Module kME–Trait Correlation

Module	Ancestry	Sex	Age	mitoRate	rRNA_rate	totalAssignedGene	overallMapRate	qPC1	qPC2	qPC3	qPC4	qPC5	qPC6	qPC7	qPC8	qPC9
MEsaddlebrown	0.15 (0.03)	−0.0063 (0.9)	−0.019 (0.8)	−0.0058 (0.9)	0.013 (0.9)	−0.0037 (1)	−0.0039 (1)	−0.0052 (0.9)	−0.031 (0.7)	−0.011 (0.9)	−0.052 (0.5)	0.085 (0.2)	−0.049 (0.5)	0.011 (0.9)	−0.0095 (0.9)	−0.0061 (0.9)
MEturquoise	0.059 (0.4)	−0.011 (0.9)	−0.0023 (1)	−0.041 (0.6)	0.064 (0.4)	−0.039 (0.6)	0.0013 (1)	−0.05 (0.5)	−0.18 (0.01)	−0.025 (0.7)	−0.19 (0.007)	0.031 (0.7)	0.0078 (0.9)	−0.0046 (0.9)	0.1 (0.1)	0.071 (0.3)
MEbrown	0.074 (0.3)	0.011 (0.9)	0.027 (0.7)	−0.016 (0.8)	0.056 (0.4)	−0.037 (0.6)	−0.026 (0.7)	−0.052 (0.5)	−0.061 (0.4)	0.02 (0.8)	−0.033 (0.6)	0.038 (0.6)	0.00096 (1)	0.051 (0.5)	0.021 (0.8)	0.0029 (1)
MEgrey60	0.1 (0.1)	−0.0069 (0.9)	0.013 (0.8)	−0.03 (0.7)	0.092 (0.2)	−0.04 (0.6)	−0.0091 (0.9)	−0.052 (0.5)	−0.11 (0.1)	−0.0092 (0.9)	−0.095 (0.2)	0.051 (0.5)	0.015 (0.8)	0.028 (0.7)	0.063 (0.4)	0.027 (0.7)
MEgreen	0.0019 (1)	−0.056 (0.4)	−0.013 (0.9)	0.031 (0.7)	0.027 (0.7)	0.022 (0.8)	−0.016 (0.8)	0.006 (0.9)	−0.068 (0.3)	−0.076 (0.3)	−0.063 (0.4)	−0.078 (0.3)	0.052 (0.5)	−0.089 (0.2)	−0.0012 (1)	0.02 (0.8)
MEorange	0.072 (0.3)	−0.025 (0.7)	−0.0037 (1)	0.02 (0.8)	0.059 (0.4)	0.025 (0.7)	−0.019 (0.8)	0.0092 (0.9)	−0.029 (0.7)	−0.038 (0.6)	−0.031 (0.7)	−0.077 (0.3)	0.041 (0.6)	−0.079 (0.3)	−0.014 (0.8)	−0.0042 (1)
MEsteelblue	0.11 (0.1)	−0.032 (0.6)	−0.017 (0.8)	0.041 (0.6)	−0.0068 (0.9)	0.02 (0.8)	−0.0041 (1)	0.023 (0.7)	0.032 (0.7)	−0.029 (0.7)	0.049 (0.5)	−0.015 (0.8)	−0.0032 (1)	−0.00018 (1)	0.033 (0.6)	0.029 (0.7)
MEmidnightblue	0.076 (0.3)	−0.019 (0.8)	−0.015 (0.8)	0.049 (0.5)	−0.034 (0.6)	−0.002 (1)	−0.037 (0.6)	0.01 (0.9)	0.022 (0.8)	−0.017 (0.8)	0.03 (0.7)	0.0067 (0.9)	−0.026 (0.7)	−0.015 (0.8)	−0.078 (0.3)	0.021 (0.8)
MEskyblue	0.089 (0.2)	−0.035 (0.6)	−0.0061 (0.9)	0.074 (0.3)	0.035 (0.6)	0.0045 (0.9)	−0.07 (0.3)	0.0023 (1)	−0.016 (0.8)	−0.038 (0.6)	0.0025 (1)	−0.051 (0.5)	0.034 (0.6)	−0.062 (0.4)	−0.049 (0.5)	0.0017 (1)
MEpurple	−0.066 (0.3)	0.013 (0.9)	0.013 (0.8)	−0.011 (0.9)	−0.046 (0.5)	−0.0024 (1)	0.0071 (0.9)	0.0097 (0.9)	0.047 (0.5)	0.021 (0.8)	0.035 (0.6)	0.0074 (0.9)	−0.026 (0.7)	0.0054 (0.9)	−0.015 (0.8)	−0.027 (0.7)
