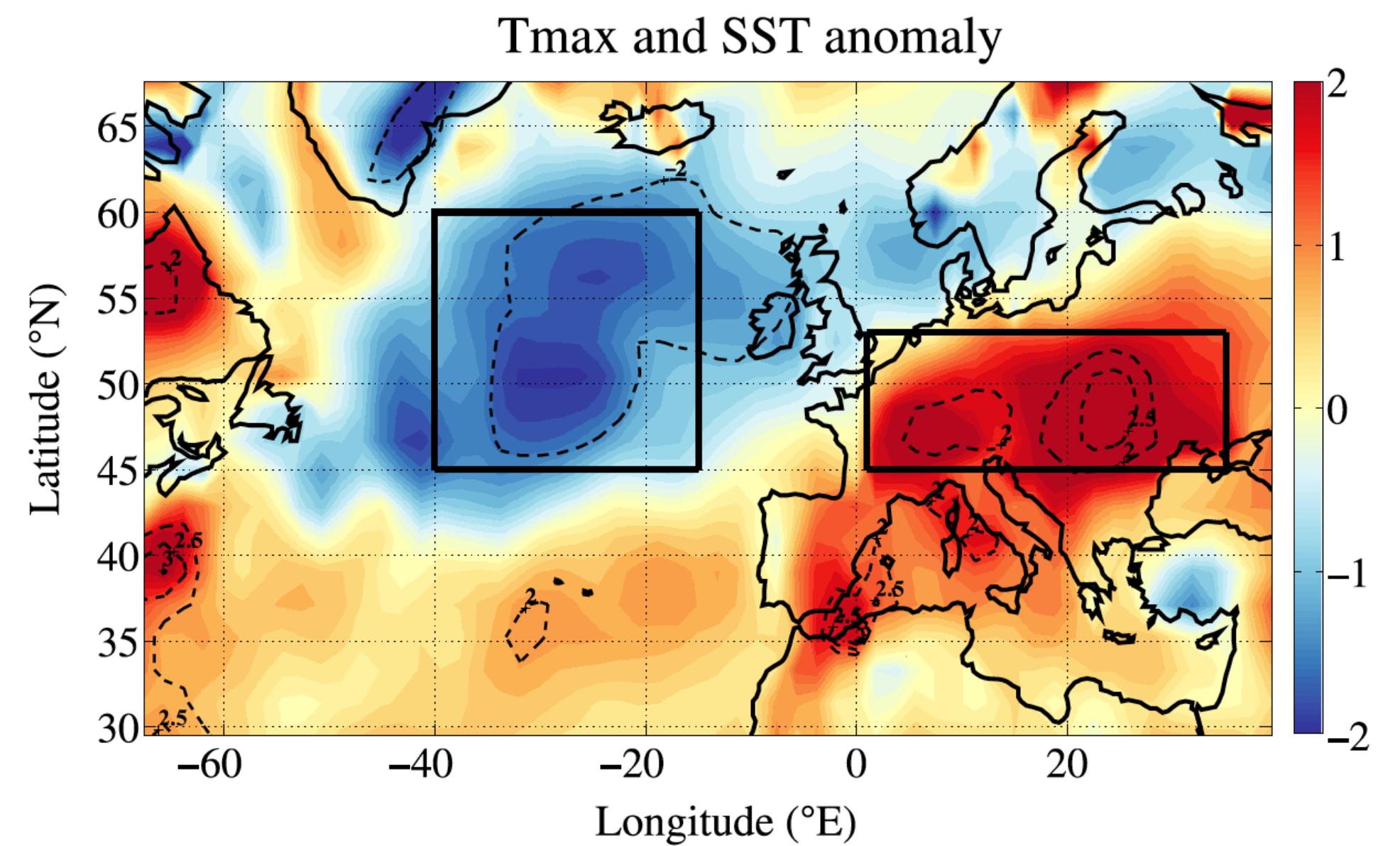
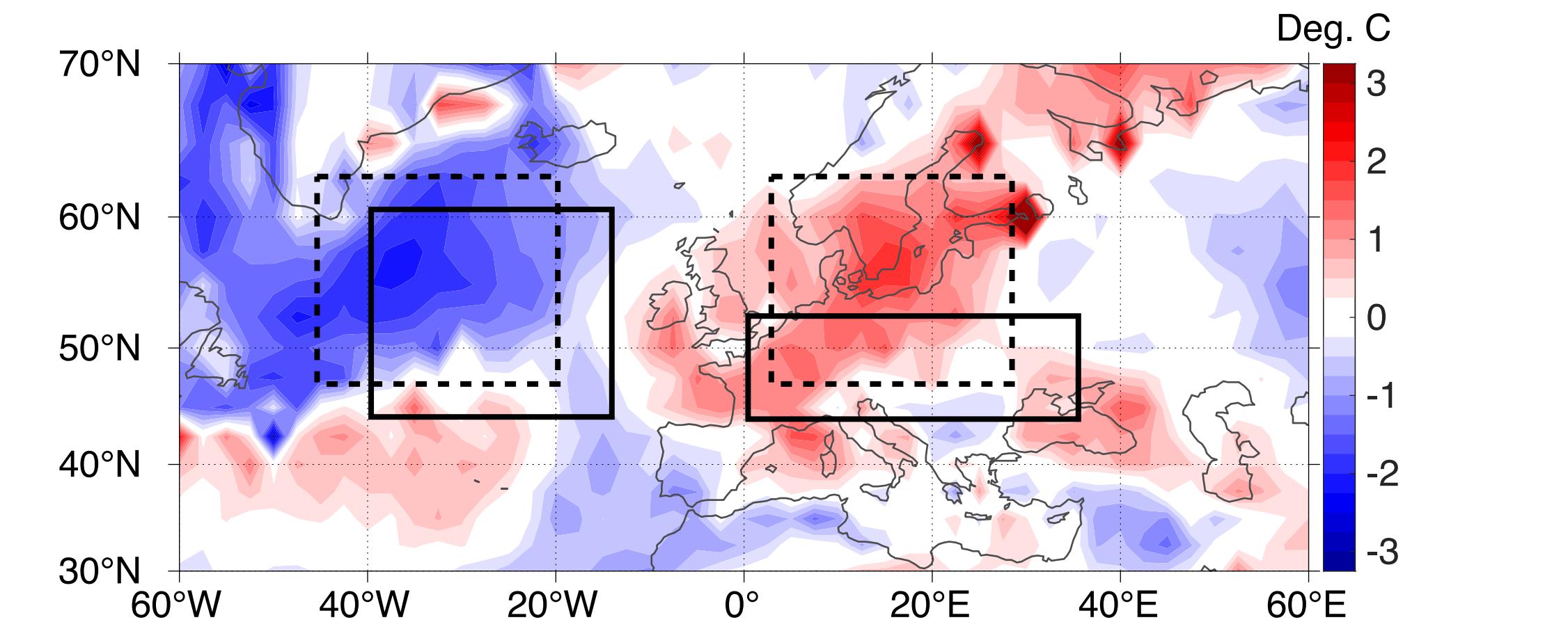


