Task 2: Rim Wiping  $[\mathcal{IBP}\text{-HMM} + \text{SPCM-}\mathcal{CRP}\text{-GMM}]$  for time-series  $\mathbf{x}^{(i)}$  i=1 0.5 -0.5 Time (1,...,T)Task 2: Rim Wiping  $[\mathcal{IBP}\text{-HMM} + SPCM-\mathcal{CRP}\text{-GMM}]$  for time-series  $\mathbf{x}^{(i)}$ 0.5 -0.5Time (1,...,T)Task 2: Rim Wiping  $[\mathcal{IBP}\text{-HMM} + SPCM\mathcal{-CRP}\text{-GMM}]$  for time-series  $\mathbf{x}^{(i)}$ -0.5 Time (1,...,T)Task 2: Rim Wiping  $[\mathcal{IBP}\text{-HMM} + \text{SPCM-}\mathcal{CRP}\text{-GMM}]$  for time-series  $\mathbf{x}^{(i)}$  i=4 0.5 -0.5

Time (1,...,T)