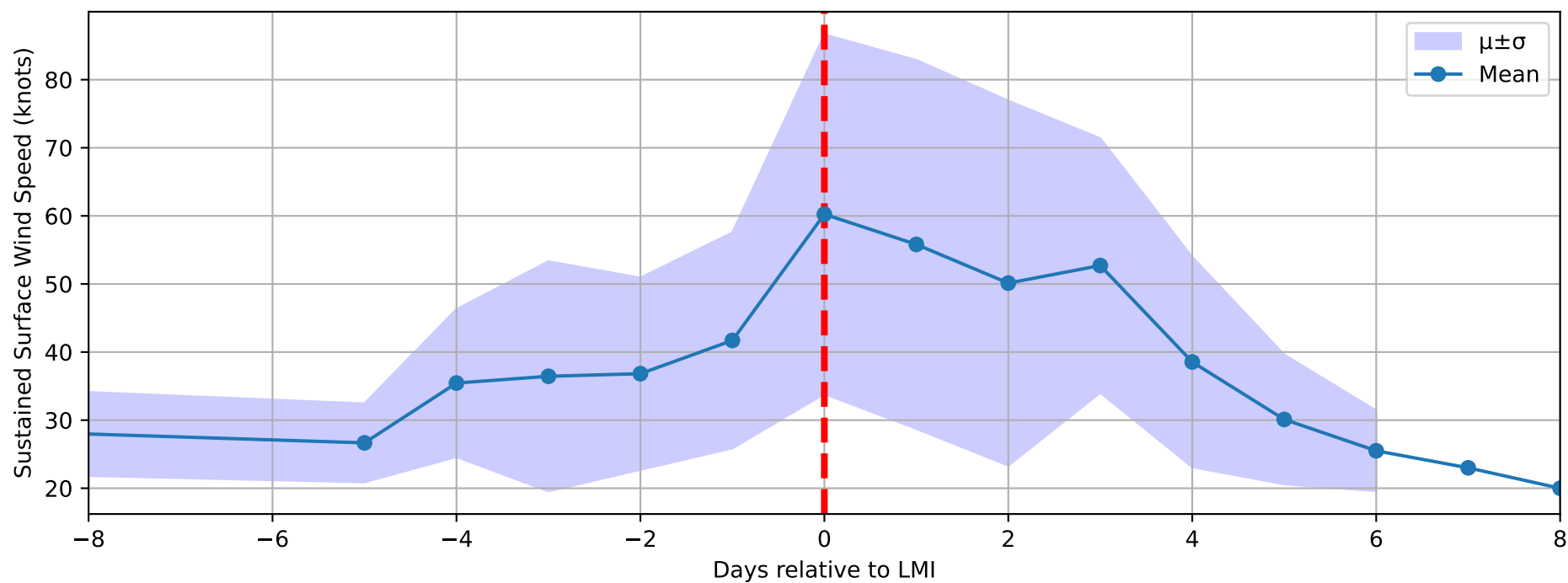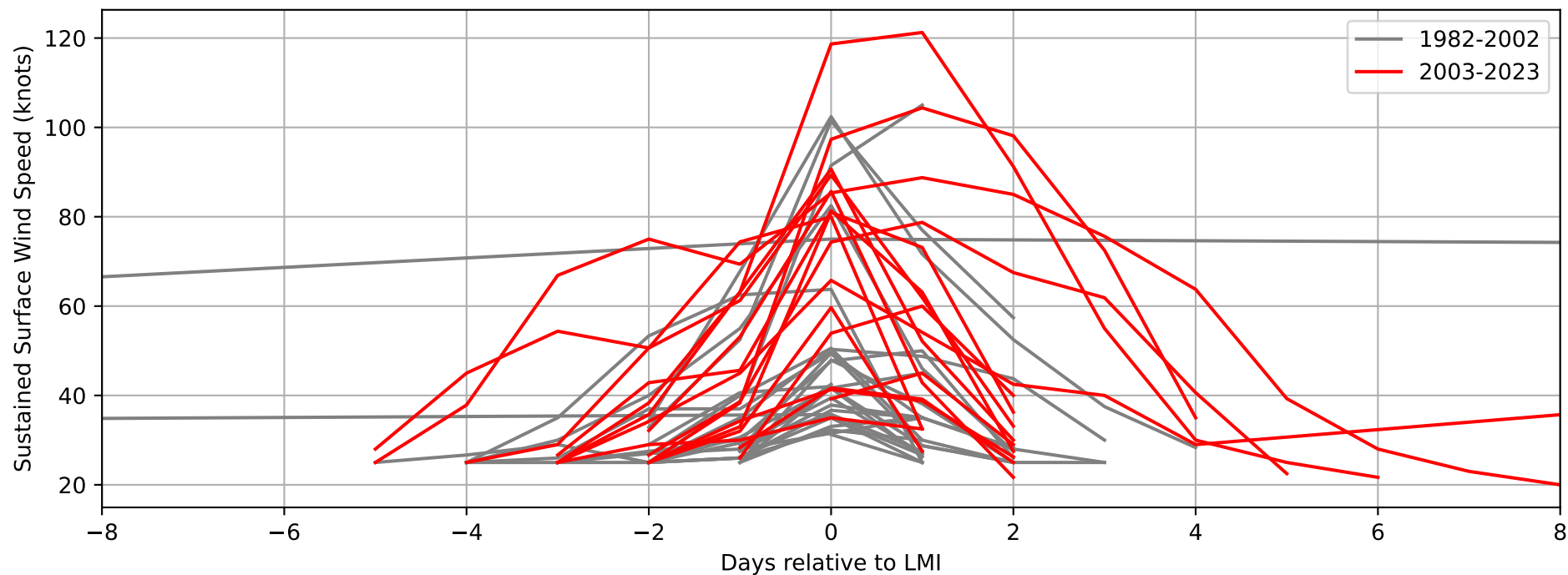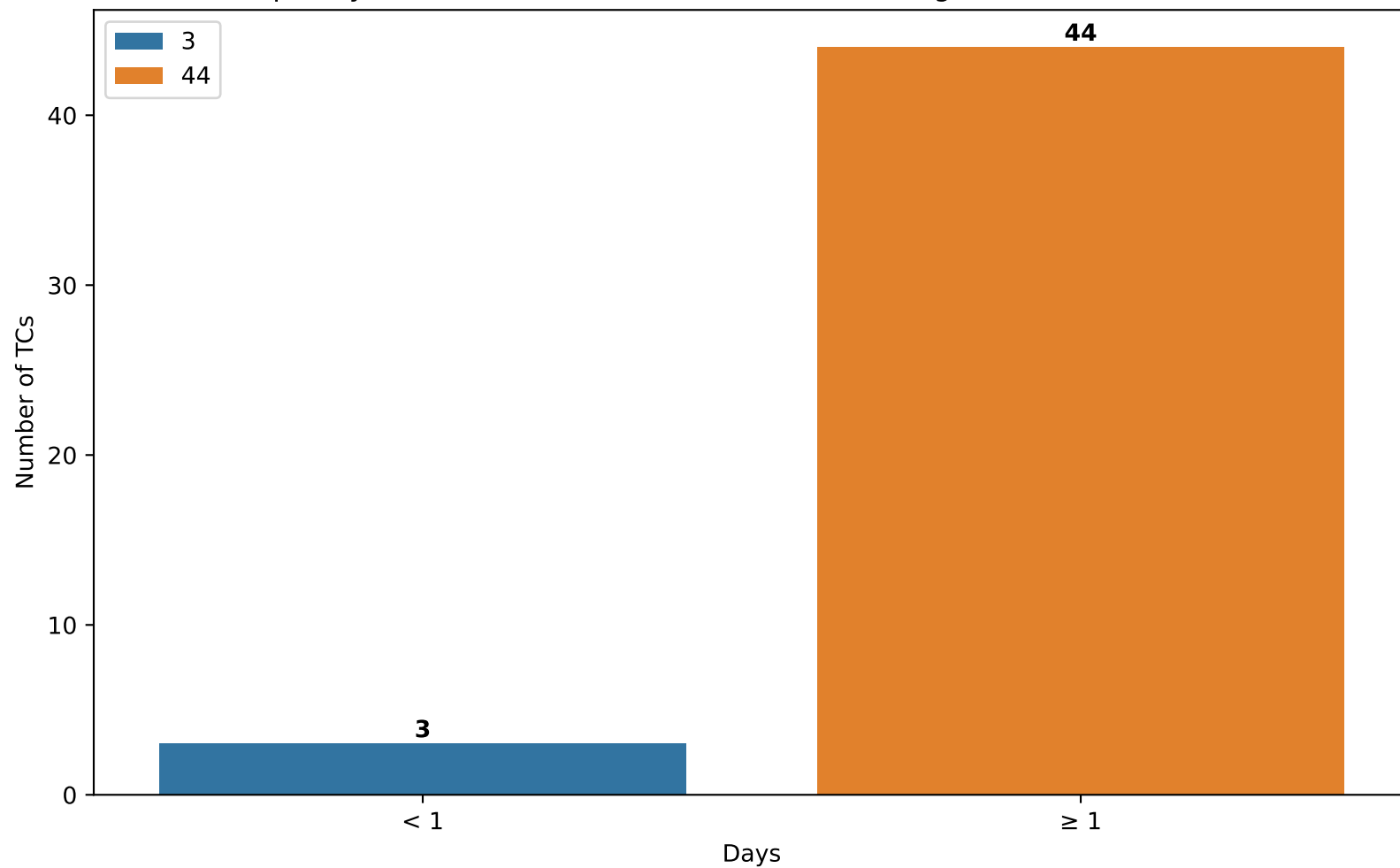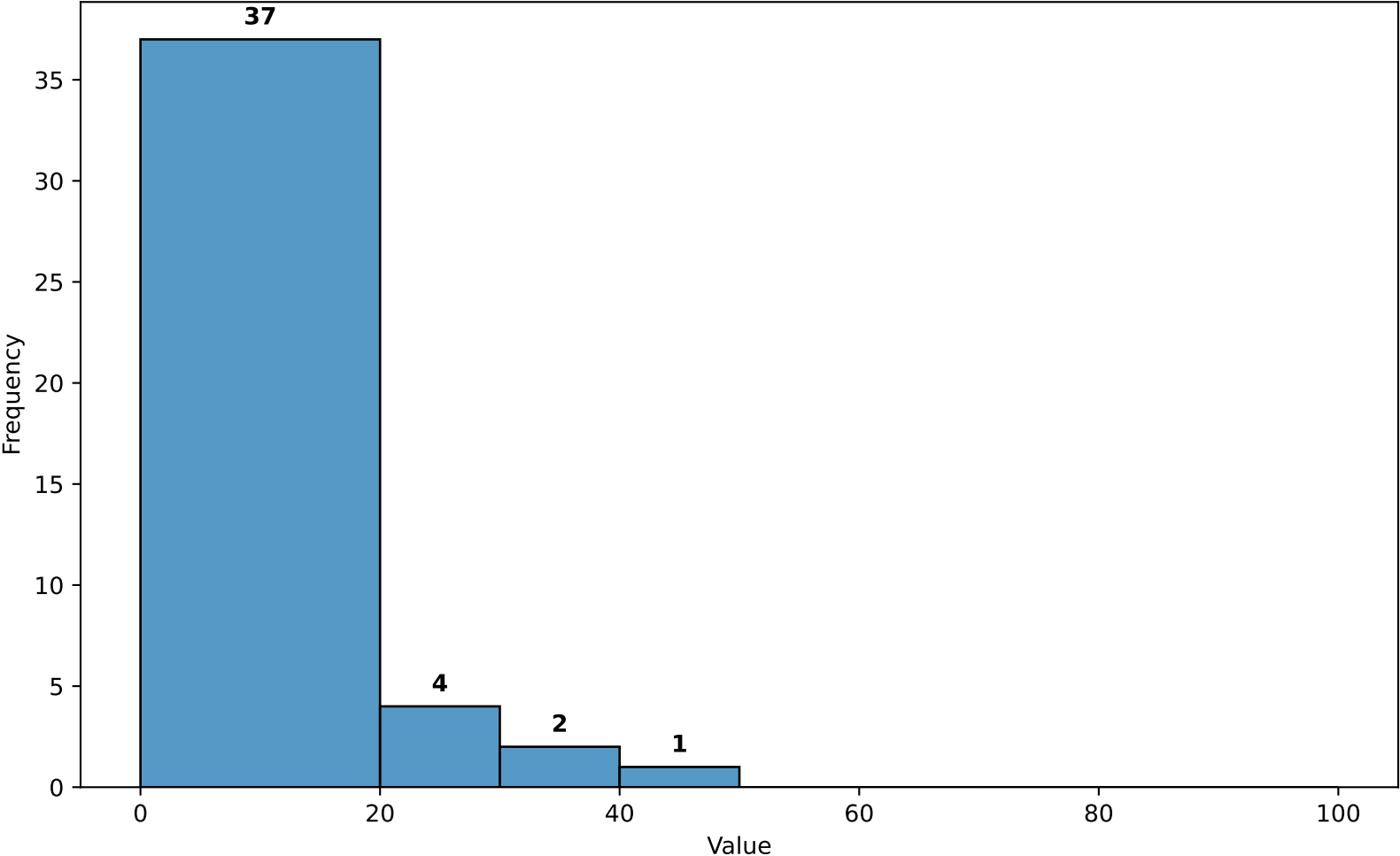Maximum Sustained Wind Speed of TCs in the Arabian Sea