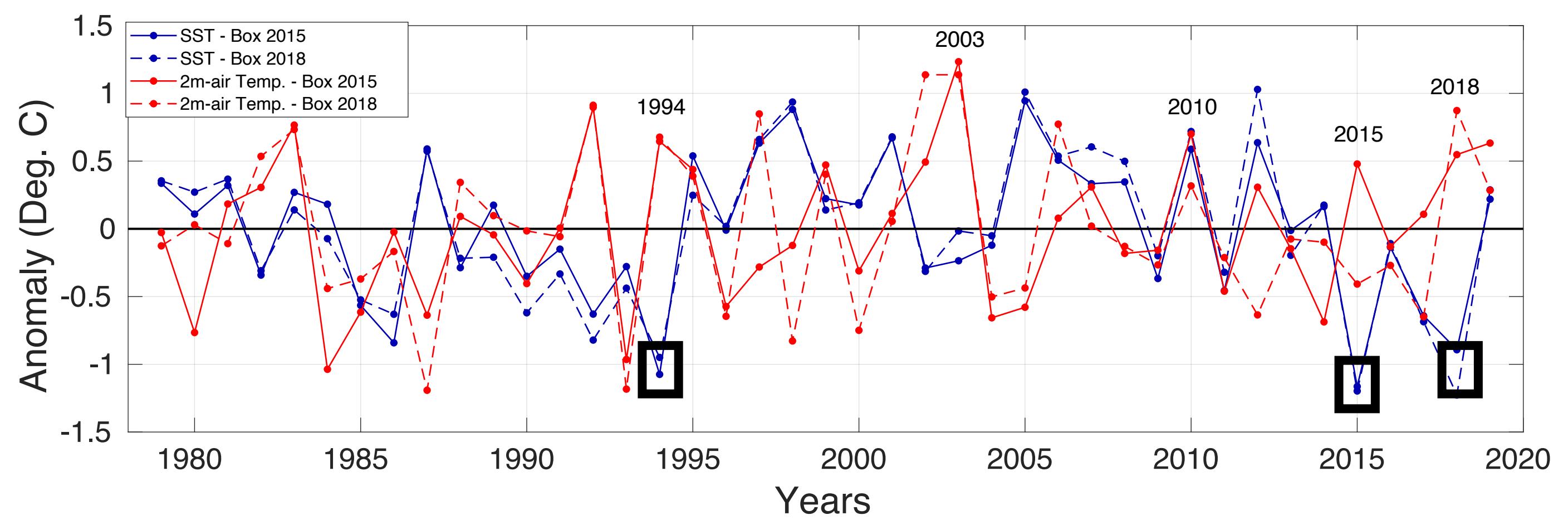
# 2015

