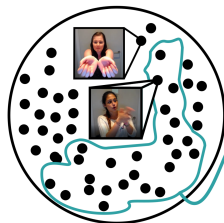
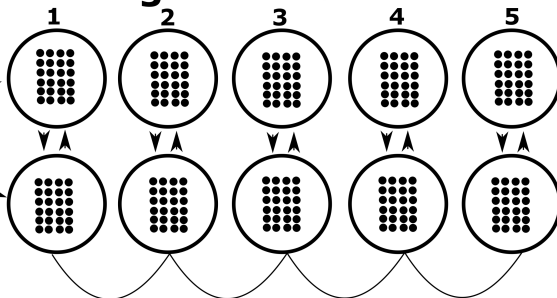
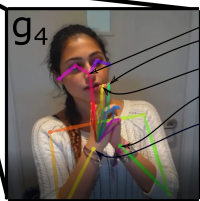
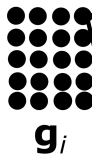


**A****seed**

random balanced  
selection ( $n = 24$ )

**generations****B** **motion tracking**

openpose

 $T_{g,i}$ 
 $T_{4,1}$ 

nose x, y

 $T_{4,2}$ 

left index x, y

 $T_{4,3}$ 

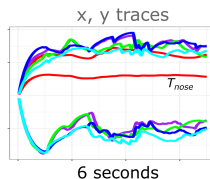
right index x, y

 $T_{4,4}$ 

left wrist x, y

 $T_{4,5}$ 

right wrist x, y



33Hz 1st order  
butterworth low-pass filter → normalized → centered