Table 3. The extracted QEEG features.

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Feature | Number of features | Frequency band |
| Amplitude feature | amplitude\_total\_power  amplitude\_SD  amplitude\_skew  amplitude\_kurtosis  amplitude\_env\_mean  amplitude\_env\_sd  rEEG\_mean  rEEG\_median  rEEG\_lower\_margin  rEEG\_upper\_margin  rEEG\_width  rEEG\_SD  rEEG\_CV  rEEG\_asymmetry | 14 | 4 |
| Spectral feature | spectral\_power  spectral\_relative\_power  spectral\_flatness  spectral\_entropy  spectral\_edge\_frequency | 5 | 4 |
| Connectivity feature | connectivity\_BSI  connectivity\_corr  connectivity\_coh\_mean  connectivity\_coh\_max  connectivity\_coh\_freqmax | 5 | 4 |
| Spectral-related feature | Spectral\_edge\_frequency  Fractal dimension (FD) | 2 | 0.5-30 Hz |
| Interspike interval-related features | IBI\_length\_max  IBI\_length\_median  IBI\_burst\_prc  IBI\_burst\_number | 4 | 0.5-30 Hz |