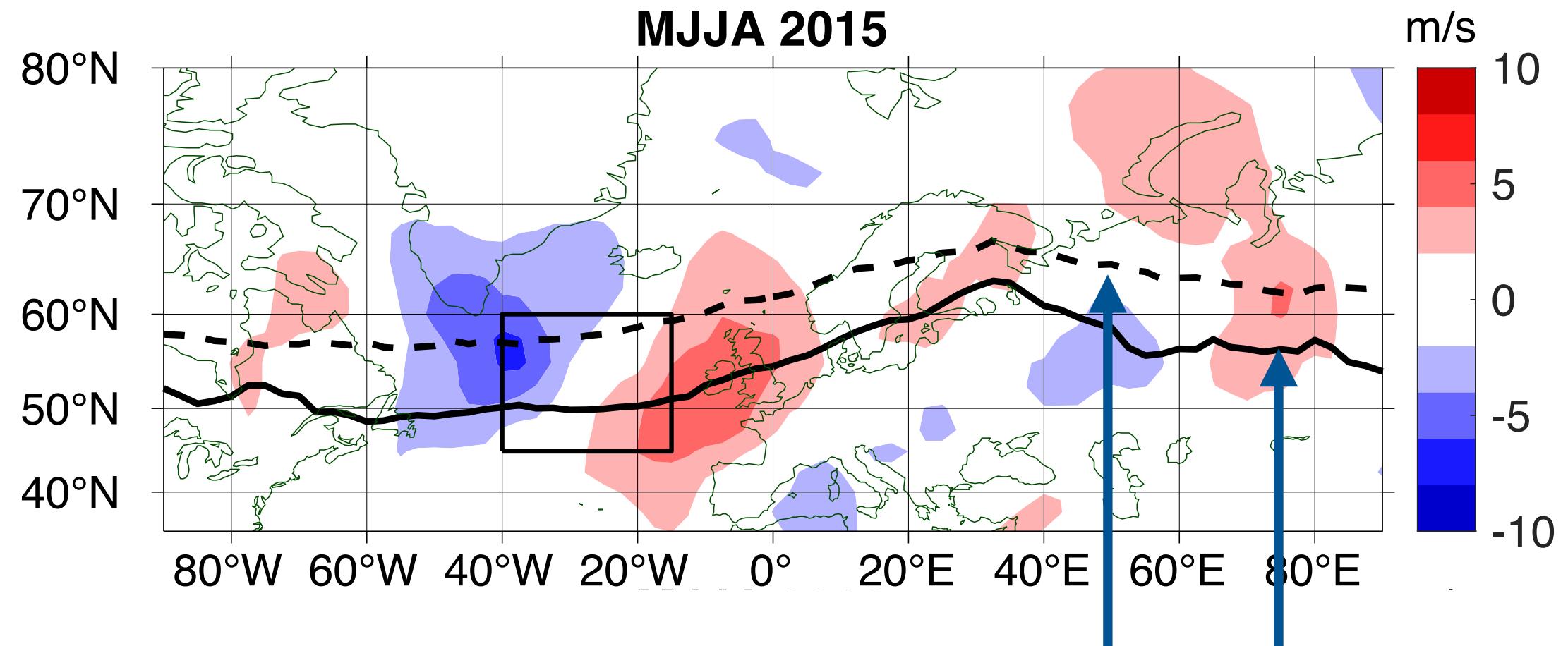


# 2018

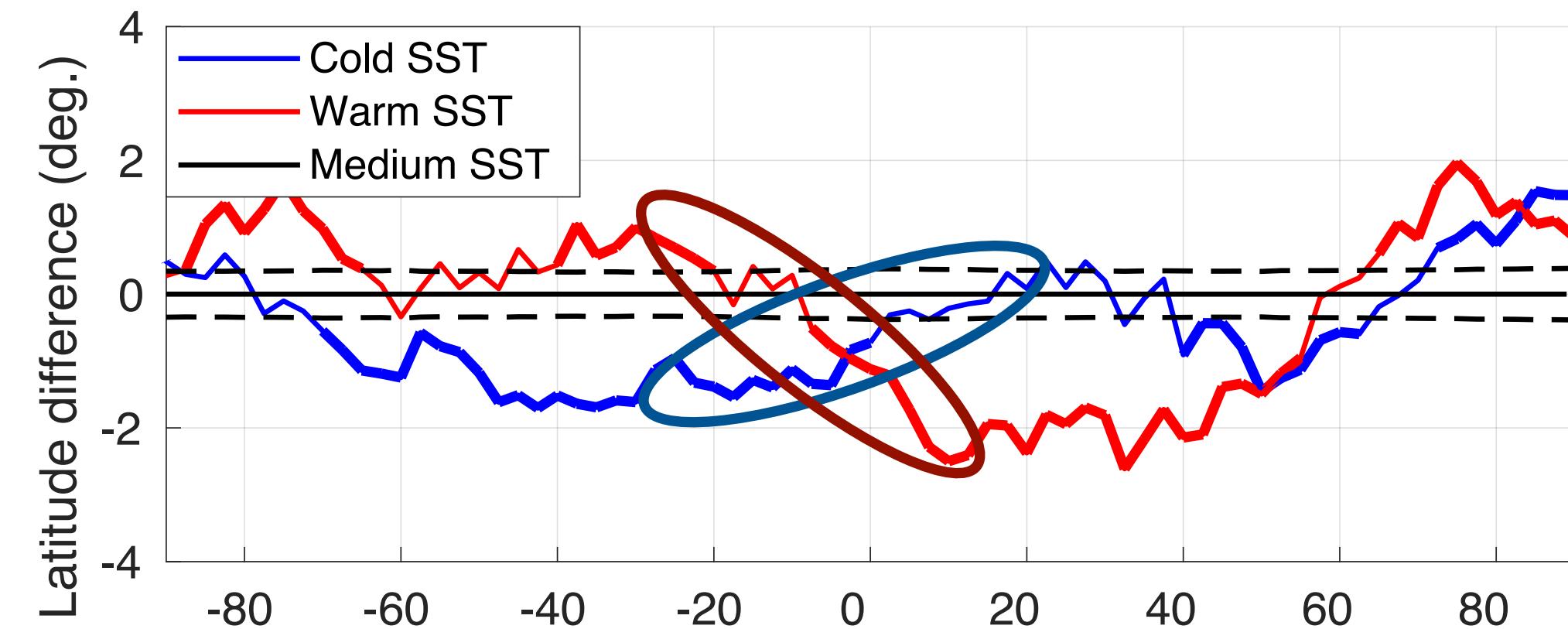
