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 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 3 3 8 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

Lead time (week)

5

8