centered at Lifetime Maximum Intensity (LMI) [Data source: IMD]
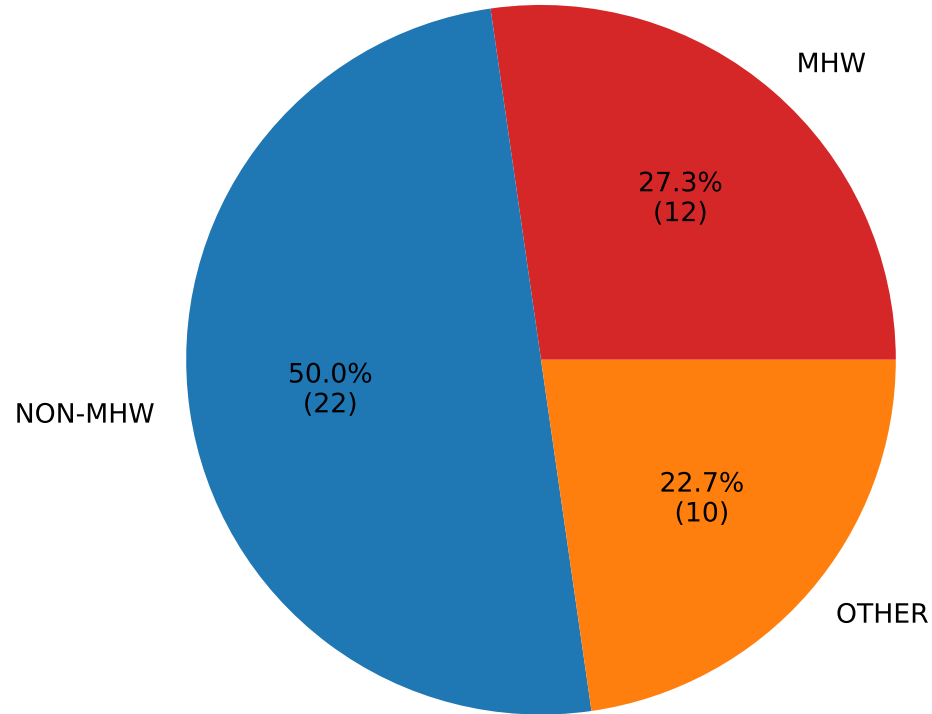
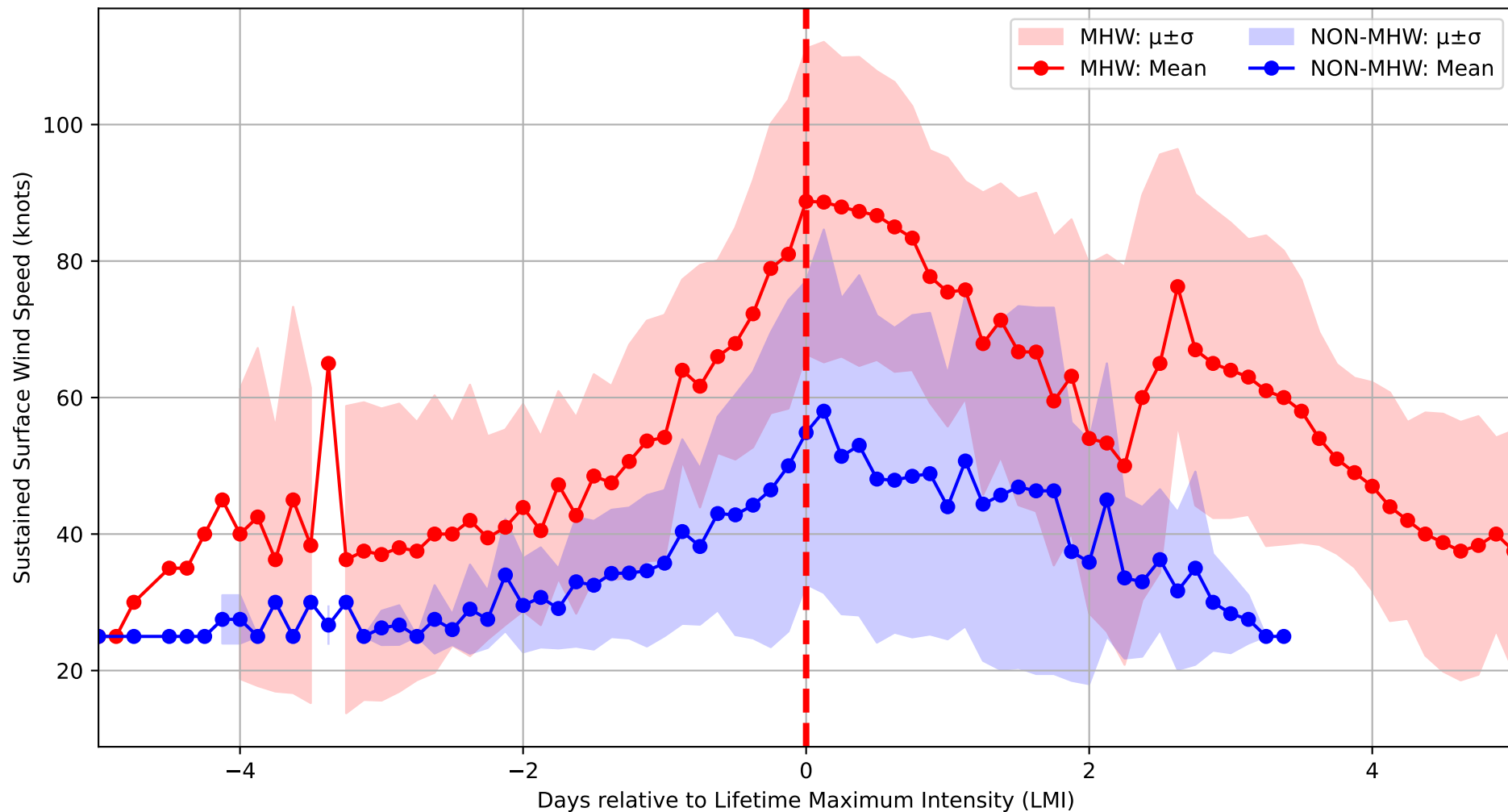Frequency of AS TCs based on time before reaching LMI [Data source: IMD]

