Module kME−Trait Correlation

Each cell shows the correlation coefficient with the p-value in parentheses.

Module	Ancestry	Sex	Age	mitoRate	rRNA_rate	totalAssignedGene	overallMapRate	qPC1	qPC2	qPC3	qPC4	qPC5	qPC6	qPC7	qPC8	qPC9
MEsaddlebrown	−0.0079 (0.9)	−0.08 (0.4)	−0.013 (0.9)	0.045 (0.6)	0.17 (0.07)	−0.079 (0.4)	−0.092 (0.3)	−0.06 (0.5)	−0.12 (0.2)	−0.069 (0.5)	−0.078 (0.4)	0.057 (0.5)	−0.006 (0.9)	−0.015 (0.9)	0.033 (0.7)	−0.061 (0.5)
MEyellow	−0.037 (0.7)	0.0012 (1)	−0.0086 (0.9)	0.015 (0.9)	0.0049 (1)	−0.016 (0.9)	−0.034 (0.7)	−0.0062 (0.9)	−0.042 (0.7)	−0.0029 (1)	−0.054 (0.6)	−0.055 (0.6)	0.0049 (1)	−0.063 (0.5)	0.012 (0.9)	−0.025 (0.8)
MEdarkgrey	−0.24 (0.009)	−0.021 (0.8)	−0.055 (0.6)	−0.0075 (0.9)	0.049 (0.6)	−0.14 (0.1)	−0.14 (0.1)	−0.1 (0.3)	−0.056 (0.5)	0.015 (0.9)	−0.017 (0.9)	0.17 (0.06)	−0.15 (0.1)	0.017 (0.9)	0.043 (0.6)	−0.13 (0.2)
MEdarkolivegreen	−0.027 (0.8)	−0.031 (0.7)	−0.025 (0.8)	−0.054 (0.6)	−0.093 (0.3)	−0.15 (0.1)	−0.039 (0.7)	−0.11 (0.2)	−0.071 (0.4)	0.016 (0.9)	0.0098 (0.9)	0.13 (0.2)	−0.14 (0.1)	0.041 (0.7)	0.15 (0.1)	−0.043 (0.6)
MEblack	0.03 (0.7)	0.024 (0.8)	−0.018 (0.8)	0.036 (0.7)	−0.025 (0.8)	0.0061 (0.9)	−0.019 (0.8)	0.034 (0.7)	0.046 (0.6)	0.021 (0.8)	0.0092 (0.9)	0.0037 (1)	−0.029 (0.8)	−0.0041 (1)	−0.003 (1)	0.024 (0.8)
MEpink	0.082 (0.4)	0.046 (0.6)	−0.02 (0.8)	−0.0071 (0.9)	−0.074 (0.4)	0.084 (0.4)	0.045 (0.6)	0.15 (0.1)	0.14 (0.1)	0.0091 (0.9)	0.014 (0.9)	−0.0058 (1)	−0.0026 (1)	−0.048 (0.6)	−0.012 (0.9)	−0.046 (0.6)
MEwhite	−0.082 (0.4)	0.00028 (1)	−0.02 (0.8)	0.052 (0.6)	0.043 (0.6)	−0.016 (0.9)	−0.034 (0.7)	−0.015 (0.9)	0.059 (0.5)	0.018 (0.8)	0.097 (0.3)	0.01 (0.9)	−0.0016 (1)	0.0075 (0.9)	−0.04 (0.7)	−0.03 (0.7)
MEorangered4	0.23 (0.01)	0.018 (0.8)	−0.0092 (0.9)	−0.054 (0.6)	−0.0048 (1)	0.022 (0.8)	0.049 (0.6)	0.032 (0.7)	−0.046 (0.6)	0.00025 (1)	−0.11 (0.2)	0.0041 (1)	0.0089 (0.9)	−0.0061 (0.9)	0.073 (0.4)	0.044 (0.6)
