

Introduction ADHD (attention deficit hyperactivity disorder) is a common neurodevelopmental disorder that affects how people think and behave. It?s been gaining attention lately as researchers look for better ways to detect and manage it early. Machine learning (ML) has emerged as a promising tool for predicting ADHD by analyzing brain signals, specifically electroencephalography (EEG), which records electrical activity in the brain. Studies have shown that features like attention continuity, a nonlinear aspect of EEG, can give clear insights into ADHD symptoms (Allahverdy et al., 2018). Using these EEG features, ML techniques like Logical regression, Decision tree, Randomforest are being employed to classify ADHD. More advanced techniques, such as... (only first 800 chars shown)



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