BESA®
Statistics

Indications for Use

BESA Statistics is a software-only product compatible with personal computers running under a Windows operating system or an emulator thereof. The software is intended to statistically compare results of EEG / MEG data analysis between two groups of subjects or conditions.

BESA Statistics integrates optimally with data that were analyzed in BESA Research, but it can also process data from other software packages as long as they conform to the BESA Statistics file format.

It is possible to compute cross-subject statistics of event-related potentials / fields (ERP / ERF), source waveforms, images, time-frequency data, coherence values and (inter-trial) phase-locking values.

The statistical method is permutation testing on the basis of Student's t-Tests. If applicable, permutation tests run on temporal, frequency and / or spatial clusters, thus enabling the best-possible control of multiple comparisons without restricting statistical power unnecessarily.

BESA Statistics software is licensed for research use only.