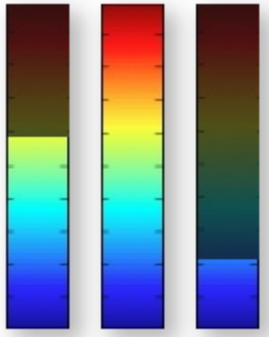
Interpretive Algorithms

Towards applied analysis of EEG signals, QStates software extracts features of EEG data and classifies cognitive states



- Quantitative Cognitive Assessment
- Adaptable to various Cognitive States
- Easily Interpretable Output
- Rapid Learning Algorithm
- Real-Time and Off-Line Analysis
- Individual or Group based Models

QStates has a trainable engine capable of learning any cognitive state for which there is an EEG signature. It has been extensively validated for Mental Workload, Engagment, and Fatigue, but can be used for others as well.

Numerous Applications

- Brain-Computer Interfaces (BCI)
- Neuroscience and Psychological Research
- NeuroErgonomics / Mental Workload
- NeuroFeedback
- NeuroMarketing / NeuroEconomics
- NeuroEducation
- Peak-Performance Training
- Augmented Cognition
- Guided Meditation
- Stress Management
- BioMetric Analysis
- Lie Detection
- Even Gaming!

Wearable Sensing is an actively growing San Diego based company focused on the development of wearable sensing technology and its potential applications. Wearable Sensing's solutions provide the highest signal quality in the most non-intrusive form factors.

Wearable Sensing's first products are wearable wireless dry EEG systems based on technology licensed from Quantum Applied Science and Research (QUASAR). These practical yet high-fidelity systems are opening the door to innovative applications in commercial domains.

* DSI-7 is not intended for use on children

Wearable Sensing is actively expanding the types of sensors it provides and their practical wearable applications. We thus welcome collaborations in the wearable sensing space that will increase wearable sensing capabilities and applications.

WEARABLE Sensing

Dry
Sensor
Interface

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