

**Table S7** Pairwise genetic relatedness ( $r$ ) for all 72 *Elephas maximus*, Linnaeus, 1758 individuals in the National Elephant Institute of Thailand. Detailed information on all individuals is presented in Table S1.

Sample 1	Sample 2	$r$
EMAf1	EMAf2	0.206
EMAf1	EMAf3	-0.003
EMAf2	EMAf3	0.009
EMAf1	EMAf4	0.108
EMAf2	EMAf4	-0.003
EMAf3	EMAf4	0.023
EMAf1	EMAf5	0.005
EMAf2	EMAf5	-0.010
EMAf3	EMAf5	0.029
EMAf4	EMAf5	0.060
EMAf1	EMAf6	0.009
EMAf2	EMAf6	0.129
EMAf3	EMAf6	0.072
EMAf4	EMAf6	0.052
EMAf5	EMAf6	0.045
EMAf1	EMAf7	-0.001
EMAf2	EMAf7	0.035
EMAf3	EMAf7	0.035
EMAf4	EMAf7	0.105
EMAf5	EMAf7	0.023
EMAf6	EMAf7	0.091
EMAf1	EMAf8	0.102
EMAf2	EMAf8	0.058
EMAf3	EMAf8	0.002
EMAf4	EMAf8	0.056
EMAf5	EMAf8	0.002
EMAf6	EMAf8	0.033
EMAf7	EMAf8	0.058
EMAf1	EMAf9	-0.033
EMAf2	EMAf9	-0.022
EMAf3	EMAf9	-0.010
EMAf4	EMAf9	0.011
EMAf5	EMAf9	-0.018
EMAf6	EMAf9	-0.002
EMAf7	EMAf9	0.007
EMAf8	EMAf9	0.023
EMAf1	EMAf10	0.001
EMAf2	EMAf10	0.090
EMAf3	EMAf10	-0.005
EMAf4	EMAf10	-0.001
EMAf5	EMAf10	-0.010
EMAf6	EMAf10	0.010
EMAf7	EMAf10	0.006
EMAf8	EMAf10	0.083

Sample 1	Sample 2	<i>r</i>
EMAf9	EMAf10	-0.025
EMAf1	EMAm1	-0.023
EMAf2	EMAm1	0.007
EMAf3	EMAm1	0.002
EMAf4	EMAm1	-0.009
EMAf5	EMAm1	0.038
EMAf6	EMAm1	0.019
EMAf7	EMAm1	0.005
EMAf8	EMAm1	0.003
EMAf9	EMAm1	-0.018
EMAf10	EMAm1	0.048
EMAf1	EMAm2	-0.007
EMAf2	EMAm2	-0.003
EMAf3	EMAm2	-0.005
EMAf4	EMAm2	-0.024
EMAf5	EMAm2	0.007
EMAf6	EMAm2	0.118
EMAf7	EMAm2	0.011
EMAf8	EMAm2	0.034
EMAf9	EMAm2	-0.046
EMAf10	EMAm2	-0.055
EMAm1	EMAm2	-0.016
EMAf1	EMAm3	0.011
EMAf2	EMAm3	0.010
EMAf3	EMAm3	0.063
EMAf4	EMAm3	0.003
EMAf5	EMAm3	-0.013
EMAf6	EMAm3	0.079
EMAf7	EMAm3	0.096
EMAf8	EMAm3	0.005
EMAf9	EMAm3	-0.011
EMAf10	EMAm3	0.017
EMAm1	EMAm3	-0.018
EMAm2	EMAm3	-0.018
EMAf1	EMAm4	0.020
EMAf2	EMAm4	-0.033
EMAf3	EMAm4	0.026
EMAf4	EMAm4	0.026
EMAf5	EMAm4	-0.015
EMAf6	EMAm4	0.051
EMAf7	EMAm4	0.005
EMAf8	EMAm4	0.021
EMAf9	EMAm4	-0.013
EMAf10	EMAm4	0.041
EMAm1	EMAm4	0.012
EMAm2	EMAm4	-0.057

Sample 1	Sample 2	<i>r</i>
EMAm3	EMAm4	0.061
EMAf1	EMAm5	-0.018
EMAf2	EMAm5	-0.047
EMAf3	EMAm5	0.014
EMAf4	EMAm5	0.017
EMAf5	EMAm5	0.053
EMAf6	EMAm5	0.029
EMAf7	EMAm5	0.023
EMAf8	EMAm5	-0.030
EMAf9	EMAm5	0.023
EMAf10	EMAm5	-0.010
EMAm1	EMAm5	0.006
EMAm2	EMAm5	0.006
EMAm3	EMAm5	-0.005
EMAm4	EMAm5	0.003
EMAf1	EMAm6	0.005
EMAf2	EMAm6	-0.030
EMAf3	EMAm6	0.006
EMAf4	EMAm6	0.001
EMAf5	EMAm6	0.017
EMAf6	EMAm6	0.034
EMAf7	EMAm6	0.070
EMAf8	EMAm6	-0.010
EMAf9	EMAm6	-0.008
EMAf10	EMAm6	-0.035
EMAm1	EMAm6	-0.015
EMAm2	EMAm6	-0.016
EMAm3	EMAm6	0.091
EMAm4	EMAm6	0.176
EMAm5	EMAm6	0.030
EMAf1	EMAm7	0.025
EMAf2	EMAm7	-0.019
EMAf3	EMAm7	-0.011
EMAf4	EMAm7	0.023
EMAf5	EMAm7	0.004
EMAf6	EMAm7	0.031
EMAf7	EMAm7	0.023
EMAf8	EMAm7	-0.015
EMAf9	EMAm7	0.063
EMAf10	EMAm7	-0.028
EMAm1	EMAm7	0.128
EMAm2	EMAm7	-0.029
EMAm3	EMAm7	0.006
EMAm4	EMAm7	0.077
EMAm5	EMAm7	0.080
EMAm6	EMAm7	0.019

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf1	EMAm8	0.044
EMAf2	EMAm8	0.056
EMAf3	EMAm8	-0.013
EMAf4	EMAm8	0.088
EMAf5	EMAm8	0.046
EMAf6	EMAm8	0.041
EMAf7	EMAm8	0.072
EMAf8	EMAm8	0.081
EMAf9	EMAm8	-0.017
EMAf10	EMAm8	0.066
EMAm1	EMAm8	0.025
EMAm2	EMAm8	-0.018
EMAm3	EMAm8	-0.019
EMAm4	EMAm8	0.000
EMAm5	EMAm8	0.016
EMAm6	EMAm8	0.150
EMAm7	EMAm8	0.021
EMAf1	EMAm9	0.004
EMAf2	EMAm9	-0.022
EMAf3	EMAm9	0.013
EMAf4	EMAm9	-0.036
EMAf5	EMAm9	0.026
EMAf6	EMAm9	0.019
EMAf7	EMAm9	0.090
EMAf8	EMAm9	0.017
EMAf9	EMAm9	0.011
EMAf10	EMAm9	-0.027
EMAm1	EMAm9	0.026
EMAm2	EMAm9	-0.010
EMAm3	EMAm9	0.067
EMAm4	EMAm9	-0.001
EMAm5	EMAm9	0.042
EMAm6	EMAm9	0.088
EMAm7	EMAm9	0.008
EMAm8	EMAm9	-0.017
EMAf1	EMAm10	0.004
EMAf2	EMAm10	-0.006
EMAf3	EMAm10	0.056
EMAf4	EMAm10	0.109
EMAf5	EMAm10	0.015
EMAf6	EMAm10	0.063
EMAf7	EMAm10	0.085
EMAf8	EMAm10	0.112
EMAf9	EMAm10	-0.015
EMAf10	EMAm10	0.059
EMAm1	EMAm10	0.029

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm2	EMAm10	-0.051
EMAm3	EMAm10	0.068
EMAm4	EMAm10	0.106
EMAm5	EMAm10	-0.016
EMAm6	EMAm10	-0.002
EMAm7	EMAm10	-0.007
EMAm8	EMAm10	0.178
EMAm9	EMAm10	-0.019
EMAf1	EMAm11	-0.020
EMAf2	EMAm11	0.067
EMAf3	EMAm11	-0.027
EMAf4	EMAm11	-0.013
EMAf5	EMAm11	-0.019
EMAf6	EMAm11	0.014
EMAf7	EMAm11	0.008
EMAf8	EMAm11	0.011
EMAf9	EMAm11	0.032
EMAf10	EMAm11	-0.030
EMAm1	EMAm11	0.022
EMAm2	EMAm11	-0.004
EMAm3	EMAm11	-0.027
EMAm4	EMAm11	-0.043
EMAm5	EMAm11	0.050
EMAm6	EMAm11	-0.019
EMAm7	EMAm11	0.034
EMAm8	EMAm11	-0.032
EMAm9	EMAm11	-0.022
EMAm10	EMAm11	0.069
EMAf1	EMAm12	0.007
EMAf2	EMAm12	-0.019
EMAf3	EMAm12	-0.027
EMAf4	EMAm12	-0.023
EMAf5	EMAm12	0.059
EMAf6	EMAm12	0.096
EMAf7	EMAm12	-0.017
EMAf8	EMAm12	0.074
EMAf9	EMAm12	-0.041
EMAf10	EMAm12	-0.049
EMAm1	EMAm12	0.036
EMAm2	EMAm12	0.207
EMAm3	EMAm12	-0.033
EMAm4	EMAm12	-0.030
EMAm5	EMAm12	0.015
EMAm6	EMAm12	-0.005
EMAm7	EMAm12	-0.005
EMAm8	EMAm12	-0.031

Sample 1	Sample 2	$r$
EMAm9	EMAm12	-0.004
EMAm10	EMAm12	0.045
EMAm11	EMAm12	0.078
EMAf1	EMAm13	-0.041
EMAf2	EMAm13	-0.040
EMAf3	EMAm13	-0.016
EMAf4	EMAm13	-0.023
EMAf5	EMAm13	-0.003
EMAf6	EMAm13	-0.015
EMAf7	EMAm13	-0.032
EMAf8	EMAm13	-0.032
EMAf9	EMAm13	0.007
EMAf10	EMAm13	-0.044
EMAm1	EMAm13	0.004
EMAm2	EMAm13	-0.038
EMAm3	EMAm13	-0.045
EMAm4	EMAm13	-0.045
EMAm5	EMAm13	-0.013
EMAm6	EMAm13	0.026
EMAm7	EMAm13	-0.029
EMAm8	EMAm13	-0.032
EMAm9	EMAm13	-0.003
EMAm10	EMAm13	-0.025
EMAm11	EMAm13	0.074
EMAm12	EMAm13	-0.042
EMAf1	EMAm14	-0.001
EMAf2	EMAm14	-0.002
EMAf3	EMAm14	-0.022
EMAf4	EMAm14	-0.010
EMAf5	EMAm14	0.010
EMAf6	EMAm14	-0.023
EMAf7	EMAm14	-0.014
EMAf8	EMAm14	0.076
EMAf9	EMAm14	0.169
EMAf10	EMAm14	-0.034
EMAm1	EMAm14	-0.019
EMAm2	EMAm14	0.023
EMAm3	EMAm14	-0.034
EMAm4	EMAm14	-0.032
EMAm5	EMAm14	-0.030
EMAm6	EMAm14	-0.011
EMAm7	EMAm14	-0.032
EMAm8	EMAm14	-0.009
EMAm9	EMAm14	0.012
EMAm10	EMAm14	-0.016
EMAm11	EMAm14	-0.012

