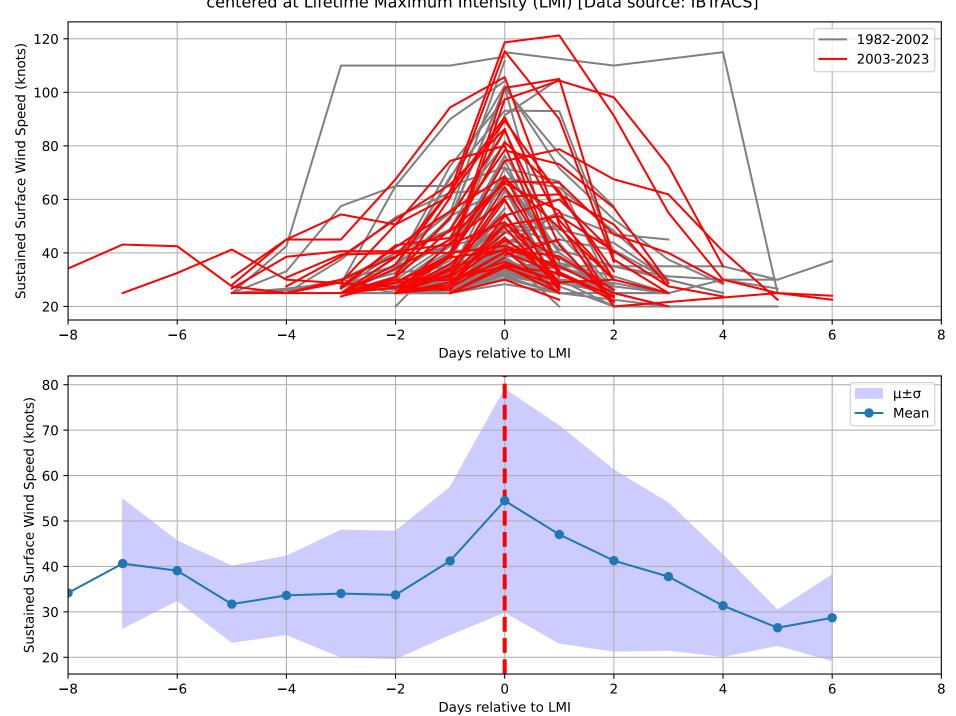
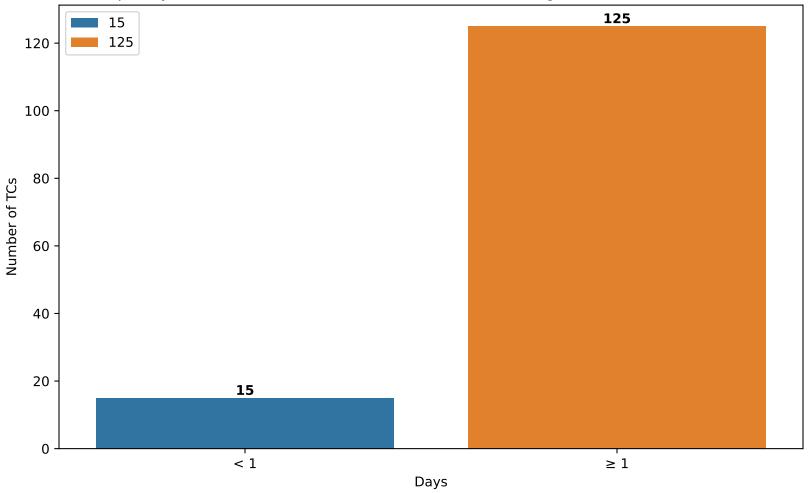
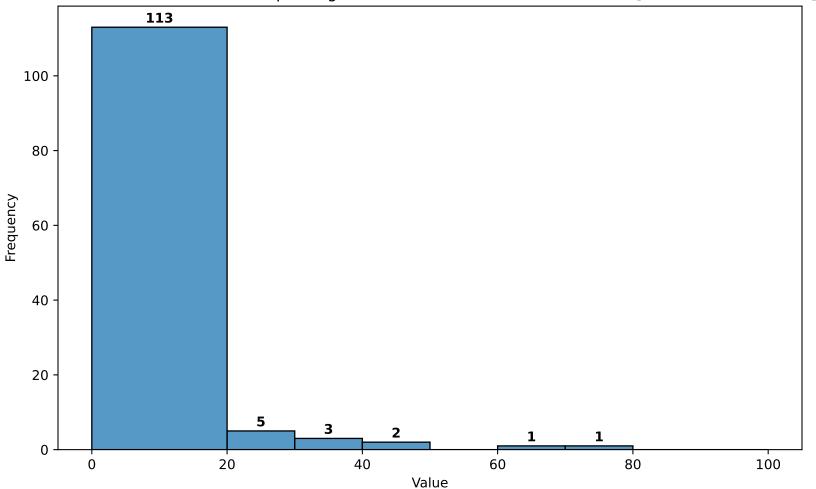
Maximum Sustained Wind Speed of TCs in the Arabian Sea and the Bay of Bengal centered at Lifetime Maximum Intensity (LMI) [Data source: IBTrACS]