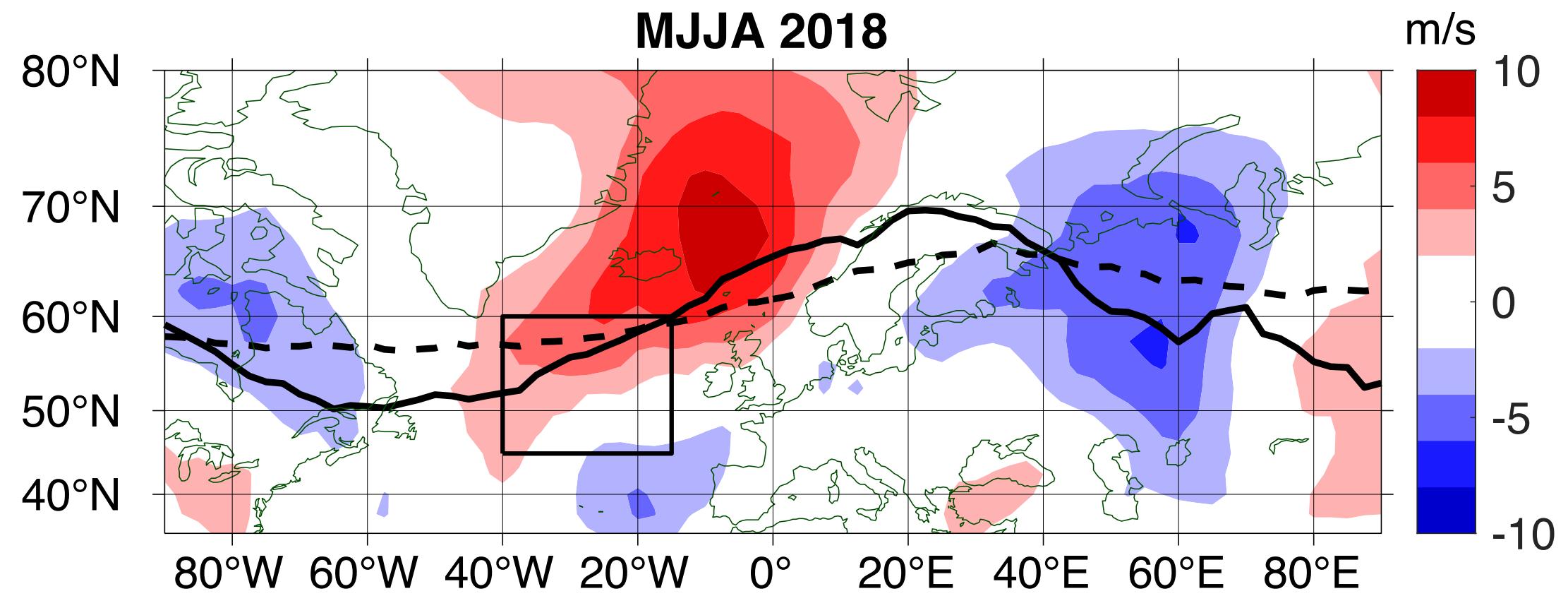