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm12	EMAm14	0.001
EMAm13	EMAm14	-0.006
EMAf1	EMAm15	0.056
EMAf2	EMAm15	-0.013
EMAf3	EMAm15	-0.028
EMAf4	EMAm15	-0.023
EMAf5	EMAm15	0.059
EMAf6	EMAm15	-0.012
EMAf7	EMAm15	-0.021
EMAf8	EMAm15	0.109
EMAf9	EMAm15	-0.024
EMAf10	EMAm15	-0.044
EMAm1	EMAm15	-0.024
EMAm2	EMAm15	0.083
EMAm3	EMAm15	-0.035
EMAm4	EMAm15	-0.045
EMAm5	EMAm15	-0.039
EMAm6	EMAm15	-0.021
EMAm7	EMAm15	-0.045
EMAm8	EMAm15	0.039
EMAm9	EMAm15	0.100
EMAm10	EMAm15	-0.032
EMAm11	EMAm15	0.044
EMAm12	EMAm15	0.305
EMAm13	EMAm15	-0.019
EMAm14	EMAm15	0.024
EMAf1	EMAm16	0.039
EMAf2	EMAm16	-0.015
EMAf3	EMAm16	-0.041
EMAf4	EMAm16	-0.005
EMAf5	EMAm16	-0.014
EMAf6	EMAm16	0.010
EMAf7	EMAm16	0.003
EMAf8	EMAm16	0.034
EMAf9	EMAm16	-0.025
EMAf10	EMAm16	-0.039
EMAm1	EMAm16	-0.034
EMAm2	EMAm16	0.038
EMAm3	EMAm16	0.061
EMAm4	EMAm16	0.022
EMAm5	EMAm16	-0.005
EMAm6	EMAm16	-0.012
EMAm7	EMAm16	0.118
EMAm8	EMAm16	-0.007
EMAm9	EMAm16	-0.019
EMAm10	EMAm16	-0.018

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm11	EMAm16	0.032
EMAm12	EMAm16	0.102
EMAm13	EMAm16	-0.056
EMAm14	EMAm16	0.013
EMAm15	EMAm16	0.061
EMAf1	EMAm17	0.008
EMAf2	EMAm17	0.015
EMAf3	EMAm17	0.014
EMAf4	EMAm17	-0.007
EMAf5	EMAm17	0.056
EMAf6	EMAm17	0.040
EMAf7	EMAm17	-0.002
EMAf8	EMAm17	0.078
EMAf9	EMAm17	-0.015
EMAf10	EMAm17	0.025
EMAm1	EMAm17	-0.021
EMAm2	EMAm17	0.016
EMAm3	EMAm17	0.019
EMAm4	EMAm17	0.002
EMAm5	EMAm17	-0.043
EMAm6	EMAm17	0.006
EMAm7	EMAm17	0.021
EMAm8	EMAm17	-0.032
EMAm9	EMAm17	-0.013
EMAm10	EMAm17	0.015
EMAm11	EMAm17	0.062
EMAm12	EMAm17	0.143
EMAm13	EMAm17	0.011
EMAm14	EMAm17	0.031
EMAm15	EMAm17	0.162
EMAm16	EMAm17	0.103
EMAf1	EMAm18	-0.017
EMAf2	EMAm18	-0.030
EMAf3	EMAm18	0.021
EMAf4	EMAm18	0.026
EMAf5	EMAm18	0.046
EMAf6	EMAm18	0.012
EMAf7	EMAm18	0.021
EMAf8	EMAm18	0.007
EMAf9	EMAm18	-0.027
EMAf10	EMAm18	-0.033
EMAm1	EMAm18	0.010
EMAm2	EMAm18	0.078
EMAm3	EMAm18	-0.023
EMAm4	EMAm18	-0.019
EMAm5	EMAm18	0.074



<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm6	EMAm18	-0.001
EMAm7	EMAm18	-0.018
EMAm8	EMAm18	0.006
EMAm9	EMAm18	0.002
EMAm10	EMAm18	0.006
EMAm11	EMAm18	-0.039
EMAm12	EMAm18	-0.001
EMAm13	EMAm18	0.005
EMAm14	EMAm18	0.046
EMAm15	EMAm18	0.005
EMAm16	EMAm18	-0.013
EMAm17	EMAm18	0.019
EMAf1	EMAm19	-0.003
EMAf2	EMAm19	-0.021
EMAf3	EMAm19	-0.024
EMAf4	EMAm19	-0.008
EMAf5	EMAm19	0.003
EMAf6	EMAm19	0.007
EMAf7	EMAm19	-0.020
EMAf8	EMAm19	0.028
EMAf9	EMAm19	0.000
EMAf10	EMAm19	-0.038
EMAm1	EMAm19	-0.019
EMAm2	EMAm19	0.004
EMAm3	EMAm19	-0.027
EMAm4	EMAm19	-0.007
EMAm5	EMAm19	-0.028
EMAm6	EMAm19	-0.035
EMAm7	EMAm19	0.014
EMAm8	EMAm19	0.006
EMAm9	EMAm19	-0.011
EMAm10	EMAm19	-0.015
EMAm11	EMAm19	0.038
EMAm12	EMAm19	0.045
EMAm13	EMAm19	-0.040
EMAm14	EMAm19	0.026
EMAm15	EMAm19	0.044
EMAm16	EMAm19	0.109
EMAm17	EMAm19	0.044
EMAm18	EMAm19	-0.038
EMAf1	EMAm20	-0.029
EMAf2	EMAm20	-0.020
EMAf3	EMAm20	-0.006
EMAf4	EMAm20	0.024
EMAf5	EMAm20	0.006
EMAf6	EMAm20	-0.012

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf7	EMAm20	-0.021
EMAf8	EMAm20	0.025
EMAf9	EMAm20	0.016
EMAf10	EMAm20	-0.004
EMAm1	EMAm20	0.021
EMAm2	EMAm20	-0.040
EMAm3	EMAm20	0.005
EMAm4	EMAm20	0.046
EMAm5	EMAm20	-0.027
EMAm6	EMAm20	0.008
EMAm7	EMAm20	-0.028
EMAm8	EMAm20	-0.003
EMAm9	EMAm20	-0.042
EMAm10	EMAm20	0.041
EMAm11	EMAm20	-0.023
EMAm12	EMAm20	0.064
EMAm13	EMAm20	-0.007
EMAm14	EMAm20	-0.018
EMAm15	EMAm20	0.229
EMAm16	EMAm20	-0.027
EMAm17	EMAm20	-0.009
EMAm18	EMAm20	-0.017
EMAm19	EMAm20	0.067
EMAf1	EMAf11	-0.046
EMAf2	EMAf11	-0.045
EMAf3	EMAf11	-0.041
EMAf4	EMAf11	-0.008
EMAf5	EMAf11	-0.023
EMAf6	EMAf11	-0.035
EMAf7	EMAf11	-0.028
EMAf8	EMAf11	-0.035
EMAf9	EMAf11	0.022
EMAf10	EMAf11	-0.039
EMAm1	EMAf11	-0.039
EMAm2	EMAf11	-0.048
EMAm3	EMAf11	-0.036
EMAm4	EMAf11	0.024
EMAm5	EMAf11	-0.023
EMAm6	EMAf11	-0.012
EMAm7	EMAf11	-0.051
EMAm8	EMAf11	-0.023
EMAm9	EMAf11	-0.029
EMAm10	EMAf11	-0.043
EMAm11	EMAf11	-0.049
EMAm12	EMAf11	-0.049
EMAm13	EMAf11	0.061

Sample 1	Sample 2	<i>r</i>
EMAm14	EMAf11	-0.026
EMAm15	EMAf11	-0.045
EMAm16	EMAf11	-0.047
EMAm17	EMAf11	-0.046
EMAm18	EMAf11	0.016
EMAm19	EMAf11	-0.059
EMAm20	EMAf11	-0.020
EMAf1	EMAf12	-0.041
EMAf2	EMAf12	-0.052
EMAf3	EMAf12	-0.038
EMAf4	EMAf12	-0.025
EMAf5	EMAf12	-0.018
EMAf6	EMAf12	-0.040
EMAf7	EMAf12	-0.034
EMAf8	EMAf12	-0.038
EMAf9	EMAf12	-0.024
EMAf10	EMAf12	-0.048
EMAm1	EMAf12	-0.020
EMAm2	EMAf12	-0.047
EMAm3	EMAf12	-0.011
EMAm4	EMAf12	-0.033
EMAm5	EMAf12	-0.022
EMAm6	EMAf12	-0.037
EMAm7	EMAf12	-0.042
EMAm8	EMAf12	-0.027
EMAm9	EMAf12	-0.044
EMAm10	EMAf12	-0.043
EMAm11	EMAf12	-0.051
EMAm12	EMAf12	-0.049
EMAm13	EMAf12	-0.023
EMAm14	EMAf12	-0.017
EMAm15	EMAf12	-0.042
EMAm16	EMAf12	-0.039
EMAm17	EMAf12	-0.043
EMAm18	EMAf12	-0.027
EMAm19	EMAf12	-0.051
EMAm20	EMAf12	-0.024
EMAf11	EMAf12	0.100
EMAf1	EMAf13	-0.056
EMAf2	EMAf13	-0.015
EMAf3	EMAf13	-0.023
EMAf4	EMAf13	-0.023
EMAf5	EMAf13	-0.031
EMAf6	EMAf13	-0.035
EMAf7	EMAf13	-0.015
EMAf8	EMAf13	-0.044

Sample 1	Sample 2	$r$
EMAf9	EMAf13	-0.023
EMAf10	EMAf13	-0.036
EMAm1	EMAf13	-0.018
EMAm2	EMAf13	-0.023
EMAm3	EMAf13	-0.051
EMAm4	EMAf13	-0.054
EMAm5	EMAf13	-0.026
EMAm6	EMAf13	-0.059
EMAm7	EMAf13	-0.053
EMAm8	EMAf13	-0.040
EMAm9	EMAf13	-0.039
EMAm10	EMAf13	-0.048
EMAm11	EMAf13	-0.033
EMAm12	EMAf13	-0.065
EMAm13	EMAf13	-0.026
EMAm14	EMAf13	-0.032
EMAm15	EMAf13	-0.052
EMAm16	EMAf13	-0.031
EMAm17	EMAf13	-0.046
EMAm18	EMAf13	0.005
EMAm19	EMAf13	-0.044
EMAm20	EMAf13	-0.040
EMAf11	EMAf13	0.032
EMAf12	EMAf13	0.007
EMAf1	EMAf14	-0.024
EMAf2	EMAf14	-0.024
EMAf3	EMAf14	-0.007
EMAf4	EMAf14	-0.029
EMAf5	EMAf14	-0.023
EMAf6	EMAf14	-0.029
EMAf7	EMAf14	-0.011
EMAf8	EMAf14	-0.024
EMAf9	EMAf14	-0.010
EMAf10	EMAf14	-0.025
EMAm1	EMAf14	-0.034
EMAm2	EMAf14	-0.046
EMAm3	EMAf14	-0.002
EMAm4	EMAf14	0.004
EMAm5	EMAf14	-0.004
EMAm6	EMAf14	-0.029
EMAm7	EMAf14	-0.040
EMAm8	EMAf14	-0.017
EMAm9	EMAf14	-0.035
EMAm10	EMAf14	-0.025
EMAm11	EMAf14	-0.043
EMAm12	EMAf14	-0.050

