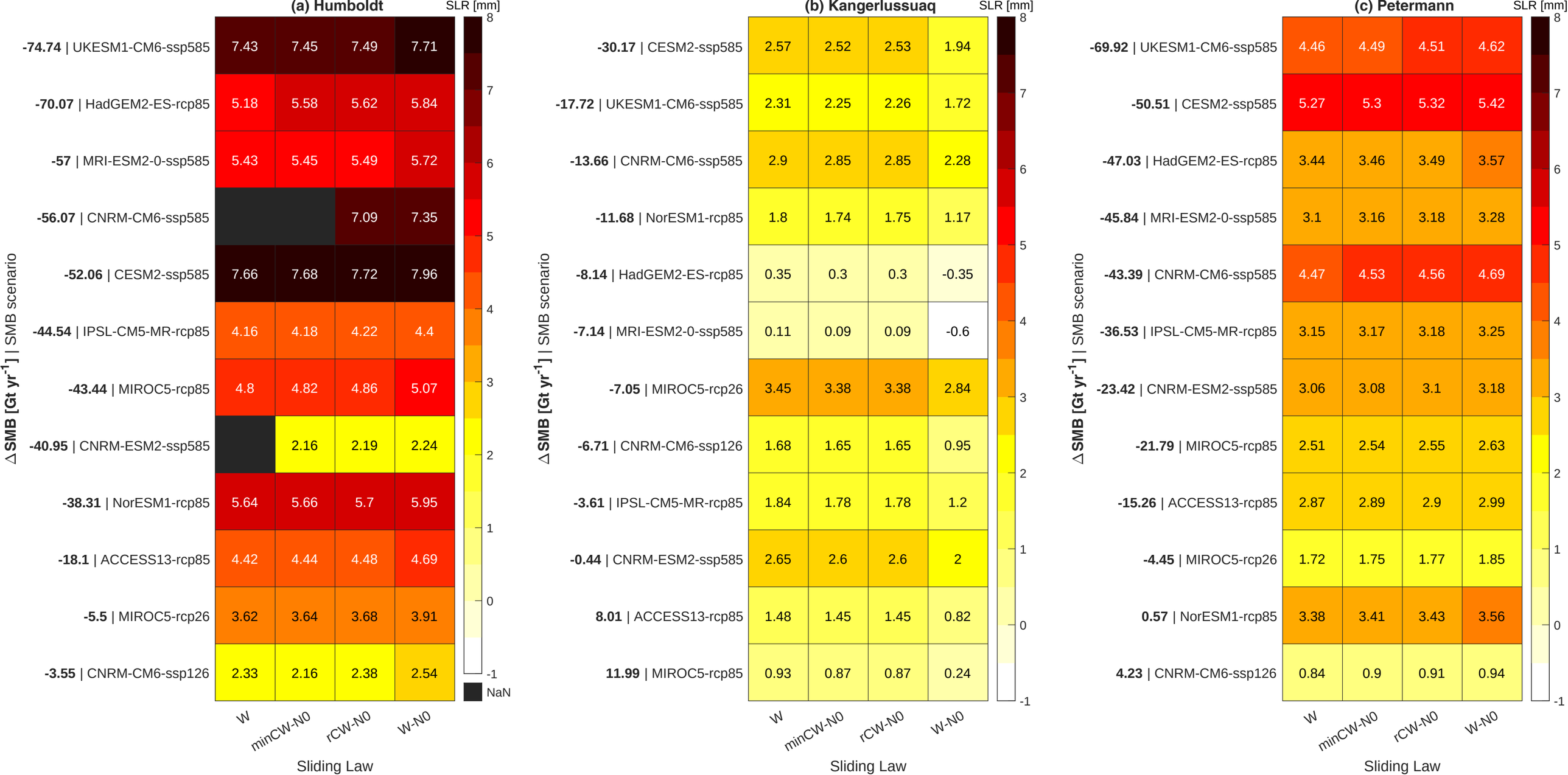
(a) Humboldt
SLR [mm]
-74.74 | UKESM1-CM6-ssp585 7.43 7.45 7.49 7.71
-70.07 | HadGEM2-ES-rcp85 5.18 5.58 5.62 5.84
-57 | MRI-ESM2-0-ssp585 5.43 5.45 5.49 5.72
-56.07 | CNRM-CM6-ssp585 7.09 7.35
-52.06 | CESM2-ssp585 7.66 7.68 7.72 7.96
-44.54 | IPSL-CM5-MR-rcp85 4.16 4.18 4.22 4.4
-43.44 | MIROC5-rcp85 4.8 4.82 4.86 5.07
-40.95 | CNRM-ESM2-ssp585 2.16 2.19 2.24
-38.31 | NorESM1-rcp85 5.64 5.66 5.7 5.95
-18.1 | ACCESS13-rcp85 4.42 4.44 4.48 4.69
-5.5 | MIROC5-rcp26 3.62 3.64 3.68 3.91
-3.55 | CNRM-CM6-ssp126 2.33 2.16 2.38 2.54
W minCW-N0 rCW-N0 W-N0
Sliding Law
ΔSMB [Gt yr-1] | SMB scenario
8 7 6 5 4 3 2 1 0 -1
NaN
(b) Kangerlussuaq
SLR [mm]
-30.17 | CESM2-ssp585 2.57 2.52 2.53 1.94
-17.72 | UKESM1-CM6-ssp585 2.31 2.25 2.26 1.72
-13.66 | CNRM-CM6-ssp585 2.9 2.85 2.85 2.28
-11.68 | NorESM1-rcp85 1.8 1.74 1.75 1.17
-8.14 | HadGEM2-ES-rcp85 0.35 0.3 0.3 -0.35
-7.14 | MRI-ESM2-0-ssp585 0.11 0.09 0.09 -0.6
