## Variability of African easterly waves

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It is now well known that African easterly wave activity, defined using variance measures based on filtered winds or rainfall, exhibits marked intraseasonal variability. It varies on time-scales consistent with an influence from the MJO but it also varies on shorter timescales with periods closer to two weeks. We will highlight here the nature of this variability, including how the regional patterns of high and low easterly wave activity vary in association with intraseasonal oscillations. We will also highlight the extent to which the variability is associated with variability of the basic state that supports the waves (e.g. jet instability) compared with variability of rainfall (that triggers waves or amplifies existing waves). We will also include some discussion about the variability of AEW structures and how this may impact downstream tropical cyclogenesis.