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm13	EMAf14	-0.014
EMAm14	EMAf14	-0.020
EMAm15	EMAf14	-0.045
EMAm16	EMAf14	-0.056
EMAm17	EMAf14	-0.047
EMAm18	EMAf14	-0.036
EMAm19	EMAf14	-0.053
EMAm20	EMAf14	-0.016
EMAf11	EMAf14	0.103
EMAf12	EMAf14	0.014
EMAf13	EMAf14	-0.003
EMAf1	EMAf15	-0.037
EMAf2	EMAf15	-0.060
EMAf3	EMAf15	-0.044
EMAf4	EMAf15	-0.043
EMAf5	EMAf15	-0.016
EMAf6	EMAf15	-0.049
EMAf7	EMAf15	-0.059
EMAf8	EMAf15	-0.033
EMAf9	EMAf15	-0.028
EMAf10	EMAf15	-0.044
EMAm1	EMAf15	-0.016
EMAm2	EMAf15	-0.056
EMAm3	EMAf15	-0.022
EMAm4	EMAf15	-0.048
EMAm5	EMAf15	-0.033
EMAm6	EMAf15	-0.032
EMAm7	EMAf15	-0.048
EMAm8	EMAf15	-0.049
EMAm9	EMAf15	-0.017
EMAm10	EMAf15	-0.049
EMAm11	EMAf15	-0.040
EMAm12	EMAf15	-0.059
EMAm13	EMAf15	-0.011
EMAm14	EMAf15	-0.010
EMAm15	EMAf15	-0.053
EMAm16	EMAf15	-0.041
EMAm17	EMAf15	-0.045
EMAm18	EMAf15	-0.044
EMAm19	EMAf15	-0.037
EMAm20	EMAf15	-0.053
EMAf11	EMAf15	-0.022
EMAf12	EMAf15	0.070
EMAf13	EMAf15	0.213
EMAf14	EMAf15	0.034
EMAf1	EMAf16	-0.022

Sample 1	Sample 2	<i>r</i>
EMAf2	EMAf16	-0.015
EMAf3	EMAf16	-0.038
EMAf4	EMAf16	-0.025
EMAf5	EMAf16	-0.046
EMAf6	EMAf16	-0.020
EMAf7	EMAf16	-0.019
EMAf8	EMAf16	-0.005
EMAf9	EMAf16	-0.033
EMAf10	EMAf16	-0.018
EMAm1	EMAf16	-0.035
EMAm2	EMAf16	-0.023
EMAm3	EMAf16	-0.036
EMAm4	EMAf16	-0.035
EMAm5	EMAf16	-0.034
EMAm6	EMAf16	-0.054
EMAm7	EMAf16	-0.027
EMAm8	EMAf16	-0.049
EMAm9	EMAf16	-0.017
EMAm10	EMAf16	-0.034
EMAm11	EMAf16	-0.030
EMAm12	EMAf16	-0.065
EMAm13	EMAf16	-0.034
EMAm14	EMAf16	-0.038
EMAm15	EMAf16	-0.065
EMAm16	EMAf16	-0.034
EMAm17	EMAf16	-0.029
EMAm18	EMAf16	-0.050
EMAm19	EMAf16	-0.049
EMAm20	EMAf16	-0.052
EMAf11	EMAf16	0.062
EMAf12	EMAf16	0.072
EMAf13	EMAf16	0.172
EMAf14	EMAf16	-0.033
EMAf15	EMAf16	0.146
EMAf1	EMAf17	-0.063
EMAf2	EMAf17	-0.041
EMAf3	EMAf17	-0.022
EMAf4	EMAf17	-0.030
EMAf5	EMAf17	-0.033
EMAf6	EMAf17	-0.041
EMAf7	EMAf17	-0.016
EMAf8	EMAf17	-0.034
EMAf9	EMAf17	-0.016
EMAf10	EMAf17	-0.049
EMAm1	EMAf17	-0.050
EMAm2	EMAf17	0.070

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm3	EMAf17	-0.018
EMAm4	EMAf17	-0.007
EMAm5	EMAf17	-0.019
EMAm6	EMAf17	-0.014
EMAm7	EMAf17	-0.052
EMAm8	EMAf17	-0.033
EMAm9	EMAf17	-0.038
EMAm10	EMAf17	-0.047
EMAm11	EMAf17	-0.042
EMAm12	EMAf17	-0.056
EMAm13	EMAf17	-0.042
EMAm14	EMAf17	-0.019
EMAm15	EMAf17	-0.062
EMAm16	EMAf17	-0.034
EMAm17	EMAf17	-0.056
EMAm18	EMAf17	0.021
EMAm19	EMAf17	-0.062
EMAm20	EMAf17	-0.016
EMAf11	EMAf17	0.053
EMAf12	EMAf17	0.025
EMAf13	EMAf17	0.007
EMAf14	EMAf17	0.043
EMAf15	EMAf17	-0.014
EMAf16	EMAf17	0.019
EMAf1	EMAf18	-0.043
EMAf2	EMAf18	-0.029
EMAf3	EMAf18	-0.029
EMAf4	EMAf18	-0.024
EMAf5	EMAf18	-0.001
EMAf6	EMAf18	-0.028
EMAf7	EMAf18	-0.004
EMAf8	EMAf18	-0.043
EMAf9	EMAf18	-0.017
EMAf10	EMAf18	-0.061
EMAm1	EMAf18	-0.013
EMAm2	EMAf18	-0.024
EMAm3	EMAf18	-0.037
EMAm4	EMAf18	-0.032
EMAm5	EMAf18	-0.007
EMAm6	EMAf18	0.021
EMAm7	EMAf18	-0.040
EMAm8	EMAf18	-0.011
EMAm9	EMAf18	-0.015
EMAm10	EMAf18	-0.048
EMAm11	EMAf18	-0.035
EMAm12	EMAf18	-0.034

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm13	EMAf18	-0.011
EMAm14	EMAf18	-0.029
EMAm15	EMAf18	-0.035
EMAm16	EMAf18	-0.040
EMAm17	EMAf18	-0.035
EMAm18	EMAf18	0.004
EMAm19	EMAf18	-0.037
EMAm20	EMAf18	0.011
EMAf11	EMAf18	-0.009
EMAf12	EMAf18	-0.006
EMAf13	EMAf18	0.033
EMAf14	EMAf18	0.014
EMAf15	EMAf18	-0.024
EMAf16	EMAf18	-0.038
EMAf17	EMAf18	0.001
EMAf1	EMAf19	-0.006
EMAf2	EMAf19	-0.019
EMAf3	EMAf19	-0.015
EMAf4	EMAf19	-0.021
EMAf5	EMAf19	-0.017
EMAf6	EMAf19	-0.034
EMAf7	EMAf19	-0.021
EMAf8	EMAf19	-0.038
EMAf9	EMAf19	-0.023
EMAf10	EMAf19	-0.041
EMAm1	EMAf19	-0.032
EMAm2	EMAf19	-0.035
EMAm3	EMAf19	-0.043
EMAm4	EMAf19	-0.050
EMAm5	EMAf19	-0.033
EMAm6	EMAf19	-0.031
EMAm7	EMAf19	-0.007
EMAm8	EMAf19	-0.035
EMAm9	EMAf19	-0.020
EMAm10	EMAf19	-0.054
EMAm11	EMAf19	-0.012
EMAm12	EMAf19	-0.045
EMAm13	EMAf19	0.049
EMAm14	EMAf19	-0.038
EMAm15	EMAf19	-0.050
EMAm16	EMAf19	-0.031
EMAm17	EMAf19	-0.021
EMAm18	EMAf19	0.080
EMAm19	EMAf19	-0.052
EMAm20	EMAf19	-0.045
EMAf11	EMAf19	0.061



Sample 1	Sample 2	<i>r</i>
EMAf12	EMAf19	0.036
EMAf13	EMAf19	0.012
EMAf14	EMAf19	-0.006
EMAf15	EMAf19	-0.024
EMAf16	EMAf19	0.010
EMAf17	EMAf19	0.127
EMAf18	EMAf19	-0.012
EMAf1	EMAf20	-0.023
EMAf2	EMAf20	-0.005
EMAf3	EMAf20	-0.038
EMAf4	EMAf20	-0.038
EMAf5	EMAf20	-0.034
EMAf6	EMAf20	-0.045
EMAf7	EMAf20	-0.024
EMAf8	EMAf20	-0.047
EMAf9	EMAf20	-0.018
EMAf10	EMAf20	-0.047
EMAm1	EMAf20	-0.049
EMAm2	EMAf20	-0.062
EMAm3	EMAf20	-0.060
EMAm4	EMAf20	-0.047
EMAm5	EMAf20	-0.026
EMAm6	EMAf20	-0.046
EMAm7	EMAf20	-0.032
EMAm8	EMAf20	-0.016
EMAm9	EMAf20	-0.058
EMAm10	EMAf20	-0.051
EMAm11	EMAf20	-0.061
EMAm12	EMAf20	-0.059
EMAm13	EMAf20	-0.019
EMAm14	EMAf20	-0.057
EMAm15	EMAf20	-0.060
EMAm16	EMAf20	-0.048
EMAm17	EMAf20	-0.047
EMAm18	EMAf20	-0.041
EMAm19	EMAf20	-0.068
EMAm20	EMAf20	-0.060
EMAf11	EMAf20	0.023
EMAf12	EMAf20	-0.008
EMAf13	EMAf20	-0.002
EMAf14	EMAf20	0.027
EMAf15	EMAf20	-0.029
EMAf16	EMAf20	0.011
EMAf17	EMAf20	0.010
EMAf18	EMAf20	0.007
EMAf19	EMAf20	0.046

Sample 1	Sample 2	<i>r</i>
EMAf1	EMAf21	-0.061
EMAf2	EMAf21	-0.065
EMAf3	EMAf21	-0.044
EMAf4	EMAf21	-0.024
EMAf5	EMAf21	-0.043
EMAf6	EMAf21	-0.048
EMAf7	EMAf21	-0.028
EMAf8	EMAf21	-0.040
EMAf9	EMAf21	-0.009
EMAf10	EMAf21	-0.033
EMAm1	EMAf21	-0.057
EMAm2	EMAf21	0.004
EMAm3	EMAf21	-0.026
EMAm4	EMAf21	-0.059
EMAm5	EMAf21	-0.020
EMAm6	EMAf21	-0.043
EMAm7	EMAf21	-0.042
EMAm8	EMAf21	-0.031
EMAm9	EMAf21	-0.035
EMAm10	EMAf21	-0.056
EMAm11	EMAf21	-0.043
EMAm12	EMAf21	-0.060
EMAm13	EMAf21	-0.039
EMAm14	EMAf21	-0.047
EMAm15	EMAf21	-0.065
EMAm16	EMAf21	-0.039
EMAm17	EMAf21	-0.054
EMAm18	EMAf21	-0.058
EMAm19	EMAf21	-0.042
EMAm20	EMAf21	-0.053
EMAf11	EMAf21	-0.014
EMAf12	EMAf21	-0.026
EMAf13	EMAf21	0.004
EMAf14	EMAf21	0.024
EMAf15	EMAf21	0.022
EMAf16	EMAf21	0.057
EMAf17	EMAf21	-0.034
EMAf18	EMAf21	-0.015
EMAf19	EMAf21	0.127
EMAf20	EMAf21	0.196
EMAf1	EMAf22	-0.057
EMAf2	EMAf22	-0.065
EMAf3	EMAf22	-0.050
EMAf4	EMAf22	-0.034
EMAf5	EMAf22	-0.006
EMAf6	EMAf22	-0.058

Sample 1	Sample 2	<i>r</i>
EMAf7	EMAf22	-0.065
EMAf8	EMAf22	-0.051
EMAf9	EMAf22	-0.048
EMAf10	EMAf22	-0.055
EMAm1	EMAf22	-0.022
EMAm2	EMAf22	-0.056
EMAm3	EMAf22	0.007
EMAm4	EMAf22	-0.027
EMAm5	EMAf22	-0.023
EMAm6	EMAf22	-0.043
EMAm7	EMAf22	-0.052
EMAm8	EMAf22	-0.035
EMAm9	EMAf22	-0.018
EMAm10	EMAf22	-0.040
EMAm11	EMAf22	-0.054
EMAm12	EMAf22	-0.068
EMAm13	EMAf22	-0.036
EMAm14	EMAf22	-0.030
EMAm15	EMAf22	-0.062
EMAm16	EMAf22	-0.045
EMAm17	EMAf22	-0.062
EMAm18	EMAf22	-0.040
EMAm19	EMAf22	-0.037
EMAm20	EMAf22	-0.020
EMAf11	EMAf22	-0.029
EMAf12	EMAf22	0.100
EMAf13	EMAf22	-0.037
EMAf14	EMAf22	-0.012
EMAf15	EMAf22	0.050
EMAf16	EMAf22	-0.043
EMAf17	EMAf22	0.188
EMAf18	EMAf22	0.058
EMAf19	EMAf22	0.114
EMAf20	EMAf22	-0.006
EMAf21	EMAf22	0.026
EMAf1	EMAf23	-0.023
EMAf2	EMAf23	0.002
EMAf3	EMAf23	-0.014
EMAf4	EMAf23	-0.039
EMAf5	EMAf23	-0.019
EMAf6	EMAf23	-0.003
EMAf7	EMAf23	-0.020
EMAf8	EMAf23	0.029
EMAf9	EMAf23	0.031
EMAf10	EMAf23	-0.038
EMAm1	EMAf23	0.008