Distribution of AS TCs passing over an MHW for 'x' % of its lifetime [Data source: IMD]
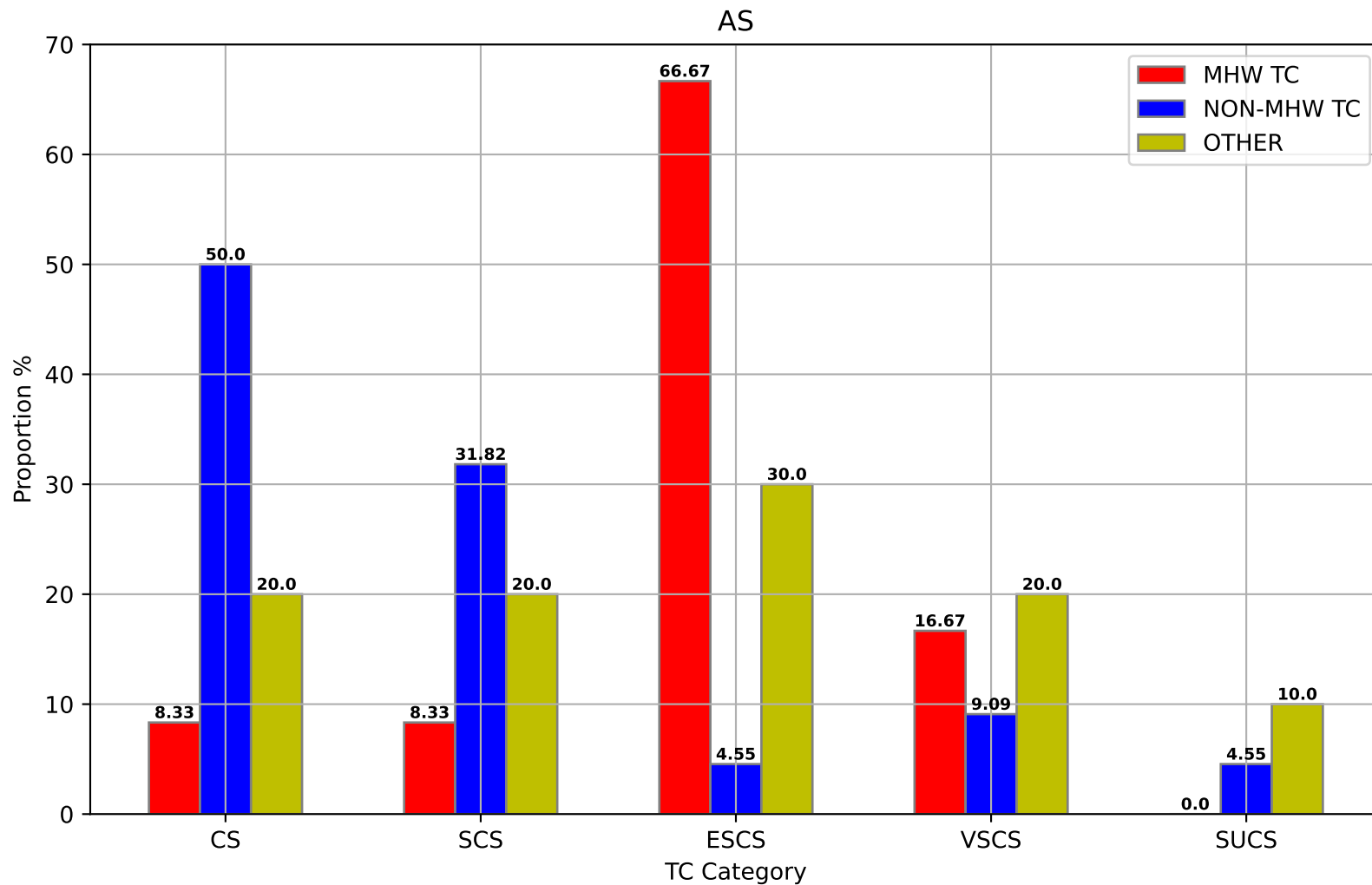
Classification of AS cyclones based on proximity to MHW