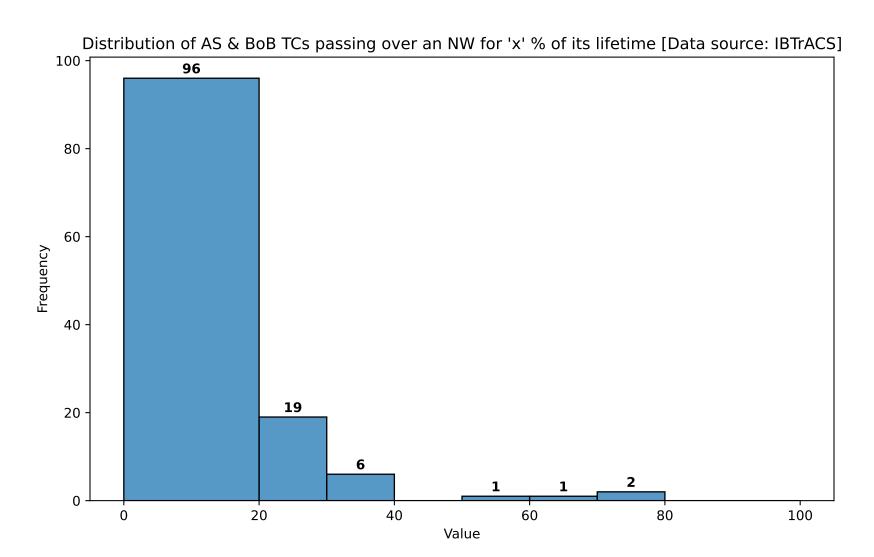


Frequency of AS & BoB TCs based on time before reaching LMI [Data source: IBTrACS]

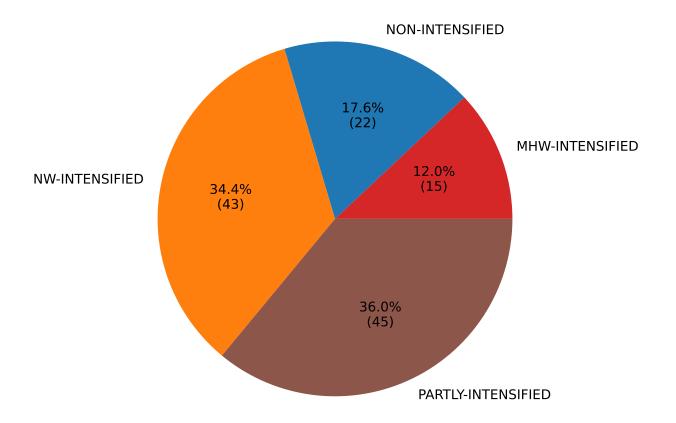


Distribution of AS & BoB TCs passing over an MHW for 'x' % of its lifetime [Data source: IBTrACS]

