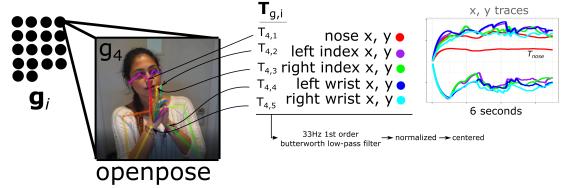
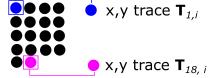
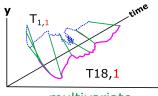


motion tracking



c dynamic time warping (dtw)





multivariate dependent dtw (5x)

 $D_{1.18}$ = cumulative normalized mdtw distance g₁ vs g₁₈

$$D_{1,18} = \sum_{i=1}^{5} \text{mdtw} d(T_{1,i}, T_{18,i})$$

D gesture networks

individual



 $g_1 \dots g_i \dots g_{18}$ dtw 18x18

 g_{18} $D_{18.1}$

D matrix

 $D_{18,i}$

 $D_{i,18}$

multidimensional scaling for visualisation

