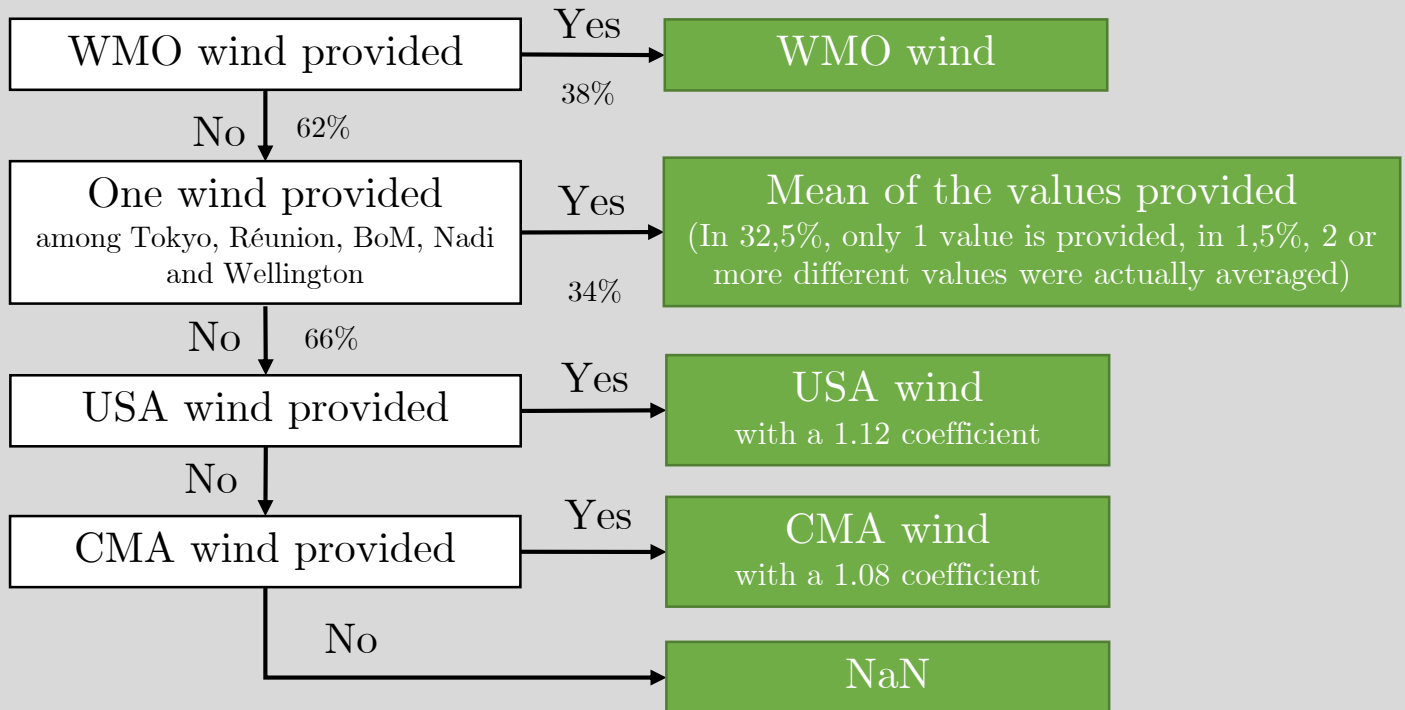




# IBTrACS « since1980 » data (extracted on the 5th of September 2021)

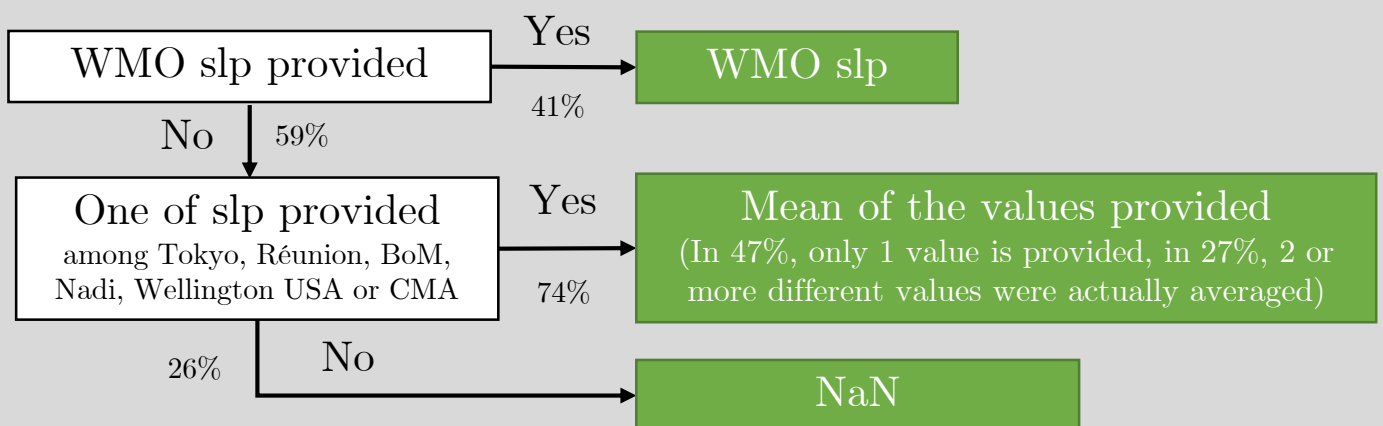
Keep seasons 1980 to 2019 in NH, 1981 to 2019 in SH.  
Drop points labelled as « spur » (1% of all)

## Wind data selection



99.5% of all tracks could be associated with a wind intensity.  
The remaining were dropped.  
Wind are converted to m/s.

## Sea-level pressure (slp) data selection



*Tracks with no slp data (7% of tropical-storm intensity tracks) are not included for those part of the analysis for which storm intensities are needed.*

## Filtering

Frequency filter : Remove points with a higher frequency than 6-hourly.  
Intensity filter: Remove tracks not reaching Tropical Storm stage (16m/s)  
Duration filter : Remove tracks lasting less than one day

## Additional information

Basin identification following Knutson et al. (2020)  
SSHS category identification following Klotzbach et al. (2020)