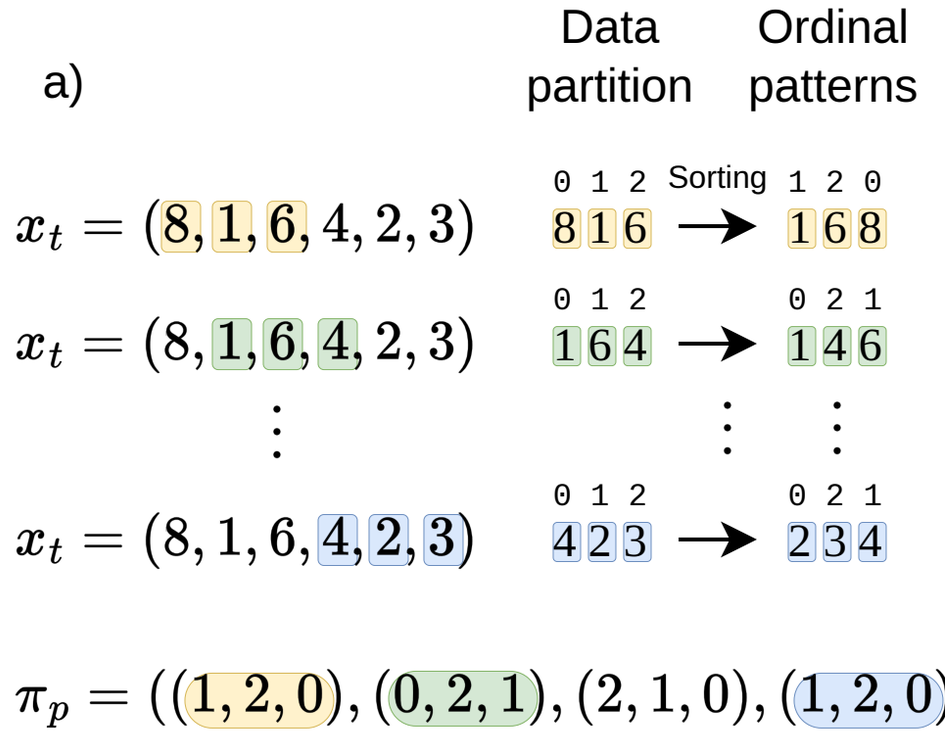
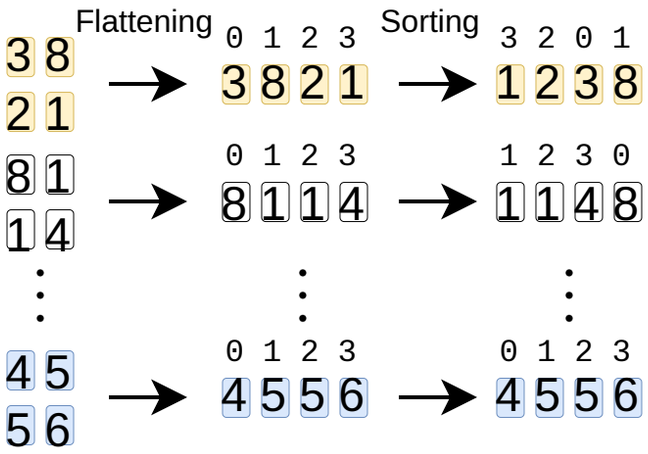

a)
Data partition
Ordinal patterns
Sorting
$x_t = (8, 1, 6, 4, 2, 3)$
$x_t = (8, 1, 6, 4, 2, 3)$
$x_t = (8, 1, 6, 4, 2, 3)$
$\pi_p = ((1, 2, 0), (0, 2, 1), (2, 1, 0), (1, 2, 0)$

b)

$$y_t^u = \begin{pmatrix} 3 & 8 & 1 & 0 \\ 2 & 1 & 4 & 5 \\ 6 & 7 & 5 & 6 \end{pmatrix}$$

Data partition

Ordinal patterns



))

$$\pi_q^p = \begin{pmatrix} (3,2,1,0) & (1,2,3,0) & (1,0,2,3) \\ (1,0,2,3) & (0,1,3,2) & (0,1,2,3) \end{pmatrix}$$