JJAS climatology bias of Snow Cover Extent (1979-2014) **NOAA CDR** BCC-ESM1 Multi-Model Mean BCC-CSM2-MR 20 Mean bias: 2.8 % Mean snc: 8.3 % -0.7 % 0 CAS-ESM2-0 CESM2 CESM2-FV2 **CESM2-WACCM** 1.0 % -7.6 % -8.2 % -7.7 % CESM2-WACCM-FV2 CNRM-CM6-1 CNRM-CM6-1-HR CNRM-ESM2-1 7.0 % -8.2 % 13.5 % 3.6 % CanESM5 GFDL-CM4 GISS-E2-1-G GISS-E2-1-H -0.7 % 7.6 % 9.3 % 8.3 % HadGEM3-GC31-LL HadGEM3-GC31-MM IPSL-CM6A-LR MIROC-ES2L 23.6 % 27.0 % 30.3 % -5.0 % MIROC6 MPI-ESM1-2-HR MPI-ESM1-2-LR MRI-ESM2-0 -7.2 % -7.5 % -1.2 % -1.7 % NorESM2-LM SAM0-UNICON TaiESM1 UKESM1-0-LL -5.6 % 23.5 % -8.2 % -5.8 % 10 20 -60 -50 -40 -30 -20 -10 0 30 40 50 60 Bias (model-obs) of Snow Cover Extent (%)