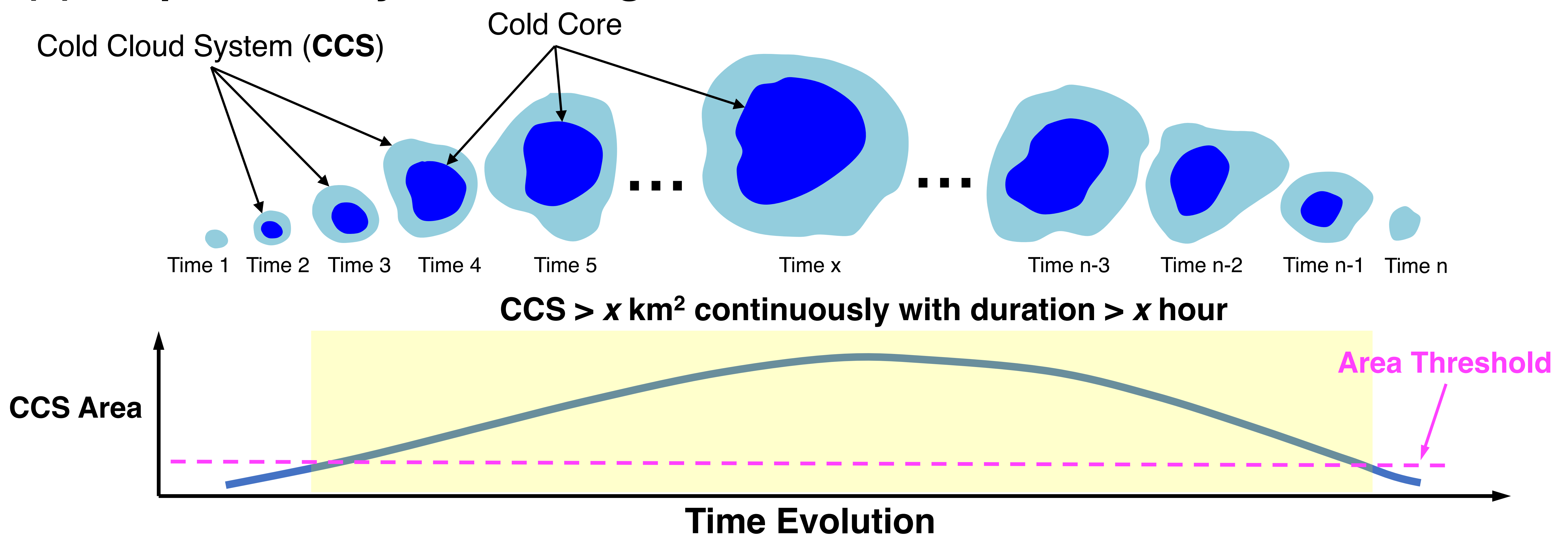


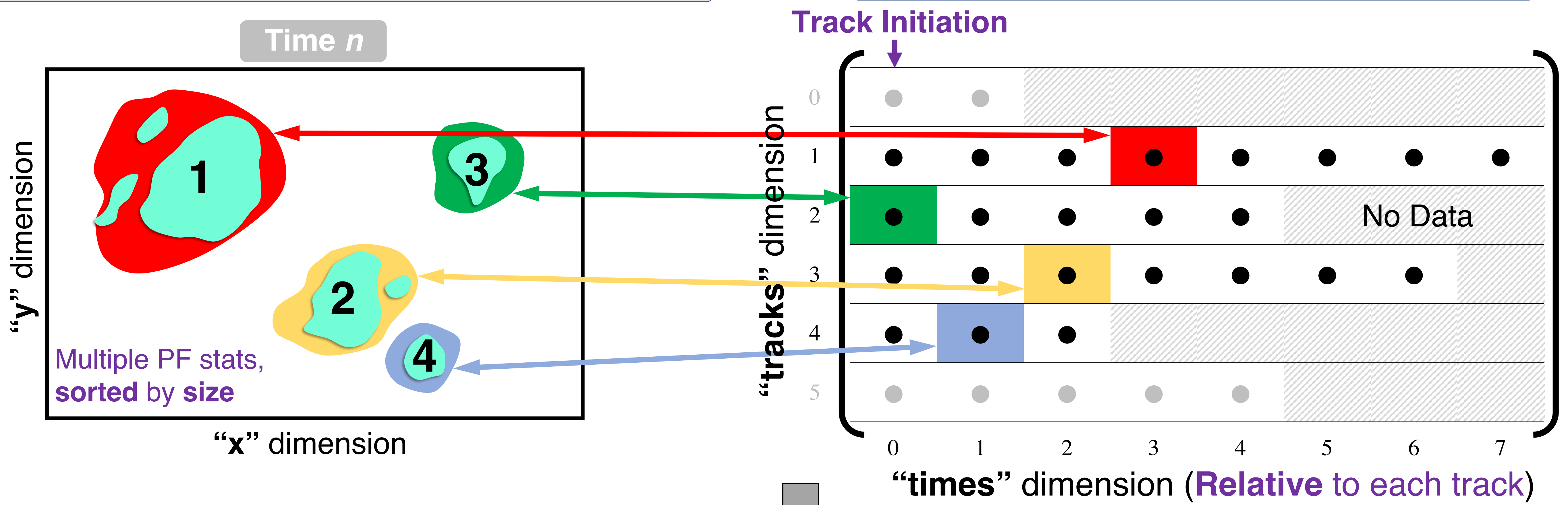
(a) Step-5 Identify MCS using CCS area and duration



