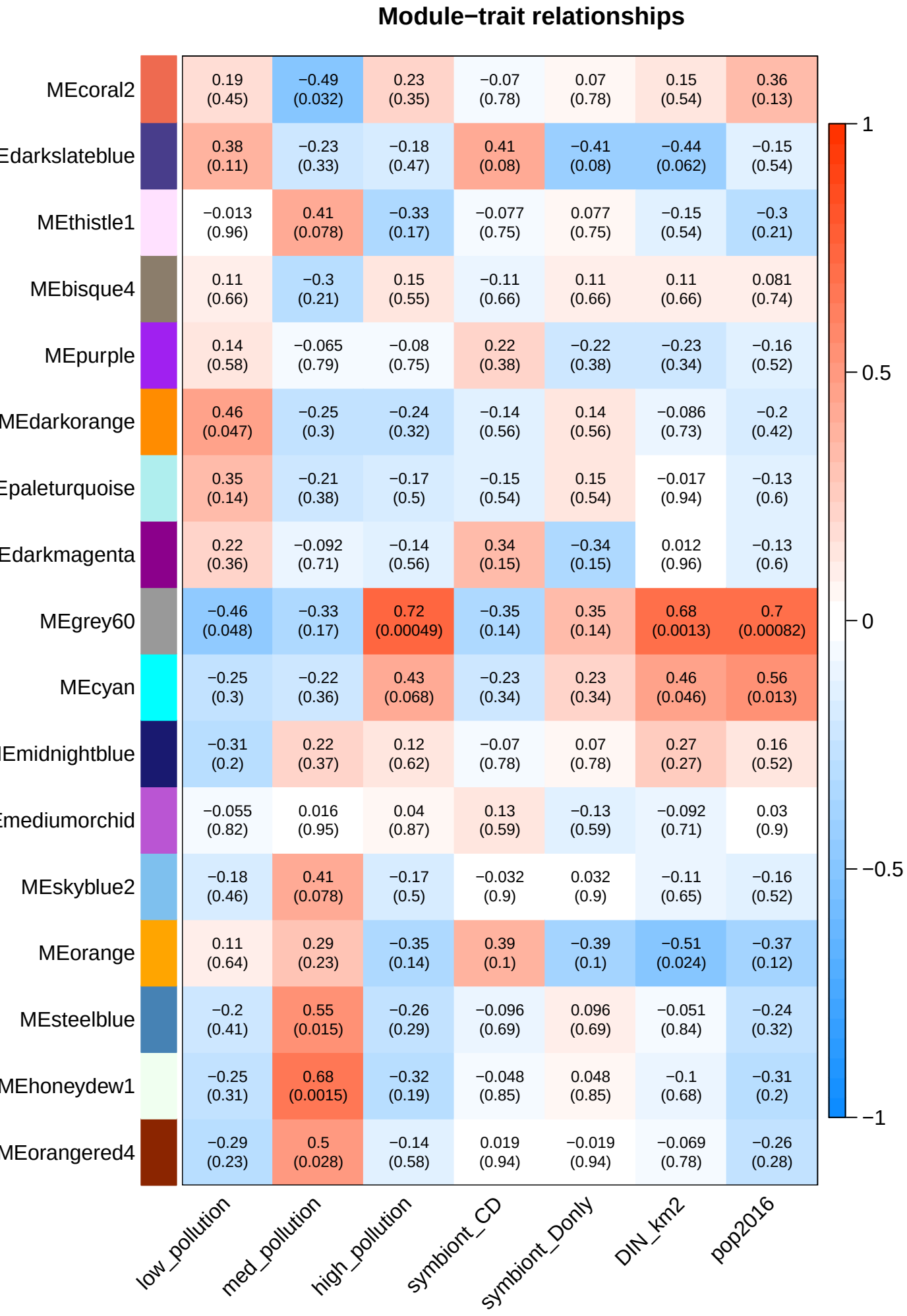
Module−trait relationships
MEcoral2
Edarkslateblue
MEthistle1
MEbisque4
MEpurple
MEdarkorange
Epaleturquoise
Edarkmagenta
MEgrey60
MEcyan
Emidnightblue
Emediumorchid
MEskyblue2
MEorange
MEsteelblue
MEhoneydew1
MEorangered4
0.19 (0.45) −0.49 (0.032) 0.23 (0.35) −0.07 (0.78) 0.07 (0.78) 0.15 (0.54) 0.36 (0.13)
0.38 (0.11) −0.23 (0.33) −0.18 (0.47) 0.41 (0.08) −0.41 (0.08) −0.44 (0.062) −0.15 (0.54)
−0.013 (0.96) 0.41 (0.078) −0.33 (0.17) −0.077 (0.75) 0.077 (0.75) −0.15 (0.54) −0.3 (0.21)
0.11 (0.66) −0.3 (0.21) 0.15 (0.55) −0.11 (0.66) 0.11 (0.66) 0.11 (0.66) 0.081 (0.74)
0.14 (0.58) −0.065 (0.79) −0.08 (0.75) 0.22 (0.38) −0.22 (0.38) −0.23 (0.34) −0.16 (0.52)
0.46 (0.047) −0.25 (0.3) −0.24 (0.32) −0.14 (0.56) 0.14 (0.56) −0.086 (0.73) −0.2 (0.42)
0.35 (0.14) −0.21 (0.38) −0.17 (0.5) −0.15 (0.54) 0.15 (0.54) −0.017 (0.94) −0.13 (0.6)
0.22 (0.36) −0.092 (0.71) −0.14 (0.56) 0.34 (0.15) −0.34 (0.15) 0.012 (0.96) −0.13 (0.6)
−0.46 (0.048) −0.33 (0.17) 0.72 (0.00049) −0.35 (0.14) 0.35 (0.14) 0.68 (0.0013) 0.7 (0.00082)
−0.25 (0.3) −0.22 (0.36) 0.43 (0.068) −0.23 (0.34) 0.23 (0.34) 0.46 (0.046) 0.56 (0.013)
−0.31 (0.2) 0.22 (0.37) 0.12 (0.62) −0.07 (0.78) 0.07 (0.78) 0.27 (0.27) 0.16 (0.52)
−0.055 (0.82) 0.016 (0.95) 0.04 (0.87) 0.13 (0.59) −0.13 (0.59) −0.092 (0.71) 0.03 (0.9)
−0.18 (0.46) 0.41 (0.078) −0.17 (0.5) −0.032 (0.9) 0.032 (0.9) −0.11 (0.65) −0.16 (0.52)
0.11 (0.64) 0.29 (0.23) −0.35 (0.14) 0.39 (0.1) −0.39 (0.1) −0.51 (0.024) −0.37 (0.12)
−0.2 (0.41) 0.55 (0.015) −0.26 (0.29) −0.096 (0.69) 0.096 (0.69) −0.051 (0.84) −0.24 (0.32)
−0.25 (0.31) 0.68 (0.0015) −0.32 (0.19) −0.048 (0.85) 0.048 (0.85) −0.1 (0.68) −0.31 (0.2)
−0.29 (0.23) 0.5 (0.028) −0.14 (0.58) 0.019 (0.94) −0.019 (0.94) −0.069 (0.78) −0.26 (0.28)
low_pollution
med_pollution
high_pollution
symbiont_CD
symbiont_Donly
DIN_km2
pop2016
1
0.5
0
−0.5
−1