Sample 1	Sample 2	<i>r</i>
EMAm2	EMAf23	-0.034
EMAm3	EMAf23	0.007
EMAm4	EMAf23	0.027
EMAm5	EMAf23	-0.027
EMAm6	EMAf23	-0.007
EMAm7	EMAf23	0.032
EMAm8	EMAf23	-0.024
EMAm9	EMAf23	0.017
EMAm10	EMAf23	0.002
EMAm11	EMAf23	-0.060
EMAm12	EMAf23	-0.060
EMAm13	EMAf23	-0.054
EMAm14	EMAf23	-0.002
EMAm15	EMAf23	-0.054
EMAm16	EMAf23	0.016
EMAm17	EMAf23	-0.002
EMAm18	EMAf23	-0.046
EMAm19	EMAf23	0.004
EMAm20	EMAf23	0.032
EMAf11	EMAf23	-0.007
EMAf12	EMAf23	-0.001
EMAf13	EMAf23	-0.011
EMAf14	EMAf23	-0.025
EMAf15	EMAf23	-0.047
EMAf16	EMAf23	0.022
EMAf17	EMAf23	-0.029
EMAf18	EMAf23	0.023
EMAf19	EMAf23	0.033
EMAf20	EMAf23	0.112
EMAf21	EMAf23	-0.016
EMAf22	EMAf23	-0.005
EMAf1	EMAf24	-0.033
EMAf2	EMAf24	-0.051
EMAf3	EMAf24	-0.026
EMAf4	EMAf24	-0.029
EMAf5	EMAf24	-0.033
EMAf6	EMAf24	-0.033
EMAf7	EMAf24	-0.022
EMAf8	EMAf24	-0.050
EMAf9	EMAf24	-0.051
EMAf10	EMAf24	-0.048
EMAm1	EMAf24	-0.021
EMAm2	EMAf24	-0.054
EMAm3	EMAf24	-0.022
EMAm4	EMAf24	-0.010
EMAm5	EMAf24	-0.047

Sample 1	Sample 2	$r$
EMAm6	EMAf24	-0.023
EMAm7	EMAf24	0.002
EMAm8	EMAf24	-0.036
EMAm9	EMAf24	-0.012
EMAm10	EMAf24	0.067
EMAm11	EMAf24	0.065
EMAm12	EMAf24	-0.056
EMAm13	EMAf24	-0.029
EMAm14	EMAf24	-0.038
EMAm15	EMAf24	-0.056
EMAm16	EMAf24	-0.039
EMAm17	EMAf24	-0.037
EMAm18	EMAf24	-0.027
EMAm19	EMAf24	-0.037
EMAm20	EMAf24	-0.038
EMAf11	EMAf24	-0.031
EMAf12	EMAf24	-0.054
EMAf13	EMAf24	-0.050
EMAf14	EMAf24	0.032
EMAf15	EMAf24	-0.041
EMAf16	EMAf24	-0.045
EMAf17	EMAf24	-0.056
EMAf18	EMAf24	-0.007
EMAf19	EMAf24	-0.046
EMAf20	EMAf24	-0.041
EMAf21	EMAf24	-0.037
EMAf22	EMAf24	-0.032
EMAf23	EMAf24	-0.034
EMAf1	EMAf25	-0.030
EMAf2	EMAf25	-0.038
EMAf3	EMAf25	-0.032
EMAf4	EMAf25	-0.025
EMAf5	EMAf25	-0.035
EMAf6	EMAf25	-0.023
EMAf7	EMAf25	-0.018
EMAf8	EMAf25	-0.014
EMAf9	EMAf25	0.077
EMAf10	EMAf25	-0.040
EMAm1	EMAf25	0.034
EMAm2	EMAf25	-0.055
EMAm3	EMAf25	-0.019
EMAm4	EMAf25	-0.007
EMAm5	EMAf25	-0.036
EMAm6	EMAf25	-0.039
EMAm7	EMAf25	-0.026
EMAm8	EMAf25	-0.029

Sample 1	Sample 2	<i>r</i>
EMAm9	EMAf25	-0.038
EMAm10	EMAf25	0.025
EMAm11	EMAf25	-0.013
EMAm12	EMAf25	0.064
EMAm13	EMAf25	-0.034
EMAm14	EMAf25	-0.050
EMAm15	EMAf25	-0.054
EMAm16	EMAf25	-0.058
EMAm17	EMAf25	-0.062
EMAm18	EMAf25	-0.040
EMAm19	EMAf25	-0.057
EMAm20	EMAf25	-0.042
EMAf11	EMAf25	-0.017
EMAf12	EMAf25	-0.038
EMAf13	EMAf25	-0.051
EMAf14	EMAf25	0.022
EMAf15	EMAf25	-0.052
EMAf16	EMAf25	0.024
EMAf17	EMAf25	-0.026
EMAf18	EMAf25	-0.043
EMAf19	EMAf25	-0.016
EMAf20	EMAf25	0.017
EMAf21	EMAf25	-0.018
EMAf22	EMAf25	-0.026
EMAf23	EMAf25	-0.029
EMAf24	EMAf25	0.170
EMAf1	EMAf26	0.030
EMAf2	EMAf26	0.002
EMAf3	EMAf26	-0.007
EMAf4	EMAf26	0.054
EMAf5	EMAf26	-0.024
EMAf6	EMAf26	-0.029
EMAf7	EMAf26	-0.021
EMAf8	EMAf26	-0.033
EMAf9	EMAf26	-0.031
EMAf10	EMAf26	-0.039
EMAm1	EMAf26	-0.056
EMAm2	EMAf26	-0.049
EMAm3	EMAf26	-0.017
EMAm4	EMAf26	-0.041
EMAm5	EMAf26	-0.033
EMAm6	EMAf26	-0.049
EMAm7	EMAf26	-0.047
EMAm8	EMAf26	-0.031
EMAm9	EMAf26	-0.034
EMAm10	EMAf26	-0.027

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm11	EMAf26	-0.044
EMAm12	EMAf26	-0.057
EMAm13	EMAf26	-0.049
EMAm14	EMAf26	-0.040
EMAm15	EMAf26	-0.062
EMAm16	EMAf26	-0.058
EMAm17	EMAf26	-0.062
EMAm18	EMAf26	-0.039
EMAm19	EMAf26	-0.056
EMAm20	EMAf26	-0.056
EMAf11	EMAf26	-0.012
EMAf12	EMAf26	-0.040
EMAf13	EMAf26	0.009
EMAf14	EMAf26	-0.002
EMAf15	EMAf26	-0.038
EMAf16	EMAf26	-0.007
EMAf17	EMAf26	-0.008
EMAf18	EMAf26	0.012
EMAf19	EMAf26	0.005
EMAf20	EMAf26	0.025
EMAf21	EMAf26	-0.009
EMAf22	EMAf26	-0.011
EMAf23	EMAf26	0.015
EMAf24	EMAf26	-0.014
EMAf25	EMAf26	0.020
EMAf1	EMAf27	-0.036
EMAf2	EMAf27	0.012
EMAf3	EMAf27	-0.018
EMAf4	EMAf27	-0.019
EMAf5	EMAf27	-0.036
EMAf6	EMAf27	-0.028
EMAf7	EMAf27	-0.019
EMAf8	EMAf27	-0.005
EMAf9	EMAf27	-0.002
EMAf10	EMAf27	-0.012
EMAm1	EMAf27	-0.040
EMAm2	EMAf27	-0.053
EMAm3	EMAf27	-0.016
EMAm4	EMAf27	0.025
EMAm5	EMAf27	-0.031
EMAm6	EMAf27	-0.022
EMAm7	EMAf27	-0.010
EMAm8	EMAf27	-0.028
EMAm9	EMAf27	-0.028
EMAm10	EMAf27	-0.008
EMAm11	EMAf27	-0.053

Sample 1	Sample 2	$r$
EMAm12	EMAf27	-0.053
EMAm13	EMAf27	-0.009
EMAm14	EMAf27	-0.003
EMAm15	EMAf27	-0.054
EMAm16	EMAf27	-0.041
EMAm17	EMAf27	-0.052
EMAm18	EMAf27	-0.035
EMAm19	EMAf27	-0.049
EMAm20	EMAf27	0.006
EMAf11	EMAf27	0.004
EMAf12	EMAf27	-0.041
EMAf13	EMAf27	-0.023
EMAf14	EMAf27	0.038
EMAf15	EMAf27	-0.045
EMAf16	EMAf27	-0.040
EMAf17	EMAf27	0.001
EMAf18	EMAf27	0.013
EMAf19	EMAf27	-0.044
EMAf20	EMAf27	0.021
EMAf21	EMAf27	-0.032
EMAf22	EMAf27	0.003
EMAf23	EMAf27	0.016
EMAf24	EMAf27	0.050
EMAf25	EMAf27	0.057
EMAf26	EMAf27	0.015
EMAf1	EMAf28	-0.060
EMAf2	EMAf28	-0.047
EMAf3	EMAf28	-0.047
EMAf4	EMAf28	-0.018
EMAf5	EMAf28	-0.045
EMAf6	EMAf28	-0.043
EMAf7	EMAf28	-0.039
EMAf8	EMAf28	-0.036
EMAf9	EMAf28	-0.013
EMAf10	EMAf28	-0.015
EMAm1	EMAf28	-0.047
EMAm2	EMAf28	-0.018
EMAm3	EMAf28	-0.041
EMAm4	EMAf28	-0.020
EMAm5	EMAf28	-0.028
EMAm6	EMAf28	-0.013
EMAm7	EMAf28	-0.041
EMAm8	EMAf28	-0.049
EMAm9	EMAf28	-0.038
EMAm10	EMAf28	-0.055
EMAm11	EMAf28	-0.031



<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm12	EMAf28	-0.053
EMAm13	EMAf28	-0.029
EMAm14	EMAf28	-0.058
EMAm15	EMAf28	-0.065
EMAm16	EMAf28	-0.061
EMAm17	EMAf28	-0.065
EMAm18	EMAf28	-0.068
EMAm19	EMAf28	-0.052
EMAm20	EMAf28	-0.039
EMAf11	EMAf28	-0.004
EMAf12	EMAf28	-0.038
EMAf13	EMAf28	-0.010
EMAf14	EMAf28	-0.003
EMAf15	EMAf28	-0.040
EMAf16	EMAf28	0.048
EMAf17	EMAf28	0.016
EMAf18	EMAf28	0.001
EMAf19	EMAf28	-0.046
EMAf20	EMAf28	-0.014
EMAf21	EMAf28	0.099
EMAf22	EMAf28	0.022
EMAf23	EMAf28	-0.058
EMAf24	EMAf28	0.005
EMAf25	EMAf28	0.001
EMAf26	EMAf28	0.001
EMAf27	EMAf28	0.042
EMAf1	EMAf29	-0.053
EMAf2	EMAf29	-0.059
EMAf3	EMAf29	-0.039
EMAf4	EMAf29	-0.028
EMAf5	EMAf29	-0.028
EMAf6	EMAf29	-0.025
EMAf7	EMAf29	-0.031
EMAf8	EMAf29	-0.025
EMAf9	EMAf29	-0.023
EMAf10	EMAf29	-0.045
EMAm1	EMAf29	-0.047
EMAm2	EMAf29	-0.049
EMAm3	EMAf29	-0.034
EMAm4	EMAf29	-0.035
EMAm5	EMAf29	0.087
EMAm6	EMAf29	-0.030
EMAm7	EMAf29	-0.040
EMAm8	EMAf29	-0.036
EMAm9	EMAf29	-0.008
EMAm10	EMAf29	-0.033