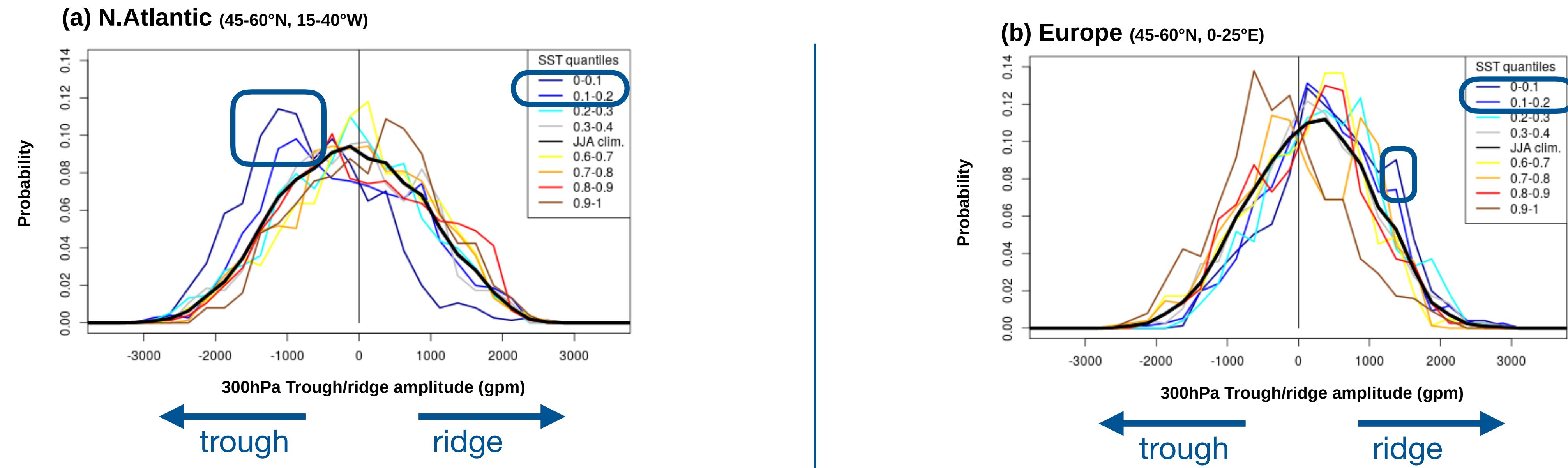
Duchez et al. 2016



