Differing drivers of Atlantic variability on quasi- and multi-decadal timescales

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Introduction

Figure S1. 5-20 year band-pass filtered SST (HadISST: https://www.metoffice.gov.uk/hadobs/hadisst/) and net heat flux (NCEP: https://www.esrl.noaa.gov/psd/data/gridded/data.ncep.reanalysis.surfaceflux.html) patterns. The patterns show the composite mean difference between the 10 most positive and 10 most negative filtered NAO index years in the period 1960-2004. (a) SST (colors) and SLP (contours, positive values and zero solid, negative values dashed, 1mb intervals). (b) Net heat flux (colors, ocean heat loss defined to be negative), SLP as in panel (a).
Figure S2. Replica of Fig. 4 but using a 20-year low pass filter. Multi-decadal variability in (light blue) van-Oldenburgh, (navy blue) Trenberth and O'Shea and (black) linear AMV, (pink) annual NAO and (red) DJF NAO; (green) Taylor and (light green) Joyce GSNW indices. Original data from Fig. 2 shown in gray, with line widths illustrating the correspondence to each multi-decadal component. All timeseries have been normalized. Thin black lines (solid, dash-dot, dotted in same order as colours) indicate the originally identified multidecadal component using SSA analysis shown in Fig. 4.