MElightcyan	0.07 (0.4)	0.026 (0.8)	0.013 (0.9)	−0.028 (0.8)	0.011 (0.9)	0.028 (0.8)	0.05 (0.6)	0.0076 (0.9)	−0.074 (0.4)	0.0082 (0.9)	−0.11 (0.2)	−0.04 (0.7)	0.044 (0.6)	−0.0087 (0.9)	0.085 (0.4)	0.095 (0.3)
MEcyan	0.037 (0.7)	−0.0054 (1)	−0.018 (0.8)	−0.031 (0.7)	−0.011 (0.9)	0.007 (0.9)	0.052 (0.6)	0.0073 (0.9)	−0.025 (0.8)	−0.0087 (0.9)	−0.026 (0.8)	0.0027 (1)	−0.0032 (1)	0.043 (0.6)	0.02 (0.8)	0.062 (0.5)
MEturquoise	0.08 (0.4)	0.016 (0.9)	−0.03 (0.7)	−0.043 (0.6)	0.0077 (0.9)	0.054 (0.6)	0.071 (0.4)	0.053 (0.6)	−0.081 (0.4)	−0.021 (0.8)	−0.011 (0.9)	−0.17 (0.06)	0.016 (0.9)	0.03 (0.7)	0.091 (0.3)	0.11 (0.2)
MEdarkturquoise	0.15 (0.1)	−0.0066 (0.9)	−0.029 (0.8)	0.02 (0.8)	0.1 (0.3)	−0.064 (0.5)	−0.097 (0.3)	−0.077 (0.4)	−0.06 (0.5)	0.009 (0.9)	−0.011 (0.9)	0.01 (0.9)	0.03 (0.7)	−0.073 (0.4)	−0.047 (0.6)	−0.059 (0.5)
MEmagenta	−0.042 (0.6)	−0.018 (0.8)	−0.025 (0.8)	0.12 (0.2)	0.077 (0.4)	−0.068 (0.5)	−0.16 (0.09)	−0.046 (0.6)	−0.021 (0.8)	−0.00075 (1)	0.028 (0.8)	−0.0066 (0.9)	−0.0038 (1)	−0.095 (0.3)	−0.051 (0.6)	−0.06 (0.5)
MEyellowgreen	−0.051 (0.6)	0.043 (0.6)	0.033 (0.7)	0.085 (0.4)	0.097 (0.3)	−0.011 (0.9)	−0.11 (0.2)	−0.018 (0.8)	0.1 (0.3)	0.059 (0.5)	0.094 (0.3)	0.027 (0.8)	−0.0064 (0.9)	−0.083 (0.4)	−0.093 (0.3)	−0.13 (0.2)
MElightcyan1	−0.29 (0.001)	−0.0056 (1)	−0.011 (0.9)	−0.015 (0.9)	−0.049 (0.6)	−0.022 (0.8)	0.044 (0.6)	−0.025 (0.8)	0.0032 (1)	0.013 (0.9)	0.039 (0.7)	0.033 (0.7)	0.0028 (1)	0.045 (0.6)	0.0084 (0.9)	0.046 (0.6)
MElightyellow	−0.064 (0.5)	0.061 (0.5)	−0.0044 (1)	0.05 (0.6)	−0.031 (0.7)	0.0068 (0.9)	−0.011 (0.9)	0.015 (0.9)	0.16 (0.07)	0.082 (0.4)	0.14 (0.1)	0.091 (0.3)	−0.074 (0.4)	0.021 (0.8)	−0.098 (0.3)	−0.077 (0.4)
MEviolet	−0.022 (0.8)	−0.0013 (1)	0.0057 (0.6)	0.048 (0.6)	0.1 (0.3)	0.0018 (1)	−0.06 (0.5)	−0.0034 (1)	0.0056 (1)	−0.0047 (1)	−0.014 (0.9)	−0.0026 (1)	0.02 (0.8)	−0.082 (0.4)	−0.036 (0.7)	−0.046 (0.6)
