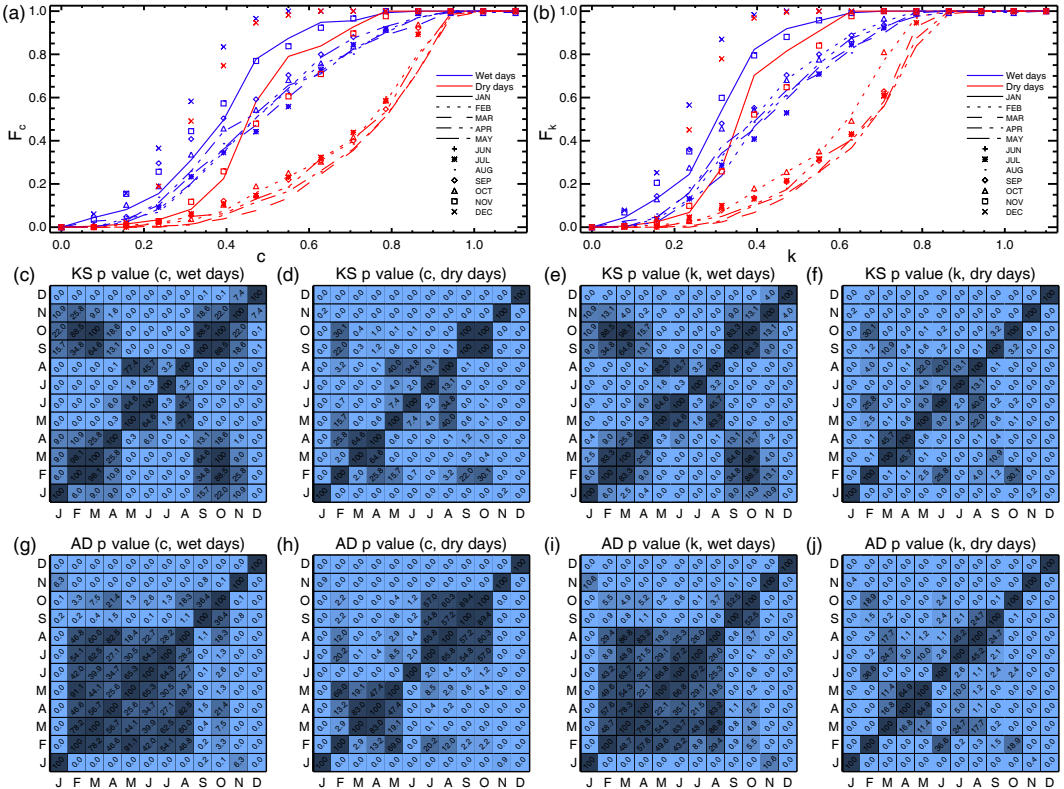AT-Neu ($\phi = 47.12°$)