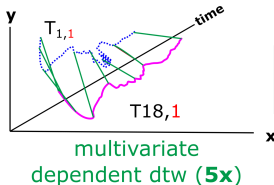
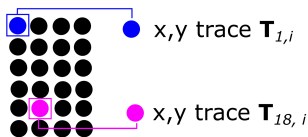


## A dynamic time warping (dtw)

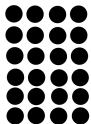


$D_{1,18}$  = cumulative normalized mdtw distance  $g_1$  vs  $g_{18}$

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

## B gesture networks

individual



dtw  
 $D$   
18x18

**D matrix**

	$g_1$	$\dots$	$g_i$	$\dots$	$g_{18}$
$g_1$	0		$D_{1,i}$		$D_{1,18}$
$\vdots$					
$g_i$	$D_{i,1}$		0		$D_{i,18}$
$\vdots$					
$g_{18}$	$D_{18,1}$		$D_{18,i}$		0

dimensionality reduction