MEivory	−0.093 (0.3)	0.035 (0.7)	0.028 (0.8)	0.033 (0.7)	0.011 (0.9)	0.036 (0.7)	−0.0044 (1)	0.0073 (0.9)	0.11 (0.2)	0.041 (0.7)	0.091 (0.3)	−0.012 (0.9)	0.037 (0.7)	−0.07 (0.5)	−0.12 (0.2)	−0.13 (0.1)
MEgreen	−0.028 (0.8)	0.08 (0.4)	0.063 (0.5)	0.05 (0.6)	0.085 (0.4)	0.042 (0.6)	−0.033 (0.7)	0.013 (0.9)	0.19 (0.04)	0.096 (0.3)	0.15 (0.1)	0.0084 (0.9)	0.034 (0.7)	−0.059 (0.5)	−0.18 (0.05)	−0.18 (0.06)
MElightgreen	−0.0046 (1)	0.07 (0.4)	0.077 (0.4)	0.059 (0.5)	0.12 (0.2)	0.051 (0.6)	−0.037 (0.7)	0.0054 (1)	0.21 (0.02)	0.09 (0.3)	0.18 (0.05)	0.01 (0.9)	0.051 (0.6)	−0.063 (0.5)	−0.21 (0.02)	−0.2 (0.03)
MEroyalblue	−0.0098 (0.9)	0.059 (0.5)	0.058 (0.5)	0.069 (0.5)	0.12 (0.2)	0.029 (0.8)	−0.068 (0.5)	0.00042 (1)	0.16 (0.07)	0.074 (0.4)	0.13 (0.2)	0.0088 (0.9)	0.046 (0.6)	−0.089 (0.3)	−0.18 (0.05)	−0.19 (0.04)
MEdarkorange	−0.033 (0.7)	0.058 (0.5)	0.1 (0.3)	0.045 (0.6)	0.13 (0.2)	0.05 (0.6)	−0.014 (0.9)	−0.011 (0.9)	0.23 (0.01)	0.088 (0.3)	0.23 (0.01)	0.029 (0.8)	0.054 (0.6)	−0.022 (0.8)	−0.2 (0.03)	−0.21 (0.02)
MEgreenyellow	−0.029 (0.8)	0.031 (0.7)	0.067 (0.5)	0.06 (0.5)	0.099 (0.3)	0.058 (0.5)	−0.038 (0.7)	0.024 (0.8)	0.16 (0.09)	0.035 (0.7)	0.12 (0.2)	−0.044 (0.6)	0.05 (0.6)	−0.11 (0.2)	−0.16 (0.09)	−0.17 (0.06)
MElightsteelblue1	0.028 (0.8)	0.057 (0.5)	0.036 (0.7)	0.035 (0.7)	0.019 (0.8)	0.017 (0.9)	−0.00053 (1)	−0.02 (0.8)	0.18 (0.05)	0.09 (0.3)	0.2 (0.03)	0.074 (0.4)	−0.0059 (0.9)	0.02 (0.8)	−0.12 (0.2)	−0.12 (0.2)
MEgrey60	−0.018 (0.8)	0.05 (0.6)	0.038 (0.7)	4.5e−05 (1)	−0.033 (0.7)	0.071 (0.4)	0.039 (0.7)	0.044 (0.6)	0.15 (0.1)	0.052 (0.6)	0.1 (0.3)	−0.0092 (0.9)	0.013 (0.9)	−0.02 (0.8)	−0.13 (0.2)	−0.084 (0.4)
MEred	0.022 (0.8)	0.067 (0.5)	0.038 (0.7)	0.033 (0.7)	−0.0047 (1)	0.054 (0.6)	0.009 (0.9)	0.028 (0.8)	0.19 (0.04)	0.08 (0.4)	0.15 (0.1)	0.043 (0.6)	−0.00064 (1)	−0.014 (0.9)	−0.15 (0.1)	−0.12 (0.2)
