Relative feature importance for RF at lead time 3 week 0.06 0.05 0.04 Importance 0.03 0.02 0.01 0.00 _lag3 z_7D_lag6 rain_7D_lag6 z_7D_lag3 7D_lag6 sst_cnaa_7D_lag5 sst_cnaa_7D_lag3 _7D_lag3 sst_nwmed_7D_lag5 sst_cnaa_7D_lag4 sm_7D_lag4 t2m_x_7D_lag4 sm_7D_lag6 sea_7D_lag5 sm_7D_lag3 rain_7D_lag5 z_7D_lag5 z_7D_lag4 sea_7D_lag4 t2m_x_7D_lag5 t2m_x_7D_lag6 sea_7D_lag6 rain_7D_lag3 t2m_x_7D_lag3 rain_7D_lag4 sst cnaa 7D lag6 sst_nwmed_7D_lag4 sm_7D_lag5 sea sst_nwmed_ sst_nwmed **Feature**