HMASR seasonal daily SCF—SD at 1° x 1° (01/10/1999 to 30/09/2017 with > 30 % permanent snow grid cells excluded) SON **DJF** MAM JJA 1000 100 -234 kg m<sup>-3</sup> -245 kg m<sup>-3</sup> (d), 299 kg m<sup>-3</sup> 292 kg m <sup>3</sup> 80 All points 60 40 20 - 100 100 -ogarithmic point density 226 kg m<sup>-3</sup> 222 kg m<sup>-3</sup> 250 kg m<sup>-3</sup> (h) 244 kg m<sup>-3</sup> seasonal SCF (%) STD < 300 m 80 60 40 20 <del>|</del> 10 100 238 kg m 3 317 kg m<sup>-3</sup> 308 kg m <sup>3</sup> **(l)** 80 STD > 300 m 60 40 20 -0.5 0.5 0.5 0 0.5 Snow depth (m)