MEtan	0.1 (0.3)	0.041 (0.7)	−0.045 (0.6)	0.0068 (0.9)	−0.12 (0.2)	0.042 (0.7)	0.029 (0.8)	0.072 (0.4)	0.047 (0.6)	0.017 (0.9)	−0.028 (0.8)	0.0013 (1)	−0.031 (0.7)	−0.035 (0.7)	0.00068 (1)	0.027 (0.8)
MEorange	0.0052 (1)	0.059 (0.5)	−0.031 (0.7)	−0.075 (0.4)	−0.12 (0.2)	0.0063 (0.9)	0.054 (0.6)	−0.00054 (1)	−0.016 (0.9)	0.049 (0.6)	−0.081 (0.4)	0.056 (0.5)	−0.039 (0.7)	−0.0032 (1)	0.046 (0.6)	−0.069 (0.5)
MEskyblue	−0.0032 (1)	0.064 (0.5)	−0.036 (0.7)	−0.019 (0.8)	−0.036 (0.7)	−0.048 (0.6)	−0.024 (0.8)	−0.0078 (0.9)	−0.022 (0.8)	0.059 (0.5)	−0.08 (0.4)	0.04 (0.7)	−0.042 (0.6)	−0.0063 (0.9)	0.024 (0.8)	−0.029 (0.8)
MEplum1	−0.024 (0.8)	0.0011 (1)	0.00062 (1)	−0.018 (0.8)	−0.1 (0.3)	−0.036 (0.7)	0.018 (0.8)	−0.036 (0.7)	−0.037 (0.7)	0.015 (0.9)	−0.024 (0.8)	−0.018 (0.8)	−0.037 (0.7)	0.02 (0.8)	0.055 (0.6)	0.012 (0.8)
MEdarkmagenta	0.00041 (1)	−0.014 (0.9)	−0.0065 (0.9)	0.0038 (1)	−0.064 (0.5)	−0.027 (0.8)	−0.004 (1)	−0.041 (0.7)	−0.0012 (1)	−0.00013 (1)	0.066 (0.5)	−0.062 (0.5)	−0.023 (0.8)	−2.2e−05 (1)	−0.0062 (0.9)	−0.047 (0.6)
MEdarkred	0.071 (0.4)	0.027 (0.8)	−0.0083 (0.9)	−0.036 (0.7)	−0.073 (0.4)	−0.036 (0.7)	0.015 (0.9)	−0.021 (0.8)	−0.047 (0.6)	0.03 (0.7)	−0.054 (0.6)	0.0069 (0.9)	−0.038 (0.7)	0.023 (0.8)	0.054 (0.6)	0.034 (0.7)
MEmediumpurple3	0.029 (0.8)	0.025 (0.8)	0.0095 (0.9)	−0.028 (0.8)	−0.012 (0.9)	−0.043 (0.6)	−0.024 (0.8)	−0.04 (0.7)	−0.1 (0.3)	0.024 (0.8)	−0.11 (0.2)	−0.036 (0.7)	−0.023 (0.8)	−0.035 (0.7)	0.09 (0.3)	0.0038 (1)
MEblue	−0.14 (0.1)	0.001 (1)	0.027 (0.8)	0.017 (0.9)	0.13 (0.2)	−0.03 (0.7)	−0.07 (0.5)	−0.034 (0.7)	−0.052 (0.6)	0.0012 (1)	−0.055 (0.6)	0.029 (0.8)	0.016 (0.9)	−0.068 (0.5)	0.0036 (1)	−0.081 (0.4)
MEskyblue3	−0.069 (0.5)	−0.044 (0.6)	0.07 (0.4)	0.015 (0.9)	0.15 (0.1)	−0.099 (0.3)	−0.084 (0.4)	−0.13 (0.2)	−0.15 (0.1)	−0.024 (0.8)	−0.044 (0.6)	−0.015 (0.9)	0.029 (0.8)	−0.0034 (1)	0.038 (0.7)	−0.081 (0.4)