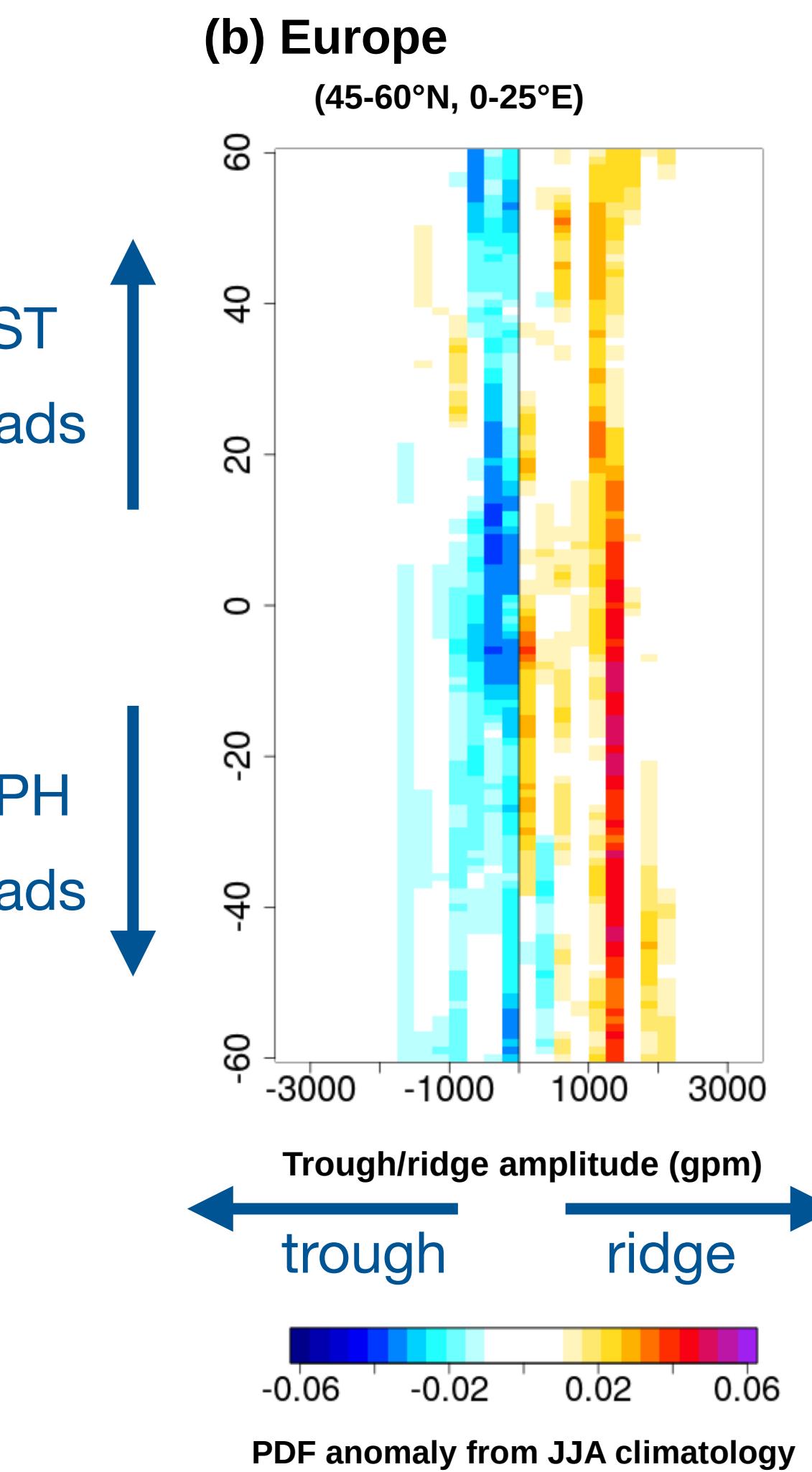
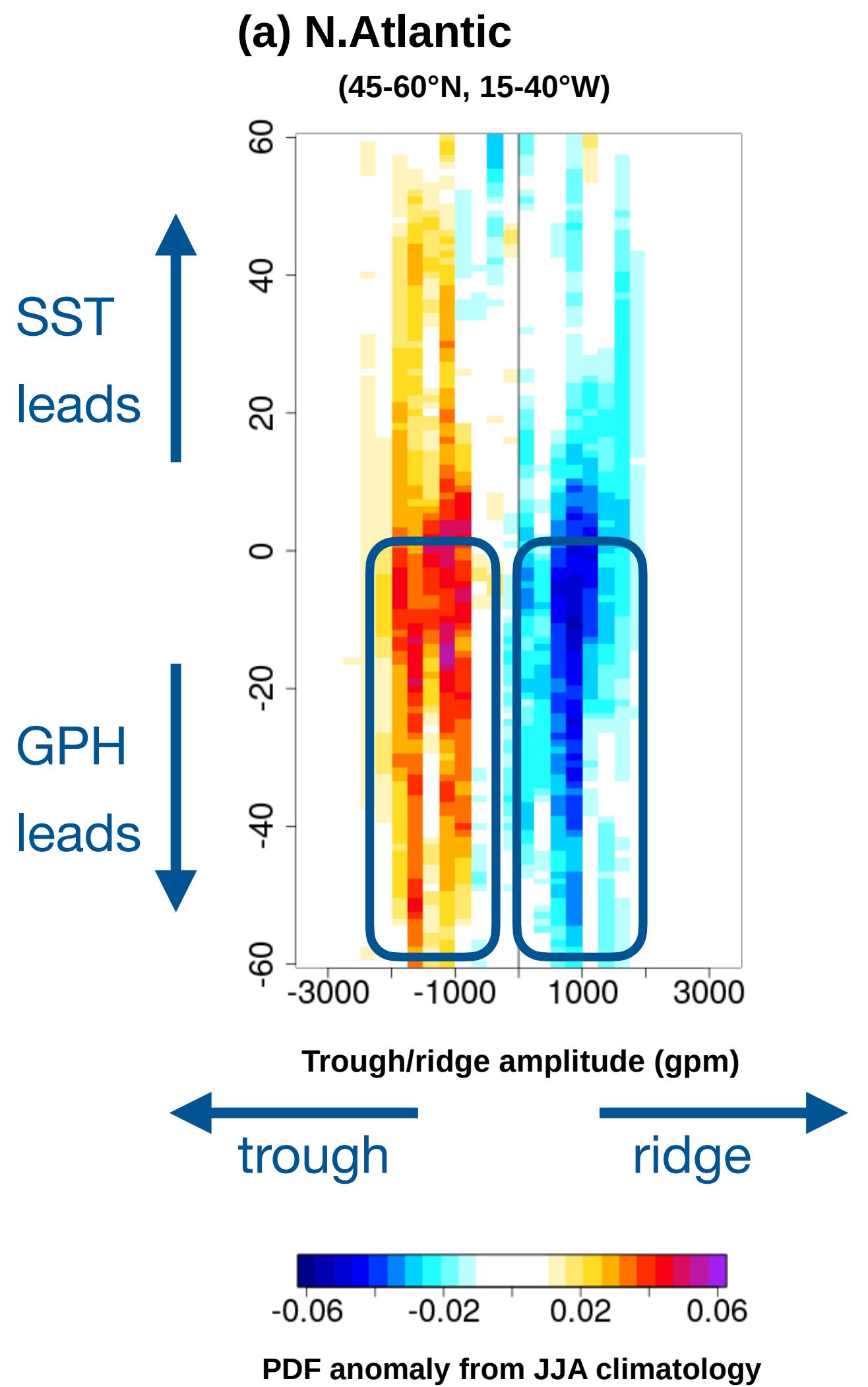


