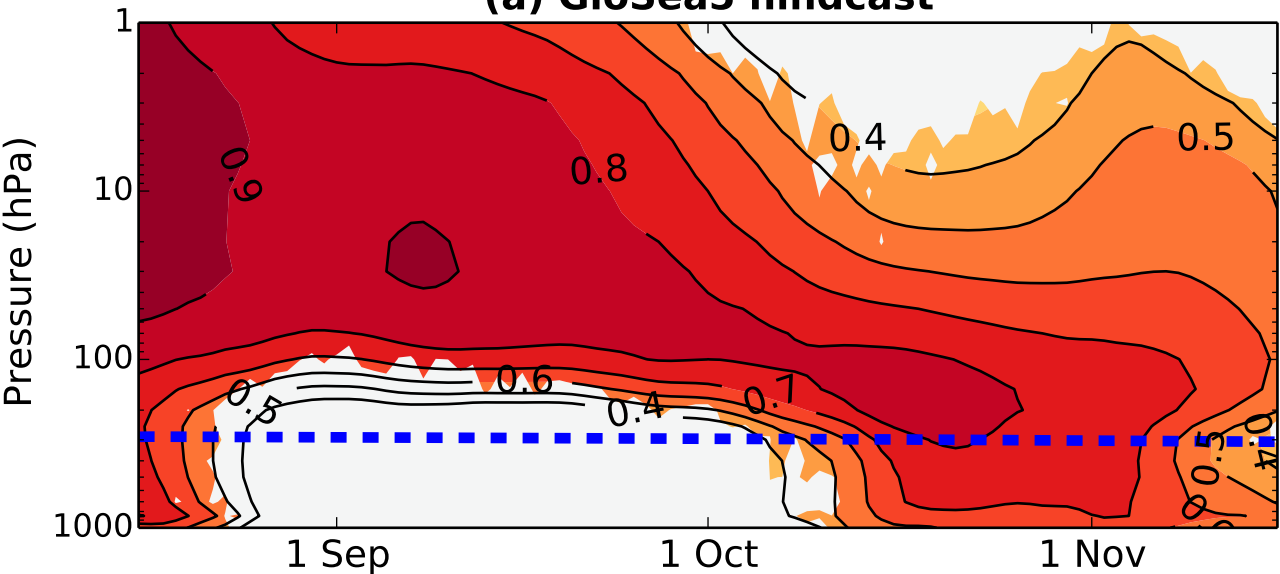
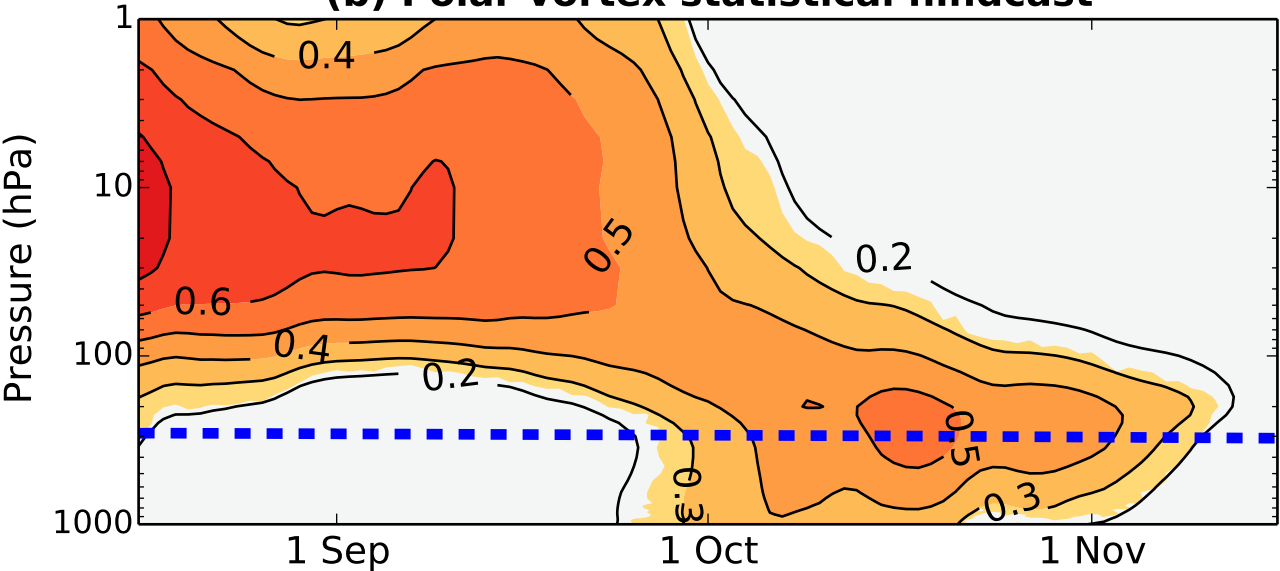


(a) GloSea5 hindcast



(b) Polar vortex statistical hindcast



(c) Nino-4 statistical hindcast

