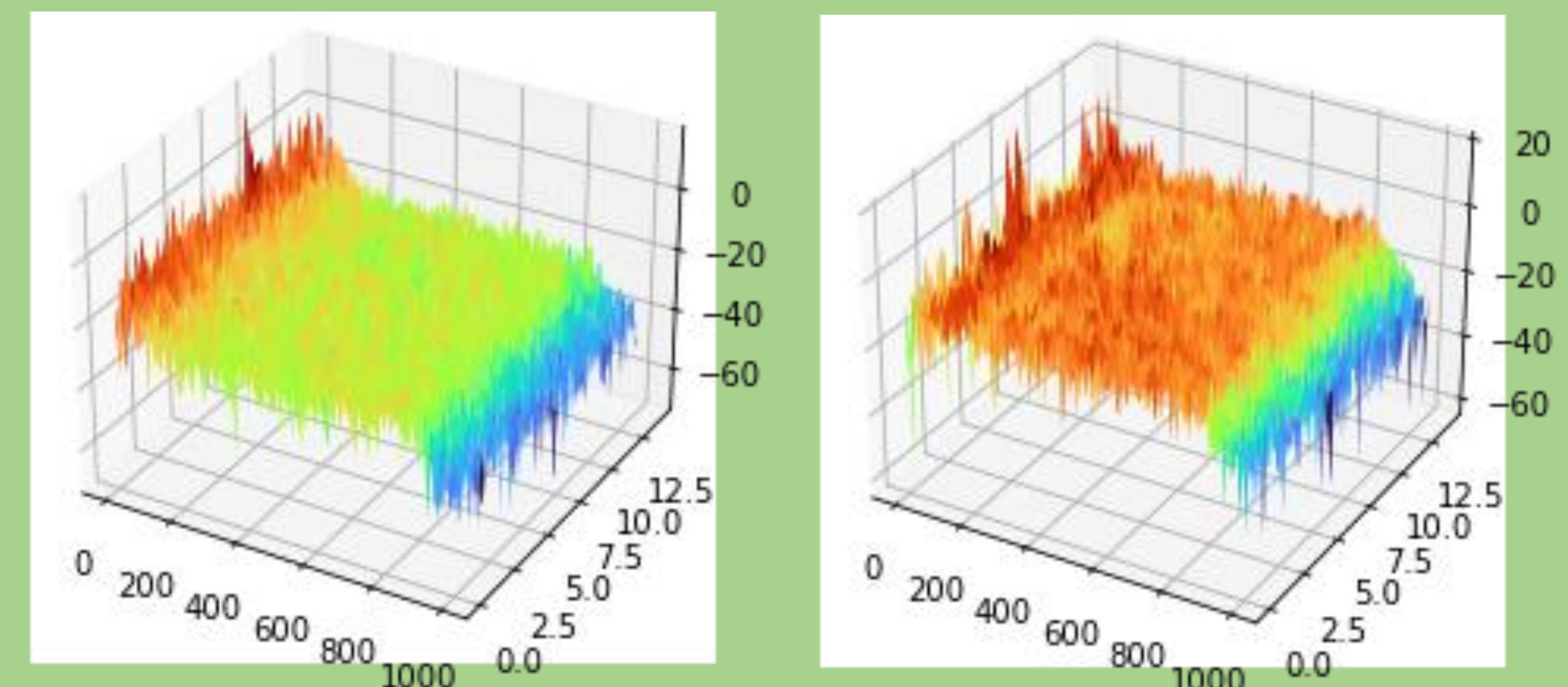
## SPECIFICATIONS

- ❖ 32 channel electrode for recording of the EEG data
- ❖ Placement according to 10-20 international system using 5 channels - A1, A2, C3, C4, and CZ

## BLOCK DIAGRAM AND PHOTOGRAPHS



## RESULTS



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