- Shading - meridional wind anomalies
- Jet Stream maximum - climatology
- Jet Stream maximum of respective MJJA season

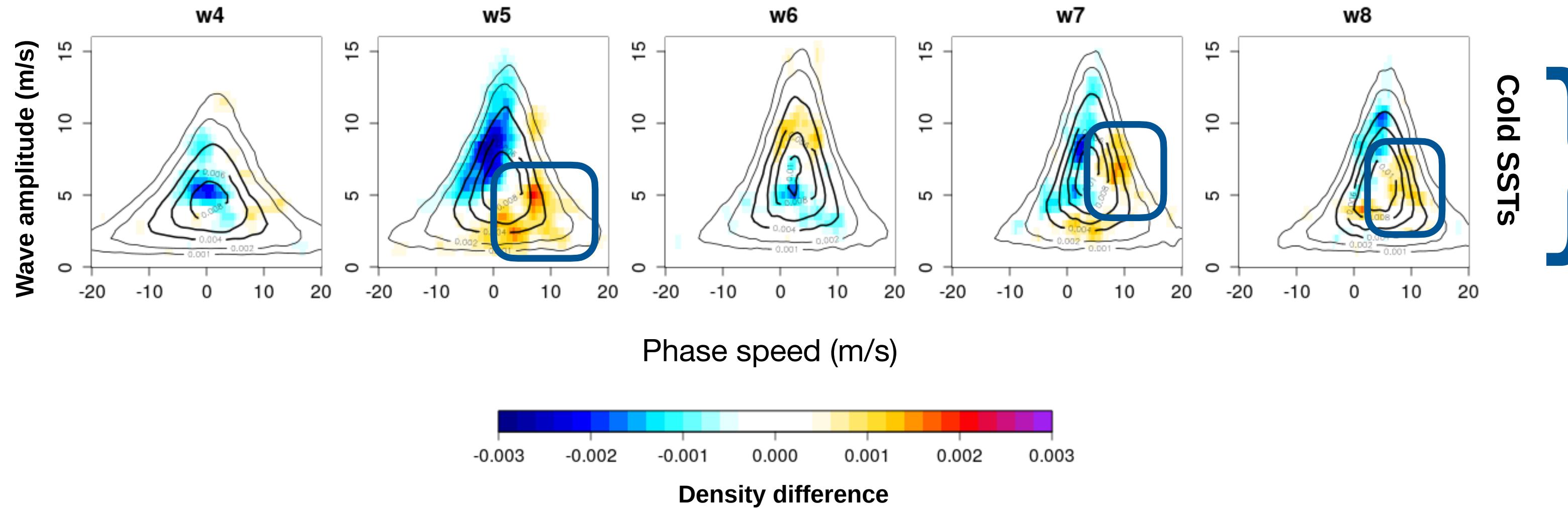




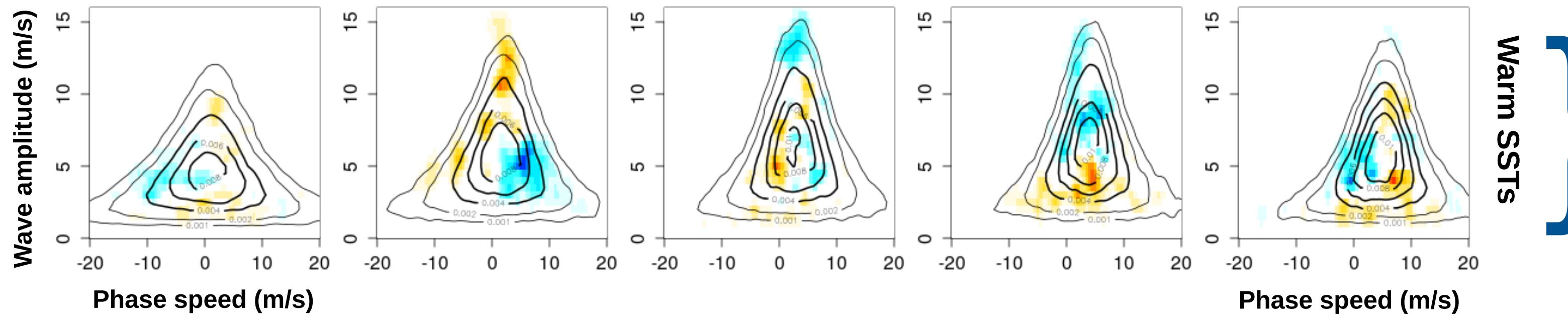
- North Atlantic trough amplitude is enhanced more likely during cold SST events
- European ridge amplitude could gain more strength during cold SST events



