METHOD

Samples are resampled at 512 Hz

$$\text{fftData} = (\text{powfftF/nb\_samples})^{T}$$
\[ X = \log(\text{fftData}); \]
\[ X_{\text{norm}} = \text{norm}(X); \]
\[ B = \text{jader}(X_{\text{norm}}, \text{pca\_dim}); \]
\[ U = B \times X \]
\[ \text{ImageGridAmp} = U^T \]

To display the frequencies:

```matlab
for i : \text{pca\_dim}
    bar(B(1:110, i));
end
```
• Recording during left hand movements
• in the next slides, on the :
  • **left**: spatial representation of an IC (U data)
  • **bottom**: frequency distribution for each source of this IC
  • **right**: Mean by frequency bands
Correlation with JADE real 10 dim without log