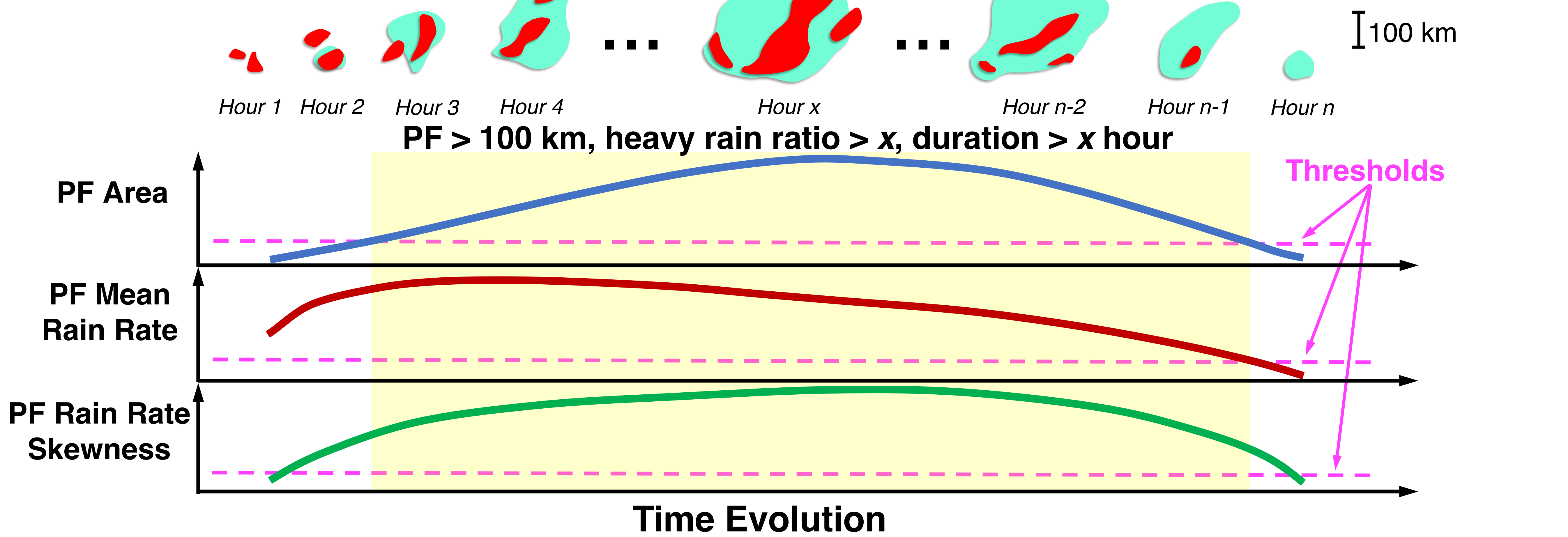
(b) Step-6 Calculate PF statistics within tracked MCS

Calculate PF Statistics (e.g., size, mean, max)

