



Figure S1. (a)-(l) Climatology of precipitation of TRMM-3B42 (color, 1998-2012) and horizontal wind at 850 hPa of ERA-Interim (arrows, 1979-2017) from January to December. (m) and (n) Climatology of vertically-integrated moisture flux (arrows) and its divergence (color) of ERA-Interim (1979-2017) for MJJAS and NDJFM mean.