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm11	EMAf29	0.065
EMAm12	EMAf29	0.020
EMAm13	EMAf29	-0.021
EMAm14	EMAf29	-0.023
EMAm15	EMAf29	-0.056
EMAm16	EMAf29	-0.044
EMAm17	EMAf29	-0.048
EMAm18	EMAf29	-0.041
EMAm19	EMAf29	-0.027
EMAm20	EMAf29	0.019
EMAf11	EMAf29	-0.017
EMAf12	EMAf29	-0.052
EMAf13	EMAf29	-0.058
EMAf14	EMAf29	0.043
EMAf15	EMAf29	0.075
EMAf16	EMAf29	-0.030
EMAf17	EMAf29	-0.031
EMAf18	EMAf29	-0.036
EMAf19	EMAf29	-0.025
EMAf20	EMAf29	0.002
EMAf21	EMAf29	0.041
EMAf22	EMAf29	0.009
EMAf23	EMAf29	-0.004
EMAf24	EMAf29	0.015
EMAf25	EMAf29	0.012
EMAf26	EMAf29	0.002
EMAf27	EMAf29	-0.001
EMAf28	EMAf29	-0.002
EMAf1	EMAf30	-0.021
EMAf2	EMAf30	0.007
EMAf3	EMAf30	-0.004
EMAf4	EMAf30	-0.013
EMAf5	EMAf30	-0.017
EMAf6	EMAf30	-0.021
EMAf7	EMAf30	0.026
EMAf8	EMAf30	-0.005
EMAf9	EMAf30	-0.026
EMAf10	EMAf30	-0.021
EMAm1	EMAf30	-0.015
EMAm2	EMAf30	-0.042
EMAm3	EMAf30	-0.030
EMAm4	EMAf30	-0.026
EMAm5	EMAf30	-0.030
EMAm6	EMAf30	-0.039
EMAm7	EMAf30	-0.026
EMAm8	EMAf30	-0.029

Sample 1	Sample 2	$r$
EMAm9	EMAf30	-0.011
EMAm10	EMAf30	-0.004
EMAm11	EMAf30	-0.025
EMAm12	EMAf30	-0.044
EMAm13	EMAf30	-0.021
EMAm14	EMAf30	0.056
EMAm15	EMAf30	-0.056
EMAm16	EMAf30	-0.036
EMAm17	EMAf30	-0.046
EMAm18	EMAf30	-0.023
EMAm19	EMAf30	-0.051
EMAm20	EMAf30	-0.009
EMAf11	EMAf30	-0.022
EMAf12	EMAf30	-0.043
EMAf13	EMAf30	-0.039
EMAf14	EMAf30	0.033
EMAf15	EMAf30	-0.038
EMAf16	EMAf30	-0.022
EMAf17	EMAf30	-0.008
EMAf18	EMAf30	-0.009
EMAf19	EMAf30	-0.043
EMAf20	EMAf30	-0.031
EMAf21	EMAf30	-0.020
EMAf22	EMAf30	0.000
EMAf23	EMAf30	-0.025
EMAf24	EMAf30	0.015
EMAf25	EMAf30	0.004
EMAf26	EMAf30	-0.001
EMAf27	EMAf30	0.120
EMAf28	EMAf30	0.026
EMAf29	EMAf30	-0.003
EMAf1	EMAf31	-0.063
EMAf2	EMAf31	-0.046
EMAf3	EMAf31	-0.032
EMAf4	EMAf31	-0.020
EMAf5	EMAf31	-0.029
EMAf6	EMAf31	-0.053
EMAf7	EMAf31	-0.046
EMAf8	EMAf31	-0.049
EMAf9	EMAf31	-0.037
EMAf10	EMAf31	-0.065
EMAm1	EMAf31	0.019
EMAm2	EMAf31	-0.026
EMAm3	EMAf31	-0.024
EMAm4	EMAf31	-0.063
EMAm5	EMAf31	-0.030

Sample 1	Sample 2	$r$
EMAm6	EMAf31	-0.062
EMAm7	EMAf31	-0.058
EMAm8	EMAf31	-0.059
EMAm9	EMAf31	-0.036
EMAm10	EMAf31	-0.053
EMAm11	EMAf31	-0.009
EMAm12	EMAf31	0.006
EMAm13	EMAf31	-0.026
EMAm14	EMAf31	-0.045
EMAm15	EMAf31	-0.068
EMAm16	EMAf31	-0.064
EMAm17	EMAf31	-0.062
EMAm18	EMAf31	0.011
EMAm19	EMAf31	-0.063
EMAm20	EMAf31	-0.031
EMAf11	EMAf31	0.077
EMAf12	EMAf31	-0.025
EMAf13	EMAf31	0.010
EMAf14	EMAf31	-0.026
EMAf15	EMAf31	-0.031
EMAf16	EMAf31	-0.028
EMAf17	EMAf31	0.009
EMAf18	EMAf31	0.063
EMAf19	EMAf31	0.073
EMAf20	EMAf31	-0.021
EMAf21	EMAf31	0.037
EMAf22	EMAf31	0.092
EMAf23	EMAf31	-0.042
EMAf24	EMAf31	-0.038
EMAf25	EMAf31	0.052
EMAf26	EMAf31	0.022
EMAf27	EMAf31	-0.021
EMAf28	EMAf31	0.021
EMAf29	EMAf31	-0.009
EMAf30	EMAf31	-0.005
EMAf1	EMAf32	-0.044
EMAf2	EMAf32	-0.063
EMAf3	EMAf32	-0.029
EMAf4	EMAf32	-0.028
EMAf5	EMAf32	-0.024
EMAf6	EMAf32	-0.026
EMAf7	EMAf32	-0.018
EMAf8	EMAf32	-0.037
EMAf9	EMAf32	-0.016
EMAf10	EMAf32	-0.035
EMAm1	EMAf32	-0.013

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm2	EMAf32	-0.042
EMAm3	EMAf32	-0.016
EMAm4	EMAf32	-0.022
EMAm5	EMAf32	-0.021
EMAm6	EMAf32	0.038
EMAm7	EMAf32	-0.048
EMAm8	EMAf32	-0.036
EMAm9	EMAf32	-0.035
EMAm10	EMAf32	-0.016
EMAm11	EMAf32	-0.027
EMAm12	EMAf32	-0.043
EMAm13	EMAf32	-0.007
EMAm14	EMAf32	-0.047
EMAm15	EMAf32	-0.049
EMAm16	EMAf32	-0.044
EMAm17	EMAf32	-0.049
EMAm18	EMAf32	-0.035
EMAm19	EMAf32	-0.043
EMAm20	EMAf32	-0.004
EMAf11	EMAf32	-0.016
EMAf12	EMAf32	-0.042
EMAf13	EMAf32	-0.038
EMAf14	EMAf32	0.013
EMAf15	EMAf32	-0.036
EMAf16	EMAf32	-0.041
EMAf17	EMAf32	-0.012
EMAf18	EMAf32	0.079
EMAf19	EMAf32	-0.057
EMAf20	EMAf32	-0.030
EMAf21	EMAf32	-0.017
EMAf22	EMAf32	-0.033
EMAf23	EMAf32	0.011
EMAf24	EMAf32	0.076
EMAf25	EMAf32	0.009
EMAf26	EMAf32	0.000
EMAf27	EMAf32	0.047
EMAf28	EMAf32	0.127
EMAf29	EMAf32	-0.003
EMAf30	EMAf32	0.030
EMAf31	EMAf32	-0.016
EMAf1	EMAf33	0.089
EMAf2	EMAf33	-0.042
EMAf3	EMAf33	-0.031
EMAf4	EMAf33	-0.037
EMAf5	EMAf33	-0.026
EMAf6	EMAf33	-0.026

Sample 1	Sample 2	$r$
EMAf7	EMAf33	0.021
EMAf8	EMAf33	-0.051
EMAf9	EMAf33	-0.022
EMAf10	EMAf33	-0.018
EMAm1	EMAf33	-0.020
EMAm2	EMAf33	-0.013
EMAm3	EMAf33	-0.049
EMAm4	EMAf33	-0.047
EMAm5	EMAf33	-0.020
EMAm6	EMAf33	-0.014
EMAm7	EMAf33	-0.033
EMAm8	EMAf33	-0.040
EMAm9	EMAf33	-0.030
EMAm10	EMAf33	-0.052
EMAm11	EMAf33	-0.027
EMAm12	EMAf33	-0.049
EMAm13	EMAf33	0.013
EMAm14	EMAf33	-0.045
EMAm15	EMAf33	-0.043
EMAm16	EMAf33	-0.034
EMAm17	EMAf33	-0.043
EMAm18	EMAf33	-0.032
EMAm19	EMAf33	-0.049
EMAm20	EMAf33	-0.043
EMAf11	EMAf33	0.020
EMAf12	EMAf33	0.011
EMAf13	EMAf33	-0.011
EMAf14	EMAf33	0.012
EMAf15	EMAf33	0.005
EMAf16	EMAf33	0.027
EMAf17	EMAf33	0.081
EMAf18	EMAf33	0.001
EMAf19	EMAf33	-0.024
EMAf20	EMAf33	0.024
EMAf21	EMAf33	0.001
EMAf22	EMAf33	-0.028
EMAf23	EMAf33	-0.040
EMAf24	EMAf33	0.000
EMAf25	EMAf33	0.001
EMAf26	EMAf33	-0.013
EMAf27	EMAf33	0.006
EMAf28	EMAf33	0.001
EMAf29	EMAf33	0.015
EMAf30	EMAf33	0.033
EMAf31	EMAf33	0.023
EMAf32	EMAf33	0.020

Sample 1	Sample 2	<i>r</i>
EMAf1	EMAf34	-0.050
EMAf2	EMAf34	-0.009
EMAf3	EMAf34	-0.041
EMAf4	EMAf34	-0.026
EMAf5	EMAf34	-0.060
EMAf6	EMAf34	-0.054
EMAf7	EMAf34	-0.027
EMAf8	EMAf34	-0.054
EMAf9	EMAf34	-0.042
EMAf10	EMAf34	-0.065
EMAm1	EMAf34	-0.059
EMAm2	EMAf34	-0.026
EMAm3	EMAf34	-0.034
EMAm4	EMAf34	-0.046
EMAm5	EMAf34	-0.048
EMAm6	EMAf34	-0.060
EMAm7	EMAf34	-0.031
EMAm8	EMAf34	-0.055
EMAm9	EMAf34	-0.019
EMAm10	EMAf34	-0.064
EMAm11	EMAf34	-0.055
EMAm12	EMAf34	-0.031
EMAm13	EMAf34	-0.042
EMAm14	EMAf34	-0.056
EMAm15	EMAf34	-0.037
EMAm16	EMAf34	-0.055
EMAm17	EMAf34	-0.041
EMAm18	EMAf34	0.016
EMAm19	EMAf34	-0.068
EMAm20	EMAf34	-0.062
EMAf11	EMAf34	0.046
EMAf12	EMAf34	0.008
EMAf13	EMAf34	0.062
EMAf14	EMAf34	0.002
EMAf15	EMAf34	-0.044
EMAf16	EMAf34	0.048
EMAf17	EMAf34	-0.011
EMAf18	EMAf34	0.032
EMAf19	EMAf34	0.030
EMAf20	EMAf34	0.087
EMAf21	EMAf34	0.015
EMAf22	EMAf34	-0.038
EMAf23	EMAf34	-0.002
EMAf24	EMAf34	0.027
EMAf25	EMAf34	0.019
EMAf26	EMAf34	0.057