**PDF anomalies (37.5 – 57.5°N, 0.1-0.9 quantiles)**

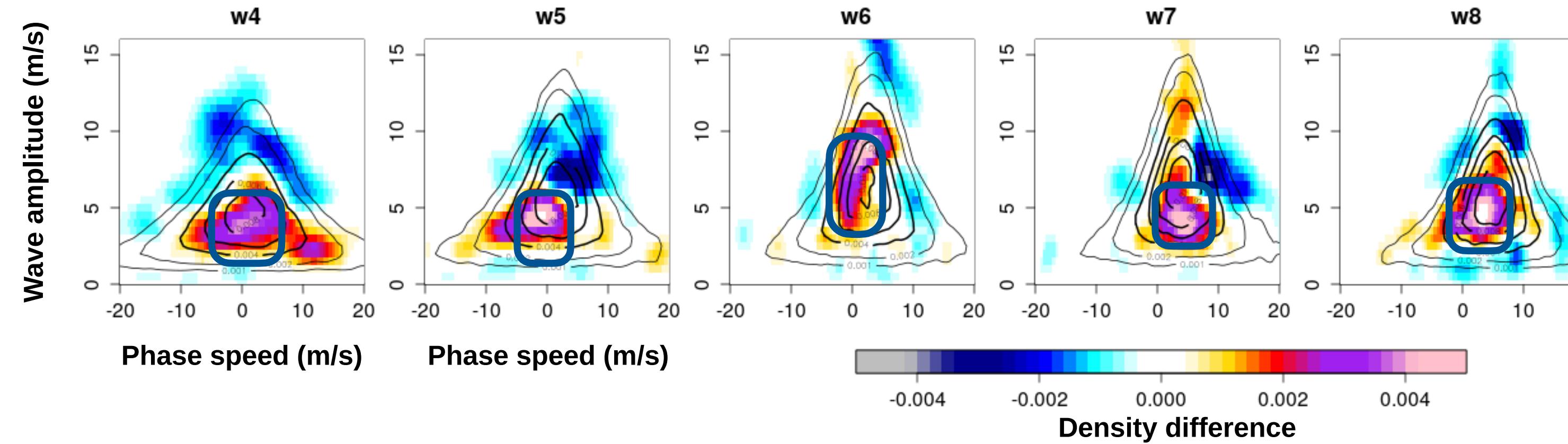


Enhancement of eastward travelling waves, particularly wave number 5, 7, and 8



Opposite imprint, but lower magnitude and without outstanding anomalies

### **Trough – ridge PDF difference over cold N. Atlantic SSTs (37.5 - 57.5°N)**



Positive: wave anomalies when a trough is present



Negative: wave anomalies when a ridge is present