Record PF Track Statistics



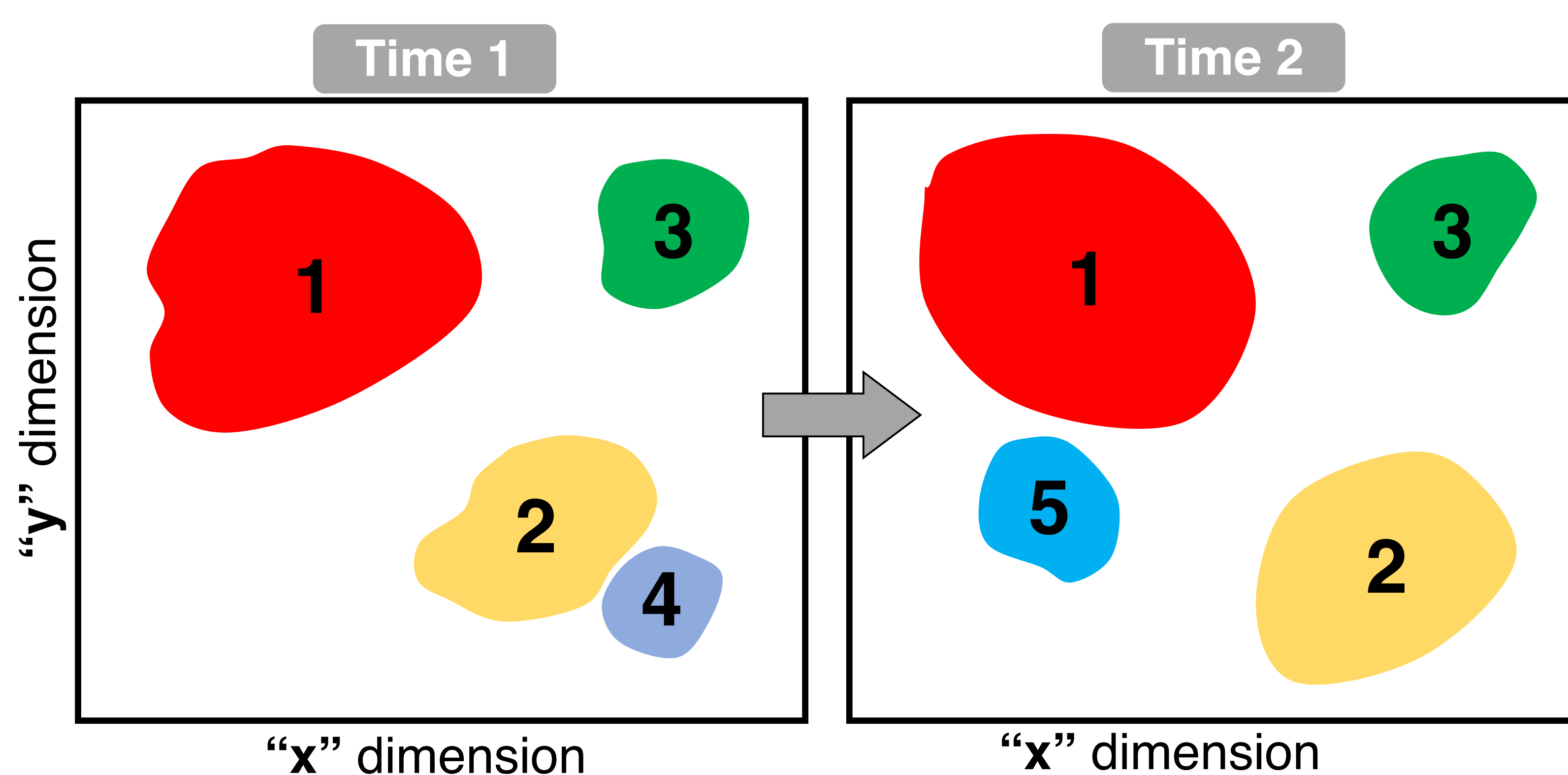
(c) Step-7 Identify robust MCS using PF characteristics



(d) Step-8 Map MCS numbers

Label MCS numbers on native pixel-level files

MCS numbers are the same across times for the same track



(e) Step-9 Calculate Movement

Maximize 2D Cross Correlation

