HMASR MAM daily SD vs SCF at 1°x1° (1999-10-01 to 2017-09-30 with >30% permanent snow grid cells excluded) **SL12 HMASR R01** NY07 **LA22** DNN 100 All points 80 60 40 -20 -100 seasonal SCF [%] STD < 300 m 80 60 40 20 100 STD > 300 m 80 60 40 20 0.5 Ó 0.5 0.5 0.5 0.5 0.5 0 0 Snow depth [m] 10 100 1000 Logarithmic point density