Figure S1. The CC between SC$_{ES}$ and September (a), October (b) and November (c) Arctic sea ice from 1979 to 1997 after detrending. The black dots indicate CC exceeding the 95% confidence level (t test).
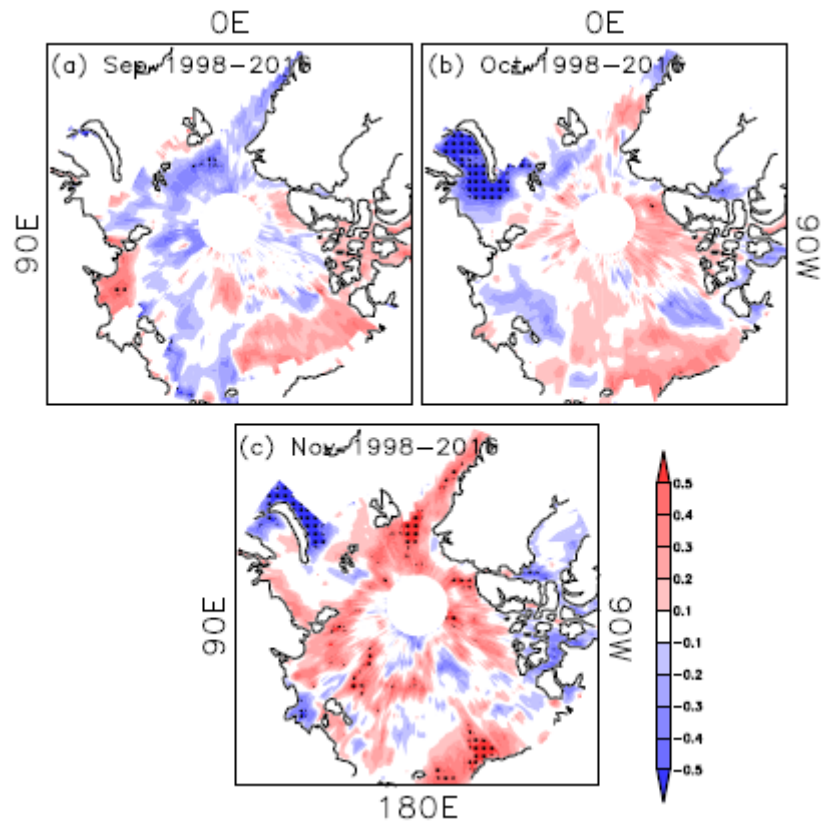
Figure S2. The CC between SC_{ES} and September (a), October (b) and November (c) Arctic sea ice from 1998 to 2016 after detrending. The black dots indicate CC exceeding the 95% confidence level (t test).