MEroyalblue	−0.059 (0.4)	−0.0054 (0.9)	−0.0082 (0.9)	0.0028 (1)	−0.018 (0.8)	0.014 (0.8)	0.028 (0.7)	0.024 (0.7)	0.038 (0.6)	−0.0074 (0.9)	0.018 (0.8)	0.019 (0.8)	−0.0032 (1)	−0.011 (0.9)	0.014 (0.9)	−0.0031 (1)
MEdarkgrey	0.028 (0.7)	0.0065 (0.9)	0.031 (0.7)	−0.032 (0.6)	0.062 (0.4)	−0.024 (0.7)	−0.0024 (1)	−0.035 (0.6)	−0.064 (0.4)	0.0053 (0.9)	−0.061 (0.4)	−0.022 (0.8)	0.03 (0.7)	−0.0088 (0.9)	0.039 (0.6)	−0.015 (0.8)
MEpink	0.043 (0.5)	0.0075 (0.9)	0.038 (0.6)	−0.023 (0.7)	0.0094 (0.9)	−0.014 (0.8)	−0.011 (0.9)	−0.016 (0.8)	−0.0052 (0.9)	0.012 (0.9)	0.0021 (1)	−0.042 (0.6)	0.014 (0.8)	−0.0067 (0.9)	−0.015 (0.8)	−0.03 (0.7)
MElightyellow	0.16 (0.03)	0.069 (0.3)	−0.021 (0.8)	−0.012 (0.9)	−0.093 (0.2)	−0.01 (0.9)	0.0093 (0.9)	0.017 (0.8)	0.083 (0.2)	0.081 (0.3)	0.055 (0.4)	0.075 (0.3)	−0.071 (0.3)	0.062 (0.4)	−0.00062 (1)	−0.032 (0.6)
MEpaleturquoise	−0.0099 (0.9)	0.088 (0.2)	−0.039 (0.6)	−0.019 (0.8)	0.045 (0.5)	−0.12 (0.09)	−0.051 (0.5)	−0.084 (0.2)	0.046 (0.5)	0.14 (0.04)	0.069 (0.3)	0.32 (3e−06)	−0.19 (0.007)	0.19 (0.007)	0.063 (0.4)	−0.043 (0.5)
MEblack	0.22 (0.001)	0.072 (0.3)	−0.002 (1)	−0.075 (0.3)	−0.12 (0.1)	0.047 (0.5)	0.091 (0.2)	0.086 (0.2)	0.18 (0.009)	0.073 (0.3)	0.12 (0.09)	0.077 (0.3)	−0.096 (0.2)	0.097 (0.2)	−0.06 (0.4)	−0.029 (0.7)
MElightcyan	0.081 (0.3)	0.056 (0.4)	−0.018 (0.8)	−0.014 (0.8)	−0.14 (0.04)	−0.052 (0.5)	0.00051 (1)	0.0078 (0.9)	0.11 (0.1)	0.087 (0.2)	0.094 (0.2)	0.19 (0.006)	−0.14 (0.04)	0.13 (0.06)	0.013 (0.8)	0.0025 (1)
MEdarkorange	−0.053 (0.4)	−0.039 (0.6)	−0.044 (0.5)	0.035 (0.6)	−0.055 (0.4)	0.044 (0.5)	0.046 (0.5)	0.058 (0.4)	0.037 (0.6)	−0.056 (0.4)	0.0081 (0.9)	0.024 (0.7)	−0.0015 (1)	−0.035 (0.6)	0.01 (0.9)	0.058 (0.4)
MEgreenyellow	−0.049 (0.5)	−0.024 (0.7)	−0.07 (0.3)	0.029 (0.7)	−0.055 (0.4)	0.043 (0.5)	0.047 (0.5)	0.08 (0.3)	0.073 (0.3)	−0.044 (0.5)	0.014 (0.8)	0.094 (0.2)	−0.05 (0.5)	−0.013 (0.8)	0.015 (0.8)	0.072 (0.3)
MElightgreen	0.024 (0.7)	−0.011 (0.9)	−0.016 (0.8)	−0.016 (0.8)	0.027 (0.7)	−0.002 (1)	0.021 (0.8)	0.0054 (0.9)	−0.029 (0.7)	−0.021 (0.8)	−0.048 (0.5)	0.064 (0.4)	−0.013 (0.9)	0.00079 (1)	0.04 (0.6)	0.028 (0.7)
MEred	−0.012 (0.9)	−0.0062 (0.9)	−0.019 (0.8)	0.0021 (1)	−0.065 (0.4)	0.02 (0.8)	0.028 (0.7)	0.03 (0.7)	0.019 (0.8)	−0.014 (0.8)	0.0023 (1)	0.023 (0.7)	−0.028 (0.7)	0.014 (0.8)	0.0035 (1)	0.034 (0.6)
MEtan	−0.033 (0.6)	−9e−04 (1)	−0.047 (0.5)	−0.0039 (1)	−0.08 (0.3)	0.03 (0.7)	0.057 (0.4)	0.057 (0.4)	0.069 (0.3)	−0.011 (0.9)	0.029 (0.7)	0.088 (0.2)	−0.065 (0.4)	0.022 (0.8)	0.0098 (0.9)	0.046 (0.5)