Persisted for ≥ 1 days; Distance threshold = 1° [Data source: IMD]
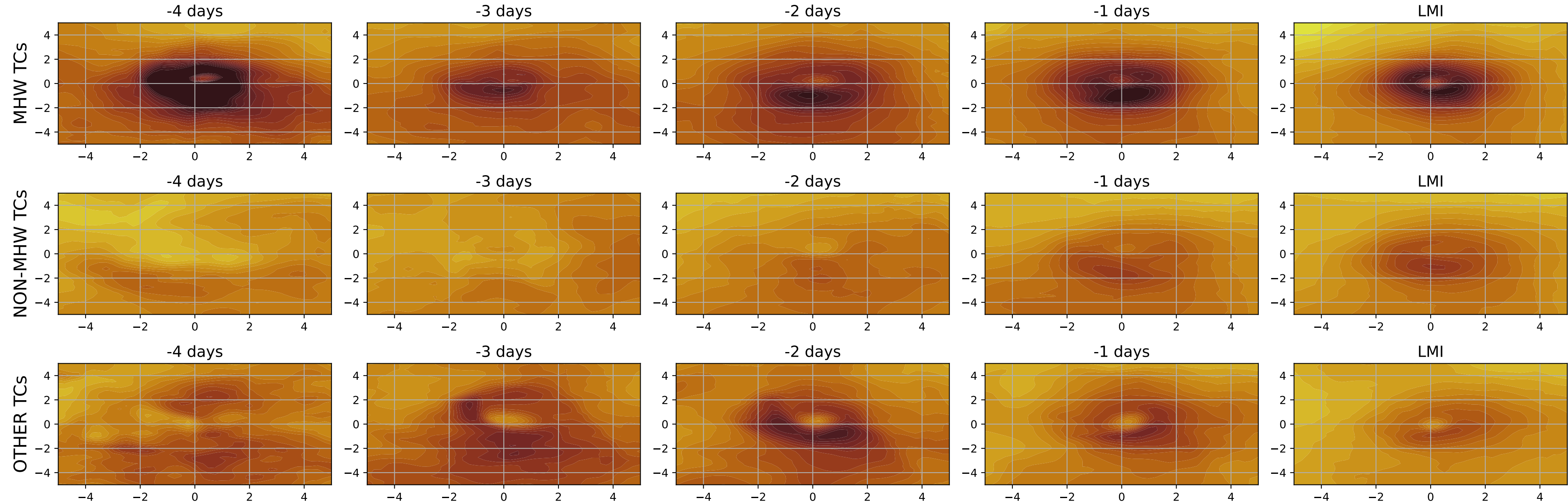
MHW
27.3%
(12)

NON-MHW
50.0%
(22)

OTHER
22.7%
(10)

Classified TCs: Maximum Sustained