## Variables contributing meaningful predictability b) WR2: PR a) WR1: PT OLR OLR U10 U10 U200 U200 Z500 Z500 IC IC ΙT ΙT MLD MLD OHC100 OHC100 OHC200 **OHC200 OHC300 OHC300** OHC50 OHC50 **OHC700 OHC700** SSH SSH SST SST SD SD $ST_1m$ $ST_1m$ ST\_28cm ST\_28cm ST\_7cm ST\_7cm ST\_full ST\_full SWC\_1m SWC\_1m SWC\_28cm SWC\_28cm SWC\_7cm SWC\_7cm SWC\_full -SWC\_full 2 3 5 6 7 8 1 2 3 4 5 6 7 8 Lead time (week) Lead time (week) c) WR3: GH d) WR4: AR OLR OLR U10 U10 U200 U200 Z500 Z500 IC IC ΙT IT MLD MLD **OHC100 OHC100 OHC200 OHC200** OHC300 **OHC300** OHC50 OHC50 OHC700 OHC700 SSH SSH SST SST SD SD ST\_1m ST\_1m ST\_28cm ST\_28cm ST\_7cm ST\_7cm ST\_full ST\_full SWC\_1m SWC\_1m SWC\_28cm SWC\_28cm SWC 7cm SWC 7cm SWC\_full -SWC\_full 5 7 1 2 4 8 1 2 4 5 8 3 3 Lead time (week) Lead time (week) e) No WR OLR U10 U200 Z500 IC ΙT MLD **OHC100** OHC200 OHC300 OHC50 **OHC700** SSH SST SD ST\_1m ST\_28cm ST\_7cm ST full SWC 1m SWC\_28cm SWC\_7cm SWC\_full -2 3 4 5 8 Lead time (week)