Sample 1	Sample 2	$r$
EMAf27	EMAf34	0.041
EMAf28	EMAf34	0.020
EMAf29	EMAf34	-0.024
EMAf30	EMAf34	-0.024
EMAf31	EMAf34	-0.017
EMAf32	EMAf34	0.000
EMAf33	EMAf34	-0.024
EMAf1	EMAf35	-0.052
EMAf2	EMAf35	-0.033
EMAf3	EMAf35	-0.029
EMAf4	EMAf35	-0.025
EMAf5	EMAf35	-0.032
EMAf6	EMAf35	-0.042
EMAf7	EMAf35	-0.033
EMAf8	EMAf35	-0.029
EMAf9	EMAf35	-0.040
EMAf10	EMAf35	-0.043
EMAm1	EMAf35	-0.062
EMAm2	EMAf35	0.107
EMAm3	EMAf35	-0.029
EMAm4	EMAf35	-0.026
EMAm5	EMAf35	0.094
EMAm6	EMAf35	-0.041
EMAm7	EMAf35	-0.027
EMAm8	EMAf35	-0.048
EMAm9	EMAf35	-0.026
EMAm10	EMAf35	-0.053
EMAm11	EMAf35	-0.033
EMAm12	EMAf35	0.028
EMAm13	EMAf35	0.009
EMAm14	EMAf35	-0.046
EMAm15	EMAf35	0.005
EMAm16	EMAf35	-0.040
EMAm17	EMAf35	-0.052
EMAm18	EMAf35	0.031
EMAm19	EMAf35	-0.059
EMAm20	EMAf35	-0.039
EMAf11	EMAf35	-0.007
EMAf12	EMAf35	-0.042
EMAf13	EMAf35	0.053
EMAf14	EMAf35	-0.034
EMAf15	EMAf35	-0.043
EMAf16	EMAf35	0.029
EMAf17	EMAf35	0.005
EMAf18	EMAf35	-0.016
EMAf19	EMAf35	-0.029



Sample 1	Sample 2	$r$
EMAf20	EMAf35	-0.033
EMAf21	EMAf35	0.021
EMAf22	EMAf35	-0.038
EMAf23	EMAf35	-0.039
EMAf24	EMAf35	0.001
EMAf25	EMAf35	0.016
EMAf26	EMAf35	0.019
EMAf27	EMAf35	0.020
EMAf28	EMAf35	0.065
EMAf29	EMAf35	-0.006
EMAf30	EMAf35	-0.019
EMAf31	EMAf35	-0.013
EMAf32	EMAf35	0.006
EMAf33	EMAf35	-0.029
EMAf34	EMAf35	0.095
EMAf1	EMAf36	-0.050
EMAf2	EMAf36	-0.031
EMAf3	EMAf36	-0.025
EMAf4	EMAf36	-0.028
EMAf5	EMAf36	-0.034
EMAf6	EMAf36	-0.031
EMAf7	EMAf36	-0.019
EMAf8	EMAf36	-0.029
EMAf9	EMAf36	-0.029
EMAf10	EMAf36	-0.040
EMAm1	EMAf36	-0.060
EMAm2	EMAf36	-0.043
EMAm3	EMAf36	0.008
EMAm4	EMAf36	-0.039
EMAm5	EMAf36	-0.014
EMAm6	EMAf36	0.008
EMAm7	EMAf36	-0.032
EMAm8	EMAf36	-0.036
EMAm9	EMAf36	-0.044
EMAm10	EMAf36	-0.043
EMAm11	EMAf36	-0.037
EMAm12	EMAf36	-0.045
EMAm13	EMAf36	-0.034
EMAm14	EMAf36	-0.047
EMAm15	EMAf36	-0.056
EMAm16	EMAf36	-0.019
EMAm17	EMAf36	-0.050
EMAm18	EMAf36	-0.047
EMAm19	EMAf36	-0.049
EMAm20	EMAf36	0.029
EMAf11	EMAf36	0.003

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf12	EMAf36	-0.035
EMAf13	EMAf36	-0.035
EMAf14	EMAf36	0.040
EMAf15	EMAf36	-0.038
EMAf16	EMAf36	-0.043
EMAf17	EMAf36	0.016
EMAf18	EMAf36	0.012
EMAf19	EMAf36	-0.057
EMAf20	EMAf36	-0.042
EMAf21	EMAf36	-0.025
EMAf22	EMAf36	-0.025
EMAf23	EMAf36	-0.011
EMAf24	EMAf36	0.033
EMAf25	EMAf36	-0.006
EMAf26	EMAf36	-0.015
EMAf27	EMAf36	0.079
EMAf28	EMAf36	0.035
EMAf29	EMAf36	0.047
EMAf30	EMAf36	0.034
EMAf31	EMAf36	-0.007
EMAf32	EMAf36	0.083
EMAf33	EMAf36	0.011
EMAf34	EMAf36	0.004
EMAf35	EMAf36	0.031
EMAf1	EMAf37	-0.049
EMAf2	EMAf37	-0.055
EMAf3	EMAf37	-0.042
EMAf4	EMAf37	-0.026
EMAf5	EMAf37	-0.036
EMAf6	EMAf37	-0.035
EMAf7	EMAf37	-0.027
EMAf8	EMAf37	-0.044
EMAf9	EMAf37	-0.009
EMAf10	EMAf37	-0.022
EMAm1	EMAf37	-0.056
EMAm2	EMAf37	-0.011
EMAm3	EMAf37	-0.048
EMAm4	EMAf37	-0.033
EMAm5	EMAf37	-0.007
EMAm6	EMAf37	-0.007
EMAm7	EMAf37	0.000
EMAm8	EMAf37	-0.020
EMAm9	EMAf37	-0.037
EMAm10	EMAf37	-0.060
EMAm11	EMAf37	0.112
EMAm12	EMAf37	0.025

Sample 1	Sample 2	<i>r</i>
EMAm13	EMAf37	-0.012
EMAm14	EMAf37	-0.044
EMAm15	EMAf37	-0.052
EMAm16	EMAf37	-0.019
EMAm17	EMAf37	-0.021
EMAm18	EMAf37	0.008
EMAm19	EMAf37	-0.060
EMAm20	EMAf37	-0.011
EMAf11	EMAf37	0.017
EMAf12	EMAf37	0.013
EMAf13	EMAf37	-0.011
EMAf14	EMAf37	-0.011
EMAf15	EMAf37	-0.034
EMAf16	EMAf37	0.087
EMAf17	EMAf37	-0.028
EMAf18	EMAf37	0.031
EMAf19	EMAf37	0.095
EMAf20	EMAf37	-0.013
EMAf21	EMAf37	0.063
EMAf22	EMAf37	-0.028
EMAf23	EMAf37	0.064
EMAf24	EMAf37	-0.040
EMAf25	EMAf37	-0.055
EMAf26	EMAf37	-0.015
EMAf27	EMAf37	-0.016
EMAf28	EMAf37	0.071
EMAf29	EMAf37	-0.003
EMAf30	EMAf37	-0.021
EMAf31	EMAf37	-0.026
EMAf32	EMAf37	0.007
EMAf33	EMAf37	-0.017
EMAf34	EMAf37	-0.025
EMAf35	EMAf37	0.029
EMAf36	EMAf37	0.001
EMAf1	EMAf38	-0.025
EMAf2	EMAf38	-0.021
EMAf3	EMAf38	-0.028
EMAf4	EMAf38	-0.039
EMAf5	EMAf38	-0.041
EMAf6	EMAf38	-0.040
EMAf7	EMAf38	-0.013
EMAf8	EMAf38	-0.038
EMAf9	EMAf38	-0.006
EMAf10	EMAf38	-0.010
EMAm1	EMAf38	-0.053
EMAm2	EMAf38	0.014

Sample 1	Sample 2	$r$
EMAm3	EMAf38	-0.021
EMAm4	EMAf38	-0.060
EMAm5	EMAf38	-0.032
EMAm6	EMAf38	-0.055
EMAm7	EMAf38	-0.042
EMAm8	EMAf38	-0.061
EMAm9	EMAf38	-0.021
EMAm10	EMAf38	-0.068
EMAm11	EMAf38	-0.049
EMAm12	EMAf38	-0.045
EMAm13	EMAf38	-0.041
EMAm14	EMAf38	-0.043
EMAm15	EMAf38	-0.057
EMAm16	EMAf38	-0.059
EMAm17	EMAf38	-0.041
EMAm18	EMAf38	-0.043
EMAm19	EMAf38	-0.057
EMAm20	EMAf38	-0.045
EMAf11	EMAf38	-0.032
EMAf12	EMAf38	-0.032
EMAf13	EMAf38	-0.006
EMAf14	EMAf38	-0.014
EMAf15	EMAf38	-0.040
EMAf16	EMAf38	0.050
EMAf17	EMAf38	-0.012
EMAf18	EMAf38	0.052
EMAf19	EMAf38	-0.012
EMAf20	EMAf38	0.006
EMAf21	EMAf38	0.096
EMAf22	EMAf38	0.060
EMAf23	EMAf38	-0.034
EMAf24	EMAf38	-0.032
EMAf25	EMAf38	-0.037
EMAf26	EMAf38	0.001
EMAf27	EMAf38	-0.015
EMAf28	EMAf38	0.120
EMAf29	EMAf38	-0.017
EMAf30	EMAf38	-0.018
EMAf31	EMAf38	0.051
EMAf32	EMAf38	-0.008
EMAf33	EMAf38	-0.014
EMAf34	EMAf38	0.027
EMAf35	EMAf38	0.039
EMAf36	EMAf38	0.005
EMAf37	EMAf38	0.060
EMAf1	EMAf39	-0.038

Sample 1	Sample 2	$r$
EMAf2	EMAf39	-0.055
EMAf3	EMAf39	-0.029
EMAf4	EMAf39	-0.042
EMAf5	EMAf39	-0.042
EMAf6	EMAf39	-0.023
EMAf7	EMAf39	-0.030
EMAf8	EMAf39	-0.048
EMAf9	EMAf39	-0.023
EMAf10	EMAf39	-0.040
EMAm1	EMAf39	-0.048
EMAm2	EMAf39	-0.044
EMAm3	EMAf39	0.003
EMAm4	EMAf39	-0.010
EMAm5	EMAf39	-0.032
EMAm6	EMAf39	-0.012
EMAm7	EMAf39	-0.020
EMAm8	EMAf39	-0.050
EMAm9	EMAf39	-0.030
EMAm10	EMAf39	-0.026
EMAm11	EMAf39	-0.043
EMAm12	EMAf39	-0.053
EMAm13	EMAf39	-0.009
EMAm14	EMAf39	-0.042
EMAm15	EMAf39	-0.048
EMAm16	EMAf39	-0.042
EMAm17	EMAf39	-0.048
EMAm18	EMAf39	-0.011
EMAm19	EMAf39	-0.041
EMAm20	EMAf39	-0.048
EMAf11	EMAf39	-0.033
EMAf12	EMAf39	-0.028
EMAf13	EMAf39	-0.046
EMAf14	EMAf39	-0.002
EMAf15	EMAf39	-0.036
EMAf16	EMAf39	-0.063
EMAf17	EMAf39	0.009
EMAf18	EMAf39	-0.032
EMAf19	EMAf39	-0.057
EMAf20	EMAf39	0.001
EMAf21	EMAf39	0.019
EMAf22	EMAf39	0.016
EMAf23	EMAf39	-0.032
EMAf24	EMAf39	0.006
EMAf25	EMAf39	0.021
EMAf26	EMAf39	-0.014
EMAf27	EMAf39	0.042

