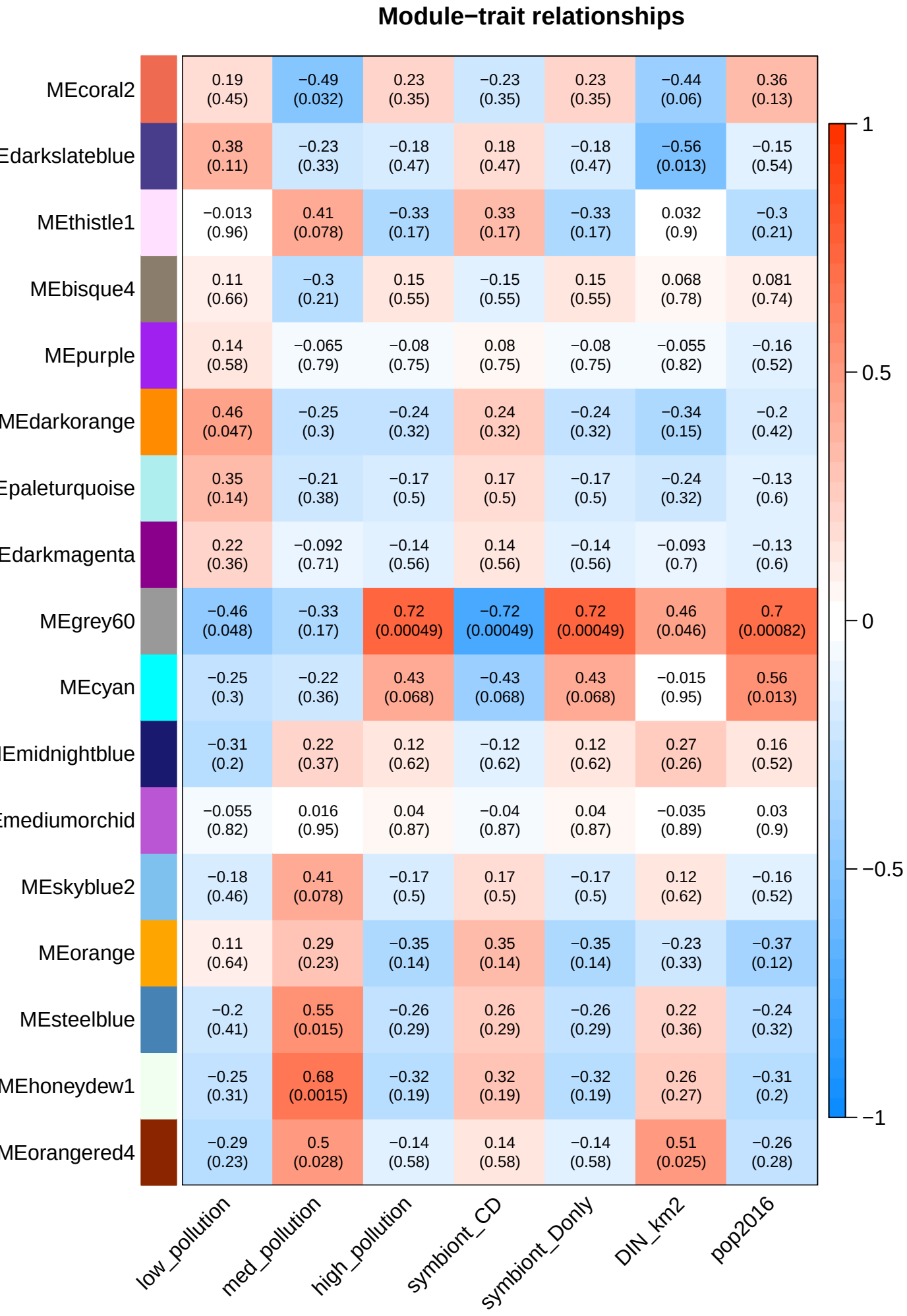
Module−trait relationships
MEcoral2
Edarkslateblue
MEthistle1
MEbisque4
MEpurple
MEdarkorange
Epaleturquoise
Edarkmagenta
MEgrey60
MEcyan
Emidnightblue
Emediumorchid
MEskyblue2
MEorange
MEsteelblue
MEhoneydew1
MEorangered4
0.19 (0.45) −0.49 (0.032) 0.23 (0.35) −0.23 (0.35) 0.23 (0.35) −0.44 (0.06) 0.36 (0.13)
0.38 (0.11) −0.23 (0.33) −0.18 (0.47) 0.18 (0.47) −0.18 (0.47) −0.56 (0.013) −0.15 (0.54)
−0.013 (0.96) 0.41 (0.078) −0.33 (0.17) 0.33 (0.17) −0.33 (0.17) 0.032 (0.9) −0.3 (0.21)
0.11 (0.66) −0.3 (0.21) 0.15 (0.55) −0.15 (0.55) 0.15 (0.55) 0.068 (0.78) 0.081 (0.74)
0.14 (0.58) −0.065 (0.79) −0.08 (0.75) 0.08 (0.75) −0.08 (0.75) −0.055 (0.82) −0.16 (0.52)
0.46 (0.047) −0.25 (0.3) −0.24 (0.32) 0.24 (0.32) −0.24 (0.32) −0.34 (0.15) −0.2 (0.42)
0.35 (0.14) −0.21 (0.38) −0.17 (0.5) 0.17 (0.5) −0.17 (0.5) −0.24 (0.32) −0.13 (0.6)
0.22 (0.36) −0.092 (0.71) −0.14 (0.56) 0.14 (0.56) −0.14 (0.56) −0.093 (0.7) −0.13 (0.6)
−0.46 (0.048) −0.33 (0.17) 0.72 (0.00049) −0.72 (0.00049) 0.72 (0.00049) 0.46 (0.046) 0.7 (0.00082)
−0.25 (0.3) −0.22 (0.36) 0.43 (0.068) −0.43 (0.068) 0.43 (0.068) −0.015 (0.95) 0.56 (0.013)
−0.31 (0.2) 0.22 (0.37) 0.12 (0.62) −0.12 (0.62) 0.12 (0.62) 0.27 (0.26) 0.16 (0.52)
−0.055 (0.82) 0.016 (0.95) 0.04 (0.87) −0.04 (0.87) 0.04 (0.87) −0.035 (0.89) 0.03 (0.9)
−0.18 (0.46) 0.41 (0.078) −0.17 (0.5) 0.17 (0.5) −0.17 (0.5) 0.12 (0.62) −0.16 (0.52)
0.11 (0.64) 0.29 (0.23) −0.35 (0.14) 0.35 (0.14) −0.35 (0.14) −0.23 (0.33) −0.37 (0.12)
−0.2 (0.41) 0.55 (0.015) −0.26 (0.29) 0.26 (0.29) −0.26 (0.29) 0.22 (0.36) −0.24 (0.32)
−0.25 (0.31) 0.68 (0.0015) −0.32 (0.19) 0.32 (0.19) −0.32 (0.19) 0.26 (0.27) −0.31 (0.2)
−0.29 (0.23) 0.5 (0.028) −0.14 (0.58) 0.14 (0.58) −0.14 (0.58) 0.51 (0.025) −0.26 (0.28)
low_pollution
med_pollution
high_pollution
symbiont_CD
symbiont_Donly
DIN_km2
pop2016
1
0.5
0
−0.5
−1