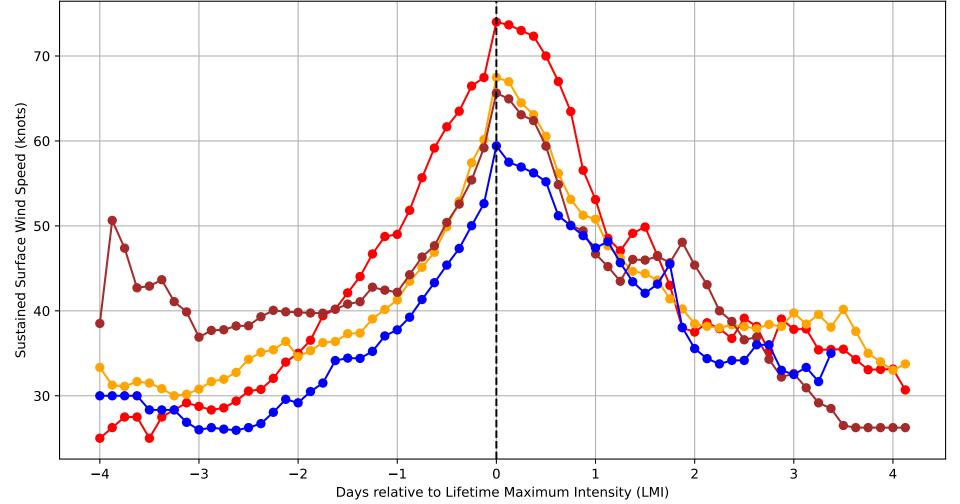


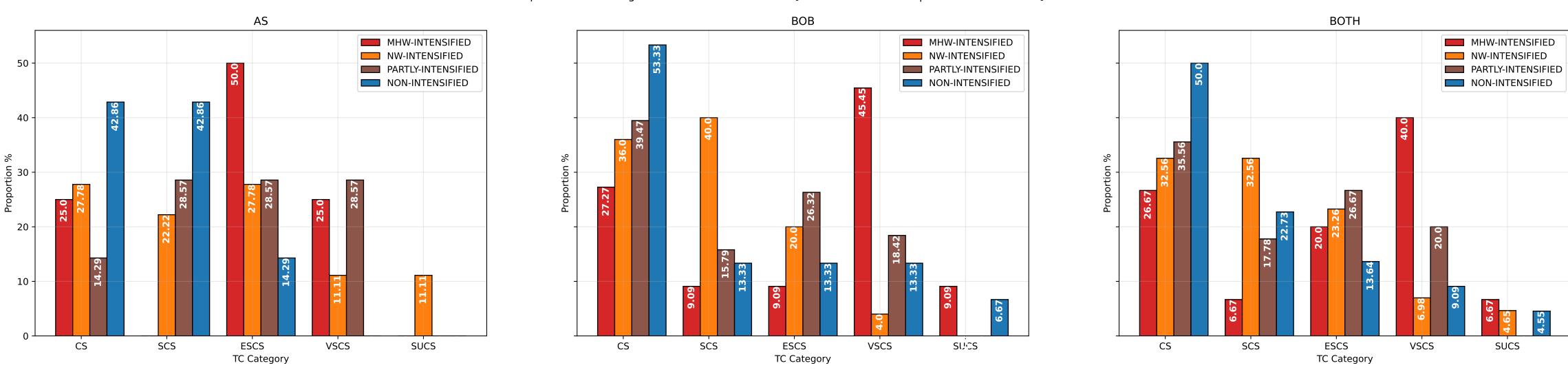


Classification of AS & BoB cyclones based on proximity to MHW (Persisted for  $\geq 1$  days; Distance threshold =  $1^{\circ}$ ) [Data source: IBTrACS]



Classified TCs: Maximum Sustained Wind Speed of TCs in the Arabian Sea and the Bay of Bengal [Data source: IBTrACS] (Proximity Threshold =  $1^{\circ}$ ; Minimum duration before LMI = 1 day(s))





Composite mean of surface latent heat flux at different times with respect to LMI Day [Data source: IBTrACS | Sub-basin: AS & BoB] -2 days -4 days -3 days -1 days LMI WHM-IN LCS <del>-</del>2 -**-**2 **-**2 -4 **-**4 **-**2 **-**2 -2 days -4 days -3 days -1 days LMI NW-INT TCs **-**2 · -2 -2 -2 -4 -4 -3 days -2 days -4 days -1 days LMI BARTLY-INT TCs **-**2 · **-**2 · **-**2 -2 -4 **-**4 -4 **-**2 **-**2 -4 -4 days -3 days -2 days -1 days LMI <del>-</del>2 -**-**2 --2 **-**2 **-**2 -2 **-**2

Composite mean of mean total precipitation rate at different times with respect to LMI Day [Data source: IBTrACS | Sub-basin: AS & BoB] -3 days -2 days -1 days -4 days LMI 2 -2 **-**4 -3 days -2 days -1 days LMI -4 days **NW-INT TCs** -2 **-**2 **-**2 -4 -4 -1 days LMI -4 days -3 days -2 days PARTLY-INT TCs **-**2 **-**2 -2 **-**4 -2 -2 -2 days -4 days -1 days -3 days LMI **-**2 **-**2 **-**2 **-**2 -4

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