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf28	EMAf39	0.098
EMAf29	EMAf39	0.006
EMAf30	EMAf39	0.004
EMAf31	EMAf39	-0.049
EMAf32	EMAf39	0.019
EMAf33	EMAf39	-0.016
EMAf34	EMAf39	0.047
EMAf35	EMAf39	0.004
EMAf36	EMAf39	0.011
EMAf37	EMAf39	-0.023
EMAf38	EMAf39	-0.007
EMAf1	EMAm21	-0.032
EMAf2	EMAm21	-0.009
EMAf3	EMAm21	-0.030
EMAf4	EMAm21	-0.047
EMAf5	EMAm21	-0.049
EMAf6	EMAm21	-0.036
EMAf7	EMAm21	-0.022
EMAf8	EMAm21	-0.043
EMAf9	EMAm21	-0.027
EMAf10	EMAm21	-0.049
EMAm1	EMAm21	-0.039
EMAm2	EMAm21	-0.029
EMAm3	EMAm21	-0.008
EMAm4	EMAm21	-0.040
EMAm5	EMAm21	-0.042
EMAm6	EMAm21	-0.051
EMAm7	EMAm21	-0.037
EMAm8	EMAm21	-0.054
EMAm9	EMAm21	-0.046
EMAm10	EMAm21	-0.036
EMAm11	EMAm21	-0.048
EMAm12	EMAm21	-0.058
EMAm13	EMAm21	-0.014
EMAm14	EMAm21	-0.044
EMAm15	EMAm21	-0.054
EMAm16	EMAm21	-0.035
EMAm17	EMAm21	-0.045
EMAm18	EMAm21	-0.040
EMAm19	EMAm21	-0.049
EMAm20	EMAm21	-0.031
EMAf11	EMAm21	-0.009
EMAf12	EMAm21	-0.032
EMAf13	EMAm21	-0.031
EMAf14	EMAm21	0.005
EMAf15	EMAm21	-0.039

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf16	EMAm21	-0.031
EMAf17	EMAm21	0.070
EMAf18	EMAm21	0.006
EMAf19	EMAm21	-0.005
EMAf20	EMAm21	-0.026
EMAf21	EMAm21	-0.034
EMAf22	EMAm21	0.000
EMAf23	EMAm21	0.001
EMAf24	EMAm21	0.040
EMAf25	EMAm21	-0.002
EMAf26	EMAm21	0.149
EMAf27	EMAm21	0.033
EMAf28	EMAm21	-0.006
EMAf29	EMAm21	-0.028
EMAf30	EMAm21	0.014
EMAf31	EMAm21	0.076
EMAf32	EMAm21	0.119
EMAf33	EMAm21	0.051
EMAf34	EMAm21	0.013
EMAf35	EMAm21	0.001
EMAf36	EMAm21	0.035
EMAf37	EMAm21	-0.022
EMAf38	EMAm21	0.006
EMAf39	EMAm21	0.009
EMAf1	EMAm22	0.002
EMAf2	EMAm22	-0.013
EMAf3	EMAm22	0.001
EMAf4	EMAm22	-0.016
EMAf5	EMAm22	-0.016
EMAf6	EMAm22	-0.026
EMAf7	EMAm22	-0.005
EMAf8	EMAm22	-0.020
EMAf9	EMAm22	0.003
EMAf10	EMAm22	-0.028
EMAm1	EMAm22	-0.014
EMAm2	EMAm22	-0.035
EMAm3	EMAm22	0.004
EMAm4	EMAm22	-0.011
EMAm5	EMAm22	-0.007
EMAm6	EMAm22	0.007
EMAm7	EMAm22	-0.018
EMAm8	EMAm22	-0.037
EMAm9	EMAm22	-0.004
EMAm10	EMAm22	-0.015
EMAm11	EMAm22	-0.042
EMAm12	EMAm22	-0.029

Sample 1	Sample 2	$r$
EMAm13	EMAm22	-0.001
EMAm14	EMAm22	-0.016
EMAm15	EMAm22	-0.037
EMAm16	EMAm22	-0.021
EMAm17	EMAm22	-0.035
EMAm18	EMAm22	-0.005
EMAm19	EMAm22	-0.026
EMAm20	EMAm22	-0.012
EMAf11	EMAm22	-0.005
EMAf12	EMAm22	-0.003
EMAf13	EMAm22	-0.022
EMAf14	EMAm22	0.038
EMAf15	EMAm22	-0.021
EMAf16	EMAm22	0.037
EMAf17	EMAm22	0.019
EMAf18	EMAm22	0.070
EMAf19	EMAm22	0.003
EMAf20	EMAm22	-0.007
EMAf21	EMAm22	-0.033
EMAf22	EMAm22	0.036
EMAf23	EMAm22	-0.035
EMAf24	EMAm22	-0.019
EMAf25	EMAm22	0.000
EMAf26	EMAm22	0.009
EMAf27	EMAm22	0.012
EMAf28	EMAm22	0.029
EMAf29	EMAm22	-0.028
EMAf30	EMAm22	0.001
EMAf31	EMAm22	-0.015
EMAf32	EMAm22	0.027
EMAf33	EMAm22	-0.014
EMAf34	EMAm22	0.008
EMAf35	EMAm22	-0.020
EMAf36	EMAm22	0.012
EMAf37	EMAm22	-0.033
EMAf38	EMAm22	0.089
EMAf39	EMAm22	0.018
EMAm21	EMAm22	0.012
EMAf1	EMAm23	-0.038
EMAf2	EMAm23	0.034
EMAf3	EMAm23	-0.041
EMAf4	EMAm23	-0.050
EMAf5	EMAm23	-0.012
EMAf6	EMAm23	0.001
EMAf7	EMAm23	-0.052
EMAf8	EMAm23	-0.055



<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf9	EMAm23	-0.032
EMAf10	EMAm23	-0.027
EMAm1	EMAm23	0.052
EMAm2	EMAm23	-0.030
EMAm3	EMAm23	-0.065
EMAm4	EMAm23	-0.042
EMAm5	EMAm23	-0.017
EMAm6	EMAm23	-0.048
EMAm7	EMAm23	-0.063
EMAm8	EMAm23	0.039
EMAm9	EMAm23	-0.007
EMAm10	EMAm23	-0.055
EMAm11	EMAm23	-0.050
EMAm12	EMAm23	-0.065
EMAm13	EMAm23	-0.022
EMAm14	EMAm23	-0.046
EMAm15	EMAm23	-0.065
EMAm16	EMAm23	-0.061
EMAm17	EMAm23	-0.065
EMAm18	EMAm23	-0.004
EMAm19	EMAm23	-0.052
EMAm20	EMAm23	-0.021
EMAf11	EMAm23	0.078
EMAf12	EMAm23	0.083
EMAf13	EMAm23	0.090
EMAf14	EMAm23	-0.021
EMAf15	EMAm23	0.031
EMAf16	EMAm23	0.042
EMAf17	EMAm23	-0.032
EMAf18	EMAm23	0.022
EMAf19	EMAm23	0.013
EMAf20	EMAm23	0.007
EMAf21	EMAm23	-0.009
EMAf22	EMAm23	0.038
EMAf23	EMAm23	0.028
EMAf24	EMAm23	-0.054
EMAf25	EMAm23	-0.053
EMAf26	EMAm23	0.007
EMAf27	EMAm23	-0.002
EMAf28	EMAm23	0.015
EMAf29	EMAm23	-0.022
EMAf30	EMAm23	-0.034
EMAf31	EMAm23	0.025
EMAf32	EMAm23	-0.028
EMAf33	EMAm23	0.003
EMAf34	EMAm23	-0.012

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf35	EMAm23	0.021
EMAf36	EMAm23	-0.036
EMAf37	EMAm23	0.040
EMAf38	EMAm23	0.009
EMAf39	EMAm23	-0.033
EMAm21	EMAm23	-0.050
EMAm22	EMAm23	-0.015
EMAf1	EMAm24	0.015
EMAf2	EMAm24	-0.006
EMAf3	EMAm24	-0.023
EMAf4	EMAm24	-0.029
EMAf5	EMAm24	-0.031
EMAf6	EMAm24	-0.033
EMAf7	EMAm24	-0.028
EMAf8	EMAm24	-0.020
EMAf9	EMAm24	-0.017
EMAf10	EMAm24	-0.041
EMAm1	EMAm24	-0.032
EMAm2	EMAm24	-0.056
EMAm3	EMAm24	-0.002
EMAm4	EMAm24	-0.012
EMAm5	EMAm24	-0.023
EMAm6	EMAm24	0.006
EMAm7	EMAm24	0.020
EMAm8	EMAm24	-0.042
EMAm9	EMAm24	-0.017
EMAm10	EMAm24	-0.028
EMAm11	EMAm24	-0.040
EMAm12	EMAm24	-0.022
EMAm13	EMAm24	-0.013
EMAm14	EMAm24	-0.036
EMAm15	EMAm24	-0.044
EMAm16	EMAm24	-0.005
EMAm17	EMAm24	-0.037
EMAm18	EMAm24	-0.050
EMAm19	EMAm24	-0.046
EMAm20	EMAm24	-0.012
EMAf11	EMAm24	0.007
EMAf12	EMAm24	-0.006
EMAf13	EMAm24	-0.050
EMAf14	EMAm24	0.016
EMAf15	EMAm24	-0.045
EMAf16	EMAm24	-0.032
EMAf17	EMAm24	-0.039
EMAf18	EMAm24	0.022
EMAf19	EMAm24	0.009

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf20	EMAm24	0.019
EMAf21	EMAm24	-0.037
EMAf22	EMAm24	0.006
EMAf23	EMAm24	-0.023
EMAf24	EMAm24	-0.026
EMAf25	EMAm24	0.030
EMAf26	EMAm24	-0.012
EMAf27	EMAm24	0.012
EMAf28	EMAm24	0.005
EMAf29	EMAm24	-0.031
EMAf30	EMAm24	0.005
EMAf31	EMAm24	0.044
EMAf32	EMAm24	-0.007
EMAf33	EMAm24	0.007
EMAf34	EMAm24	0.022
EMAf35	EMAm24	0.000
EMAf36	EMAm24	0.021
EMAf37	EMAm24	-0.017
EMAf38	EMAm24	0.054
EMAf39	EMAm24	0.092
EMAm21	EMAm24	0.006
EMAm22	EMAm24	0.104
EMAm23	EMAm24	-0.039
EMAf1	EMAm25	-0.041
EMAf2	EMAm25	-0.044
EMAf3	EMAm25	-0.036
EMAf4	EMAm25	-0.037
EMAf5	EMAm25	-0.039
EMAf6	EMAm25	-0.037
EMAf7	EMAm25	-0.048
EMAf8	EMAm25	-0.017
EMAf9	EMAm25	-0.001
EMAf10	EMAm25	0.021
EMAm1	EMAm25	-0.035
EMAm2	EMAm25	-0.036
EMAm3	EMAm25	-0.019
EMAm4	EMAm25	-0.019
EMAm5	EMAm25	-0.030
EMAm6	EMAm25	-0.020
EMAm7	EMAm25	-0.052
EMAm8	EMAm25	-0.038
EMAm9	EMAm25	-0.034
EMAm10	EMAm25	-0.029
EMAm11	EMAm25	-0.046
EMAm12	EMAm25	-0.052
EMAm13	EMAm25	-0.018