MEdarkgreen	0.18 (0.05)	0.0074 (0.9)	−0.0013 (1)	−0.046 (0.6)	−0.1 (0.3)	0.039 (0.7)	0.067 (0.5)	0.035 (0.7)	0.006 (0.9)	−0.005 (1)	−0.022 (0.8)	−0.0038 (1)	−0.02 (0.8)	0.035 (0.7)	0.02 (0.8)	0.052 (0.6)
MEsteelblue	0.2 (0.03)	−0.043 (0.6)	0.03 (0.7)	−0.051 (0.6)	0.023 (0.8)	0.05 (0.6)	0.071 (0.4)	0.021 (0.8)	0.03 (0.7)	−0.048 (0.6)	0.046 (0.6)	−0.037 (0.7)	0.019 (0.8)	0.022 (0.8)	−0.00043 (1)	−0.039 (0.7)
MEmidnightblue	0.081 (0.4)	0.033 (0.7)	−0.022 (0.8)	−0.022 (0.8)	−0.14 (0.1)	0.019 (0.8)	0.047 (0.6)	0.0028 (1)	−0.0041 (1)	0.027 (0.8)	−0.0063 (0.9)	−0.031 (0.7)	−0.05 (0.9)	0.0054 (1)	0.071 (0.4)	0.043 (0.6)
MEpaleturquoise	0.076 (0.4)	0.043 (0.6)	−0.023 (0.8)	−0.071 (0.4)	−0.12 (0.2)	0.048 (0.6)	0.092 (0.3)	0.037 (0.7)	−0.0076 (0.9)	0.022 (0.8)	−0.055 (0.6)	−0.053 (0.6)	0.013 (0.9)	−0.017 (0.9)	0.052 (0.6)	0.032 (0.7)
MEpurple	0.0059 (0.9)	−0.0048 (1)	−0.0079 (0.8)	0.029 (0.8)	0.014 (0.9)	0.033 (0.7)	0.0073 (0.9)	0.0084 (0.9)	−0.0051 (1)	−0.012 (0.9)	0.015 (0.9)	−0.073 (0.4)	0.02 (0.8)	−0.048 (0.6)	−0.00043 (1)	0.0089 (0.9)
MEsienna3	0.12 (0.2)	−0.019 (0.8)	−0.014 (0.9)	0.023 (0.8)	0.035 (0.7)	0.036 (0.7)	0.011 (0.9)	0.016 (0.9)	0.018 (0.8)	−0.026 (0.8)	0.022 (0.8)	−0.031 (0.7)	0.025 (0.8)	−0.05 (0.6)	0.0013 (1)	0.014 (0.9)
MEbrown	0.023 (0.8)	−0.01 (0.9)	−0.011 (0.9)	0.016 (0.9)	0.0059 (0.9)	0.048 (0.6)	0.018 (0.8)	0.025 (0.8)	0.0095 (0.9)	−0.023 (0.8)	0.0038 (0.9)	−0.051 (0.6)	0.018 (0.8)	−0.06 (0.5)	−0.0013 (1)	0.013 (0.9)
MEsalmon	0.025 (0.8)	0.02 (0.8)	−0.0094 (0.9)	0.03 (0.7)	−0.032 (0.7)	0.06 (0.5)	0.016 (0.9)	0.055 (0.6)	0.078 (0.4)	0.0054 (1)	0.05 (0.6)	−0.03 (0.7)	−0.013 (0.9)	−0.034 (0.7)	−0.042 (0.6)	0.0063 (0.9)
MEgrey	0.03 (0.9)	−0.0076 (0.7)	0.032 (0.7)	0.00071 (1)	0.09 (0.3)	−0.019 (0.9)	−0.013 (0.9)	−0.056 (0.9)	−0.041 (0.9)	0.00092 (1)	0.0063 (0.9)	0.016 (0.9)	0.05 (0.9)	−0.012 (0.9)	−0.021 (0.8)	−0.018 (0.8)