Module–trait relationships

Module	P	S	NO3	NH4	CNrat	OM	OC	TN
MEdarkred	−0.35 (0.003)	−0.12 (0.3)	−0.017 (0.9)	−0.041 (0.7)	−0.11 (0.3)	−0.13 (0.3)	−0.13 (0.3)	−0.11 (0.3)
MEblack	−0.11 (0.3)	0.082 (0.5)	0.03 (0.8)	0.12 (0.3)	−0.017 (0.9)	0.081 (0.5)	0.081 (0.5)	0.075 (0.5)
MEroyalblue	−0.34 (0.003)	−0.13 (0.3)	−0.056 (0.6)	−0.017 (0.9)	0.059 (0.6)	−0.2 (0.09)	−0.19 (0.1)	−0.2 (0.09)
MEmagenta	−0.34 (0.003)	−0.28 (0.02)	−0.2 (0.09)	−0.26 (0.03)	0.33 (0.005)	−0.37 (0.001)	−0.37 (0.001)	−0.39 (6e−04)
MElightgreen	−0.53 (9e−07)	−0.31 (0.006)	−0.29 (0.01)	−0.27 (0.02)	−0.014 (0.9)	−0.43 (1e−04)	−0.43 (1e−04)	−0.41 (3e−04)
MEviolet	−0.43 (1e−04)	−0.13 (0.3)	−0.27 (0.02)	−0.18 (0.1)	−0.15 (0.2)	−0.25 (0.03)	−0.25 (0.03)	−0.22 (0.06)
MEpurple	−0.16 (0.2)	0.067 (0.6)	−0.11 (0.4)	0.057 (0.6)	−0.059 (0.6)	−0.091 (0.4)	−0.09 (0.4)	−0.082 (0.5)
MEred	0.22 (0.06)	0.38 (7e−04)	0.16 (0.2)	0.39 (6e−04)	−0.25 (0.03)	0.35 (0.002)	0.35 (0.002)	0.36 (0.002)
MEsalmon	0.34 (0.003)	0.56 (3e−07)	0.4 (4e−04)	0.64 (1e−09)	−0.44 (1e−04)	0.57 (1e−07)	0.57 (1e−07)	0.59 (4e−08)
MEcyan	0.2 (0.09)	−0.46 (4e−05)	−0.22 (0.06)	−0.4 (3e−04)	0.38 (7e−04)	−0.51 (3e−06)	−0.51 (3e−06)	−0.53 (2e−06)
MEgrey60	0.17 (0.1)	−0.25 (0.03)	−0.078 (0.5)	−0.13 (0.3)	0.11 (0.3)	−0.37 (0.001)	−0.37 (0.001)	−0.36 (0.002)
MEyellow	−0.25 (0.03)	−0.13 (0.3)	0.018 (0.9)	0.057 (0.6)	−0.038 (0.8)	−0.17 (0.2)	−0.16 (0.2)	−0.16 (0.2)
MEdarkgreen	−0.31 (0.007)	−0.35 (0.002)	−0.21 (0.08)	−0.22 (0.06)	0.088 (0.5)	−0.51 (3e−06)	−0.51 (4e−06)	−0.5 (7e−06)
MEdarkolivegreen	−0.05 (0.7)	−0.24 (0.04)	−0.083 (0.5)	−0.09 (0.4)	0.18 (0.1)	−0.34 (0.004)	−0.33 (0.004)	−0.35 (0.003)
MEblue	−0.034 (0.8)	−0.087 (0.5)	0.053 (0.7)	0.11 (0.3)	−0.14 (0.2)	−0.21 (0.07)	−0.21 (0.07)	−0.19 (0.1)
MEdarkturquoise	0.23 (0.04)	0.12 (0.3)	0.18 (0.1)	0.31 (0.007)	−0.16 (0.2)	0.084 (0.5)	0.084 (0.5)	0.094 (0.4)
MEdarkorange	0.32 (0.005)	0.098 (0.4)	0.22 (0.06)	0.26 (0.02)	0.12 (0.3)	0.44 (1e−04)	0.43 (1e−04)	0.4 (4e−04)