Wind Speed of TCs in the Arabian Sea [Data source: IMD]
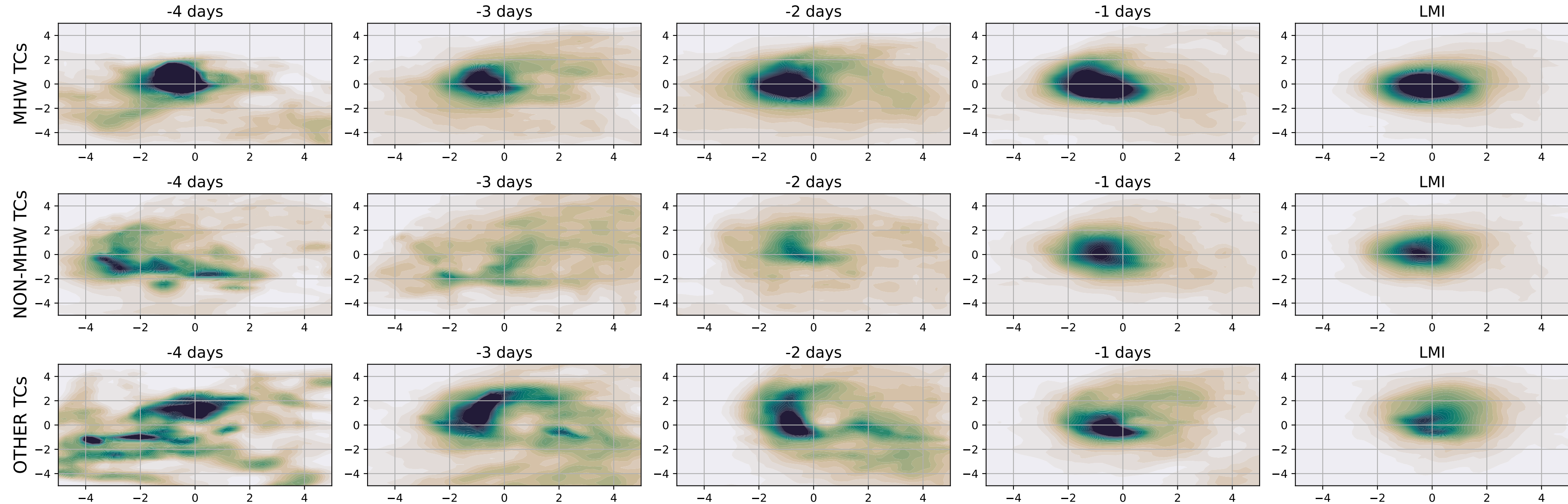(Proximity Threshold = 1° ; Minimum duration before LMI = 1 day(s))

Proportion of TC categories for different TC classes [Data source: IMD | Sub-basin: AS]

Composite mean of surface latent heat flux at different times with respect to LMI Day [Data source: IMD | Sub-basin: AS]

Composite mean of mean total precipitation rate at different times with respect to LMI Day [Data source: IMD | Sub-basin: AS]

Spatial average of composite means at different times with respect to LMI Day [Data source: IMD | Sub-basin: AS]