**TF and IAF process**

**The definition of TF and IAF point**

TF was computed as the minimum power in the alpha frequency range (5-14Hz)

IAF represents the frequency with the maximum power peak within the extended alpha range (5-14Hz)

**The definition of frequency band**

Theta from TF - 2 to TF

Alpha band from IAF - 2 Hz to IAF +2 Hz

**IBF definition**

IBF is the maximum power density peak between 14-30Hz.

the beta band was from IBF -2 Hz to IBF +2 Hz.

**Step**

1. To find the TF and IAF point
2. To calculate the power of specific frequency range according to the above definition
3. Output file