MEdarkturquoise	−0.24 (6e−04)	0.024 (0.7)	−0.012 (0.9)	−0.0039 (1)	−0.1 (0.2)	0.013 (0.9)	0.031 (0.7)	0.027 (0.7)	0.093 (0.2)	0.036 (0.6)	0.086 (0.2)	0.02 (0.8)	−0.055 (0.4)	0.045 (0.5)	−0.026 (0.7)	0.0017 (1)
MEviolet	−0.11 (0.1)	0.042 (0.6)	0.0014 (1)	0.011 (0.9)	−0.041 (0.6)	−0.012 (0.9)	0.0098 (0.9)	−0.0055 (0.9)	0.1 (0.2)	0.068 (0.3)	0.11 (0.1)	0.072 (0.3)	−0.05 (0.5)	0.072 (0.3)	−0.013 (0.9)	−0.028 (0.7)
MEwhite	−0.095 (0.2)	0.023 (0.7)	−0.0065 (0.9)	0.0062 (0.9)	0.032 (0.7)	−0.013 (0.8)	0.008 (0.9)	−0.013 (0.9)	0.031 (0.7)	0.034 (0.6)	0.034 (0.6)	0.11 (0.1)	−0.027 (0.7)	0.055 (0.4)	0.0081 (0.9)	0.0086 (0.9)
MEdarkred	−0.23 (0.001)	0.029 (0.7)	−0.025 (0.7)	8.5e−05 (1)	−0.074 (0.3)	0.026 (0.7)	0.045 (0.5)	0.046 (0.5)	0.11 (0.1)	0.034 (0.6)	0.085 (0.2)	0.08 (0.3)	−0.059 (0.4)	0.05 (0.5)	−0.021 (0.8)	0.015 (0.8)
MEsalmon	−0.16 (0.02)	0.03 (0.7)	−0.022 (0.8)	−0.012 (0.9)	−0.071 (0.3)	0.024 (0.7)	0.053 (0.5)	0.04 (0.6)	0.094 (0.2)	0.033 (0.6)	0.066 (0.4)	0.1 (0.1)	−0.061 (0.4)	0.067 (0.3)	−0.004 (1)	0.025 (0.7)
MEdarkgreen	−0.16 (0.02)	−0.024 (0.7)	−0.00028 (1)	0.0071 (0.9)	−0.06 (0.4)	−0.013 (0.9)	0.014 (0.8)	−0.02 (0.8)	−0.052 (0.5)	−0.019 (0.8)	−0.022 (0.7)	0.0087 (0.9)	−0.022 (0.8)	0.045 (0.5)	0.035 (0.6)	0.056 (0.4)
MEblue	−0.069 (0.3)	−0.026 (0.7)	−0.0032 (1)	0.018 (0.8)	−0.08 (0.3)	0.01 (0.9)	−0.0058 (0.9)	0.014 (0.8)	0.022 (0.8)	−0.023 (0.7)	0.038 (0.6)	−0.078 (0.3)	−0.0029 (1)	−0.026 (0.7)	−0.049 (0.5)	0.0071 (0.9)
MEyellow	−0.17 (0.02)	−0.002 (1)	−0.024 (0.7)	0.0019 (1)	−0.11 (0.1)	0.0082 (0.9)	0.024 (0.7)	0.032 (0.7)	0.079 (0.3)	0.0069 (0.9)	0.076 (0.3)	0.012 (0.9)	−0.056 (0.4)	0.02 (0.8)	−0.044 (0.5)	0.017 (0.8)
MEcyan	−0.2 (0.005)	−0.026 (0.7)	−0.023 (0.7)	0.019 (0.8)	−0.11 (0.1)	0.011 (0.9)	0.015 (0.8)	0.027 (0.7)	0.019 (0.8)	−0.027 (0.7)	0.029 (0.7)	−0.024 (0.7)	−0.026 (0.7)	0.016 (0.8)	−0.033 (0.6)	0.056 (0.4)
MEmagenta	−0.099 (0.2)	−0.048 (0.5)	−0.024 (0.7)	0.025 (0.7)	−0.064 (0.4)	−0.0096 (0.9)	−0.0051 (0.9)	0.0056 (0.9)	−0.072 (0.3)	−0.059 (0.4)	−0.057 (0.4)	−0.017 (0.8)	−0.015 (0.8)	9e−04 (1)	−4e−04 (1)	0.09 (0.2)
MEgrey	−0.03 (0.7)	0.035 (0.6)	0.039 (0.7)	−0.012 (0.7)	−0.015 (0.9)	−0.026 (0.7)	−0.043 (0.5)	−0.032 (0.7)	0.0097 (0.9)	0.053 (0.4)	0.025 (0.7)	0.002 (1)	−0.024 (0.7)	0.047 (0.7)	−0.042 (0.6)	−0.023 (0.7)