MEorange	0.48 (2e−05)	0.59 (3e−08)	0.55 (3e−07)	0.77 (8e−16)	−0.34 (0.003)	0.94 (3e−34)	0.93 (1e−33)	0.92 (3e−31)
MEsaddlebrown	0.38 (0.001)	0.29 (0.01)	0.38 (7e−04)	0.59 (2e−08)	−0.25 (0.03)	0.67 (9e−11)	0.66 (1e−10)	0.66 (2e−10)
MEturquoise	0.3 (0.009)	0.89 (1e−26)	0.46 (4e−05)	0.62 (4e−09)	−0.34 (0.003)	0.83 (5e−20)	0.83 (3e−20)	0.82 (2e−19)
MEsteelblue	0.082 (0.5)	0.37 (0.001)	0.14 (0.2)	0.058 (0.6)	0.36 (0.002)	0.22 (0.05)	0.22 (0.05)	0.18 (0.1)
MElightcyan	0.078 (0.5)	0.4 (5e−04)	0.19 (0.1)	0.16 (0.2)	0.027 (0.8)	0.44 (1e−04)	0.44 (1e−04)	0.42 (2e−04)
MEskyblue	0.33 (0.005)	0.53 (1e−06)	0.37 (0.001)	0.47 (3e−05)	−0.026 (0.8)	0.72 (6e−13)	0.72 (7e−13)	0.69 (2e−11)
MEpink	−0.082 (0.5)	−0.3 (0.01)	−0.16 (0.2)	−0.38 (9e−04)	0.74 (4e−14)	−0.34 (0.003)	−0.34 (0.003)	−0.4 (5e−04)
MEmidnightblue	−0.085 (0.5)	−0.35 (0.002)	−0.22 (0.06)	−0.38 (8e−04)	0.089 (0.4)	−0.36 (0.002)	−0.36 (0.002)	−0.35 (0.002)
MEbrown	−0.29 (0.01)	−0.19 (0.1)	−0.081 (0.5)	−0.2 (0.08)	−0.13 (0.3)	−0.15 (0.2)	−0.15 (0.2)	−0.12 (0.3)
MEdarkgrey	−0.086 (0.5)	0.45 (5e−05)	0.16 (0.2)	0.18 (0.1)	−0.34 (0.003)	0.37 (0.001)	0.38 (0.001)	0.39 (6e−04)
MEtan	−0.17 (0.1)	−0.29 (0.01)	−0.15 (0.2)	−0.36 (0.001)	0.37 (0.001)	−0.25 (0.03)	−0.25 (0.03)	−0.27 (0.02)
MEgreen	−0.083 (0.5)	0.068 (0.6)	−0.016 (0.9)	−0.13 (0.3)	0.06 (0.6)	0.12 (0.3)	0.12 (0.3)	0.11 (0.3)
MEgreenyellow	−0.18 (0.1)	−0.35 (0.002)	−0.25 (0.03)	−0.42 (2e−04)	0.12 (0.3)	−0.27 (0.02)	−0.28 (0.02)	−0.27 (0.02)
MEwhite	−0.12 (0.3)	−0.031 (0.8)	−0.17 (0.1)	−0.18 (0.1)	−0.036 (0.8)	−0.025 (0.8)	−0.024 (0.8)	−0.024 (0.8)
MElightyellow	0.052 (0.7)	−0.29 (0.01)	−0.21 (0.07)	−0.36 (0.002)	0.34 (0.003)	−0.23 (0.05)	−0.23 (0.05)	−0.25 (0.03)
MEpaleturquoise	0.0027 (1)	−0.2 (0.08)	−0.17 (0.1)	−0.31 (0.007)	0.45 (6e−05)	−0.17 (0.2)	−0.17 (0.2)	−0.2 (0.08)
MEgrey	−0.043 (0.7)	−0.2 (0.08)	−0.081 (0.5)	−0.012 (0.9)	−0.026 (0.8)	−0.31 (0.008)	−0.3 (0.008)	−0.29 (0.01)