

 $\begin{array}{l} ACC=\{\boldsymbol{x}_{a},\boldsymbol{y}_{a},\boldsymbol{z}_{a}\}\\ GYR=\{\boldsymbol{x}_{g},\boldsymbol{y}_{g},\boldsymbol{z}_{g}\}\\ MAG=\{\boldsymbol{x}_{m},\boldsymbol{y}_{m},\boldsymbol{z}_{m}\} \end{array}$

 $X_a = \{x_1,...,x_N \}$