-7.05 | MIROC5-rcp26 3.45 3.38 3.38 2.84
-6.71 | CNRM-CM6-ssp126 1.68 1.65 1.65 0.95
-3.61 | IPSL-CM5-MR-rcp85 1.84 1.78 1.78 1.2
-0.44 | CNRM-ESM2-ssp585 2.65 2.6 2.6 2
8.01 | ACCESS13-rcp85 1.48 1.45 1.45 0.82
11.99 | MIROC5-rcp85 0.93 0.87 0.87 0.24
W minCW-N0 rCW-N0 W-N0
Sliding Law
ΔSMB [Gt yr-1] | SMB scenario
8 7 6 5 4 3 2 1 0 -1
(c) Petermann
SLR [mm]
-69.92 | UKESM1-CM6-ssp585 4.46 4.49 4.51 4.62
-50.51 | CESM2-ssp585 5.27 5.3 5.32 5.42
-47.03 | HadGEM2-ES-rcp85 3.44 3.46 3.49 3.57
-45.84 | MRI-ESM2-0-ssp585 3.1 3.16 3.18 3.28
-43.39 | CNRM-CM6-ssp585 4.47 4.53 4.56 4.69
-36.53 | IPSL-CM5-MR-rcp85 3.15 3.17 3.18 3.25
-23.42 | CNRM-ESM2-ssp585 3.06 3.08 3.1 3.18
-21.79 | MIROC5-rcp85 2.51 2.54 2.55 2.63
-15.26 | ACCESS13-rcp85 2.87 2.89 2.9 2.99
-4.45 | MIROC5-rcp26 1.72 1.75 1.77 1.85
0.57 | NorESM1-rcp85 3.38 3.41 3.43 3.56
4.23 | CNRM-CM6-ssp126 0.84 0.9 0.91 0.94
W minCW-N0 rCW-N0 W-N0
Sliding Law
ΔSMB [Gt yr-1] | SMB scenario
8 7 6 5 4 3 2 1 0 -1