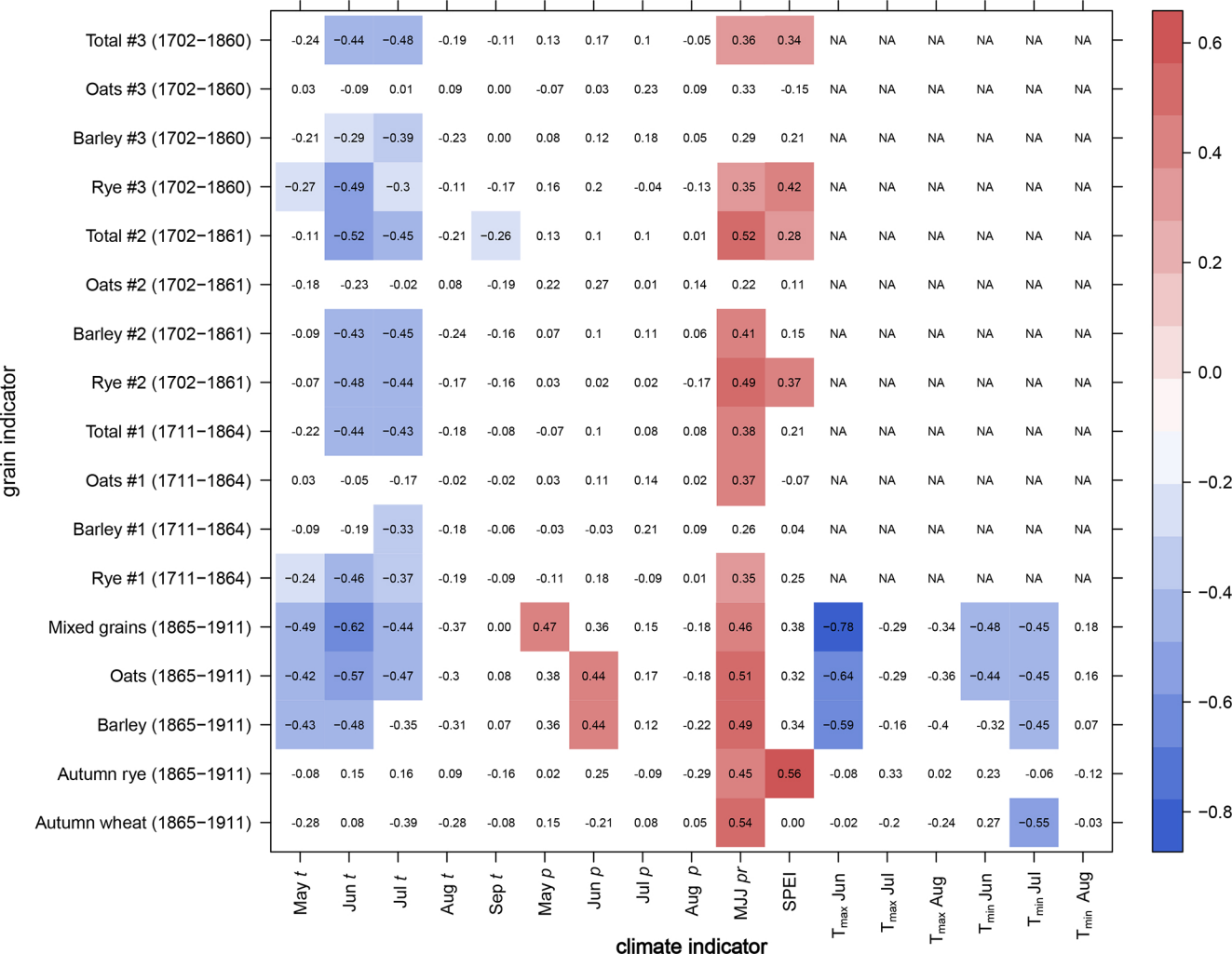
grain indicator
climate indicator
Total #3 (1702–1860) -0.24 −0.44 −0.48 -0.19 -0.11 0.13 0.17 0.1 -0.05 0.36 0.34 NA NA NA NA NA NA
Oats #3 (1702–1860) 0.03 -0.09 0.01 0.09 0.00 -0.07 0.03 0.23 0.09 0.33 -0.15 NA NA NA NA NA NA
Barley #3 (1702–1860) -0.21 −0.29 −0.39 -0.23 0.00 0.08 0.12 0.18 0.05 0.29 0.21 NA NA NA NA NA NA
Rye #3 (1702–1860) −0.27 −0.49 −0.3 -0.11 -0.17 0.16 0.2 -0.04 -0.13 0.35 0.42 NA NA NA NA NA NA
Total #2 (1702–1861) -0.11 −0.52 −0.45 -0.21 −0.26 0.13 0.1 0.1 0.01 0.52 0.28 NA NA NA NA NA NA
Oats #2 (1702–1861) -0.18 -0.23 -0.02 0.08 -0.19 0.22 0.27 0.01 0.14 0.22 0.11 NA NA NA NA NA NA
Barley #2 (1702–1861) -0.09 −0.43 −0.45 -0.24 -0.16 0.07 0.1 0.11 0.06 0.41 0.15 NA NA NA NA NA NA
Rye #2 (1702–1861) -0.07 −0.48 −0.44 -0.17 -0.16 0.03 0.02 0.02 -0.17 0.49 0.37 NA NA NA NA NA NA
Total #1 (1711–1864) -0.22 −0.44 −0.43 -0.18 -0.08 -0.07 0.1 0.08 0.08 0.38 0.21 NA NA NA NA NA NA
Oats #1 (1711–1864) 0.03 -0.05 -0.17 -0.02 -0.02 0.03 0.11 0.14 0.02 0.37 -0.07 NA NA NA NA NA NA
Barley #1 (1711–1864) -0.09 -0.19 −0.33 -0.18 -0.06 -0.03 -0.03 0.21 0.09 0.26 0.04 NA NA NA NA NA NA
Rye #1 (1711–1864) -0.24 −0.46 −0.37 -0.19 -0.09 -0.11 0.18 -0.09 0.01 0.35 0.25 NA NA NA NA NA NA
Mixed grains (1865–1911) −0.49 −0.62 −0.44 -0.37 0.00 0.47 0.36 0.15 -0.18 0.46 0.38 −0.78 -0.29 -0.34 −0.48 −0.45 0.18
Oats (1865–1911) −0.42 −0.57 −0.47 -0.3 0.08 0.38 0.44 0.17 -0.18 0.51 0.32 −0.64 -0.29 -0.36 −0.44 −0.45 0.16
Barley (1865–1911) −0.43 −0.48 -0.35 -0.31 0.07 0.36 0.44 0.12 -0.22 0.49 0.34 −0.59 -0.16 -0.4 -0.32 −0.45 0.07
Autumn rye (1865–1911) -0.08 0.15 0.16 0.09 -0.16 0.02 0.25 -0.09 -0.29 0.45 0.56 -0.08 0.33 0.02 0.23 -0.06 -0.12
Autumn wheat (1865–1911) -0.28 0.08 -0.39 -0.28 -0.08 0.15 -0.21 0.08 0.05 0.54 0.00 -0.02 -0.2 -0.24 0.27 −0.55 -0.03
May t
Jun t
Jul t
Aug t
Sep t
May p
Jun p
Jul p
Aug p
MJJ pr
SPEI
T max Jun
T max Jul
T max Aug
T min Jun
T min Jul
T min Aug
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8