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm14	EMAm25	-0.024
EMAm15	EMAm25	-0.048
EMAm16	EMAm25	-0.051
EMAm17	EMAm25	-0.056
EMAm18	EMAm25	-0.050
EMAm19	EMAm25	-0.027
EMAm20	EMAm25	-0.030
EMAf11	EMAm25	-0.001
EMAf12	EMAm25	0.031
EMAf13	EMAm25	-0.044
EMAf14	EMAm25	0.067
EMAf15	EMAm25	0.003
EMAf16	EMAm25	-0.015
EMAf17	EMAm25	0.040
EMAf18	EMAm25	-0.025
EMAf19	EMAm25	-0.024
EMAf20	EMAm25	-0.005
EMAf21	EMAm25	-0.011
EMAf22	EMAm25	-0.019
EMAf23	EMAm25	0.011
EMAf24	EMAm25	0.026
EMAf25	EMAm25	0.012
EMAf26	EMAm25	0.010
EMAf27	EMAm25	0.021
EMAf28	EMAm25	0.016
EMAf29	EMAm25	0.041
EMAf30	EMAm25	-0.004
EMAf31	EMAm25	-0.036
EMAf32	EMAm25	0.043
EMAf33	EMAm25	0.225
EMAf34	EMAm25	-0.020
EMAf35	EMAm25	0.002
EMAf36	EMAm25	0.033
EMAf37	EMAm25	-0.015
EMAf38	EMAm25	-0.016
EMAf39	EMAm25	0.005
EMAm21	EMAm25	0.030
EMAm22	EMAm25	0.001
EMAm23	EMAm25	-0.021
EMAm24	EMAm25	-0.012
EMAf1	EMAm26	-0.038
EMAf2	EMAm26	-0.047
EMAf3	EMAm26	-0.045
EMAf4	EMAm26	-0.049
EMAf5	EMAm26	-0.049
EMAf6	EMAm26	-0.052

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf7	EMAm26	-0.058
EMAf8	EMAm26	-0.033
EMAf9	EMAm26	-0.022
EMAf10	EMAm26	-0.024
EMAm1	EMAm26	-0.042
EMAm2	EMAm26	-0.022
EMAm3	EMAm26	-0.006
EMAm4	EMAm26	-0.036
EMAm5	EMAm26	-0.048
EMAm6	EMAm26	-0.050
EMAm7	EMAm26	-0.064
EMAm8	EMAm26	-0.055
EMAm9	EMAm26	-0.056
EMAm10	EMAm26	-0.031
EMAm11	EMAm26	-0.056
EMAm12	EMAm26	-0.035
EMAm13	EMAm26	-0.032
EMAm14	EMAm26	-0.029
EMAm15	EMAm26	-0.038
EMAm16	EMAm26	-0.040
EMAm17	EMAm26	-0.046
EMAm18	EMAm26	0.013
EMAm19	EMAm26	-0.049
EMAm20	EMAm26	-0.036
EMAf11	EMAm26	0.085
EMAf12	EMAm26	-0.004
EMAf13	EMAm26	-0.032
EMAf14	EMAm26	0.059
EMAf15	EMAm26	-0.025
EMAf16	EMAm26	-0.063
EMAf17	EMAm26	-0.060
EMAf18	EMAm26	0.011
EMAf19	EMAm26	-0.018
EMAf20	EMAm26	0.033
EMAf21	EMAm26	-0.003
EMAf22	EMAm26	0.001
EMAf23	EMAm26	-0.048
EMAf24	EMAm26	0.038
EMAf25	EMAm26	0.071
EMAf26	EMAm26	-0.026
EMAf27	EMAm26	0.024
EMAf28	EMAm26	0.010
EMAf29	EMAm26	0.003
EMAf30	EMAm26	0.025
EMAf31	EMAm26	0.036
EMAf32	EMAm26	0.088

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf33	EMAm26	-0.002
EMAf34	EMAm26	0.027
EMAf35	EMAm26	-0.035
EMAf36	EMAm26	0.023
EMAf37	EMAm26	-0.010
EMAf38	EMAm26	-0.028
EMAf39	EMAm26	0.077
EMAm21	EMAm26	0.075
EMAm22	EMAm26	-0.009
EMAm23	EMAm26	0.047
EMAm24	EMAm26	0.094
EMAm25	EMAm26	0.043
EMAf1	EMAm27	-0.049
EMAf2	EMAm27	-0.057
EMAf3	EMAm27	-0.055
EMAf4	EMAm27	-0.011
EMAf5	EMAm27	-0.034
EMAf6	EMAm27	-0.037
EMAf7	EMAm27	-0.012
EMAf8	EMAm27	-0.037
EMAf9	EMAm27	0.015
EMAf10	EMAm27	-0.032
EMAm1	EMAm27	-0.037
EMAm2	EMAm27	-0.036
EMAm3	EMAm27	-0.008
EMAm4	EMAm27	-0.015
EMAm5	EMAm27	-0.045
EMAm6	EMAm27	0.004
EMAm7	EMAm27	-0.052
EMAm8	EMAm27	-0.031
EMAm9	EMAm27	0.000
EMAm10	EMAm27	-0.027
EMAm11	EMAm27	-0.049
EMAm12	EMAm27	-0.052
EMAm13	EMAm27	-0.013
EMAm14	EMAm27	-0.034
EMAm15	EMAm27	-0.048
EMAm16	EMAm27	-0.015
EMAm17	EMAm27	-0.056
EMAm18	EMAm27	-0.044
EMAm19	EMAm27	-0.037
EMAm20	EMAm27	-0.017
EMAf11	EMAm27	0.016
EMAf12	EMAm27	-0.018
EMAf13	EMAm27	-0.018
EMAf14	EMAm27	-0.016

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf15	EMAm27	-0.020
EMAf16	EMAm27	-0.045
EMAf17	EMAm27	-0.021
EMAf18	EMAm27	-0.013
EMAf19	EMAm27	-0.052
EMAf20	EMAm27	-0.017
EMAf21	EMAm27	-0.018
EMAf22	EMAm27	-0.016
EMAf23	EMAm27	-0.036
EMAf24	EMAm27	-0.019
EMAf25	EMAm27	-0.005
EMAf26	EMAm27	-0.024
EMAf27	EMAm27	0.011
EMAf28	EMAm27	0.005
EMAf29	EMAm27	-0.004
EMAf30	EMAm27	0.039
EMAf31	EMAm27	-0.012
EMAf32	EMAm27	-0.003
EMAf33	EMAm27	-0.012
EMAf34	EMAm27	-0.007
EMAf35	EMAm27	-0.026
EMAf36	EMAm27	0.001
EMAf37	EMAm27	-0.033
EMAf38	EMAm27	-0.018
EMAf39	EMAm27	-0.001
EMAm21	EMAm27	0.007
EMAm22	EMAm27	-0.004
EMAm23	EMAm27	-0.034
EMAm24	EMAm27	-0.030
EMAm25	EMAm27	0.006
EMAm26	EMAm27	0.024
EMAf1	EMAm28	-0.057
EMAf2	EMAm28	-0.014
EMAf3	EMAm28	-0.057
EMAf4	EMAm28	-0.038
EMAf5	EMAm28	-0.041
EMAf6	EMAm28	-0.052
EMAf7	EMAm28	-0.039
EMAf8	EMAm28	-0.033
EMAf9	EMAm28	-0.013
EMAf10	EMAm28	-0.038
EMAm1	EMAm28	-0.051
EMAm2	EMAm28	-0.061
EMAm3	EMAm28	-0.045
EMAm4	EMAm28	-0.039
EMAm5	EMAm28	-0.041

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm6	EMAm28	-0.034
EMAm7	EMAm28	-0.061
EMAm8	EMAm28	-0.052
EMAm9	EMAm28	-0.059
EMAm10	EMAm28	-0.047
EMAm11	EMAm28	-0.045
EMAm12	EMAm28	-0.055
EMAm13	EMAm28	0.042
EMAm14	EMAm28	0.005
EMAm15	EMAm28	-0.057
EMAm16	EMAm28	-0.045
EMAm17	EMAm28	-0.059
EMAm18	EMAm28	-0.059
EMAm19	EMAm28	-0.052
EMAm20	EMAm28	0.012
EMAf11	EMAm28	0.063
EMAf12	EMAm28	-0.009
EMAf13	EMAm28	0.003
EMAf14	EMAm28	0.006
EMAf15	EMAm28	-0.032
EMAf16	EMAm28	-0.035
EMAf17	EMAm28	0.000
EMAf18	EMAm28	-0.031
EMAf19	EMAm28	0.034
EMAf20	EMAm28	0.013
EMAf21	EMAm28	-0.011
EMAf22	EMAm28	-0.010
EMAf23	EMAm28	-0.024
EMAf24	EMAm28	-0.049
EMAf25	EMAm28	-0.013
EMAf26	EMAm28	-0.048
EMAf27	EMAm28	0.047
EMAf28	EMAm28	0.029
EMAf29	EMAm28	0.005
EMAf30	EMAm28	0.076
EMAf31	EMAm28	0.006
EMAf32	EMAm28	0.012
EMAf33	EMAm28	-0.005
EMAf34	EMAm28	0.008
EMAf35	EMAm28	0.020
EMAf36	EMAm28	0.025
EMAf37	EMAm28	-0.020
EMAf38	EMAm28	-0.027
EMAf39	EMAm28	0.023
EMAm21	EMAm28	0.068
EMAm22	EMAm28	-0.016



<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm23	EMAm28	-0.014
EMAm24	EMAm28	0.073
EMAm25	EMAm28	0.023
EMAm26	EMAm28	0.060
EMAm27	EMAm28	0.114
EMAf1	EMAm29	-0.015
EMAf2	EMAm29	-0.044
EMAf3	EMAm29	-0.003
EMAf4	EMAm29	-0.025
EMAf5	EMAm29	-0.036
EMAf6	EMAm29	-0.020
EMAf7	EMAm29	-0.029
EMAf8	EMAm29	-0.048
EMAf9	EMAm29	-0.009
EMAf10	EMAm29	-0.031
EMAm1	EMAm29	-0.020
EMAm2	EMAm29	-0.028
EMAm3	EMAm29	0.013
EMAm4	EMAm29	0.020
EMAm5	EMAm29	-0.046
EMAm6	EMAm29	-0.024
EMAm7	EMAm29	-0.032
EMAm8	EMAm29	-0.048
EMAm9	EMAm29	-0.049
EMAm10	EMAm29	0.012
EMAm11	EMAm29	-0.049
EMAm12	EMAm29	-0.052
EMAm13	EMAm29	-0.037
EMAm14	EMAm29	-0.044
EMAm15	EMAm29	-0.048
EMAm16	EMAm29	-0.022
EMAm17	EMAm29	-0.038
EMAm18	EMAm29	-0.044
EMAm19	EMAm29	0.042
EMAm20	EMAm29	0.169
EMAf11	EMAm29	-0.043
EMAf12	EMAm29	-0.030
EMAf13	EMAm29	-0.046
EMAf14	EMAm29	0.006
EMAf15	EMAm29	-0.013
EMAf16	EMAm29	-0.055
EMAf17	EMAm29	-0.036
EMAf18	EMAm29	-0.022
EMAf19	EMAm29	-0.052
EMAf20	EMAm29	-0.010
EMAf21	EMAm29	-0.008

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf22	EMAm29	-0.011
EMAf23	EMAm29	-0.026
EMAf24	EMAm29	-0.026
EMAf25	EMAm29	-0.013
EMAf26	EMAm29	-0.052
EMAf27	EMAm29	0.000
EMAf28	EMAm29	-0.013
EMAf29	EMAm29	0.004
EMAf30	EMAm29	-0.001
EMAf31	EMAm29	0.020
EMAf32	EMAm29	0.002
EMAf33	EMAm29	0.015
EMAf34	EMAm29	-0.028
EMAf35	EMAm29	-0.055
EMAf36	EMAm29	0.028
EMAf37	EMAm29	-0.016
EMAf38	EMAm29	-0.009
EMAf39	EMAm29	0.017
EMAm21	EMAm29	0.002
EMAm22	EMAm29	-0.020
EMAm23	EMAm29	-0.016
EMAm24	EMAm29	0.043
EMAm25	EMAm29	0.015
EMAm26	EMAm29	0.044
EMAm27	EMAm29	0.095
EMAm28	EMAm29	0.095
EMAf1	EMAm30	-0.051
EMAf2	EMAm30	-0.039
EMAf3	EMAm30	-0.043
EMAf4	EMAm30	-0.045
EMAf5	EMAm30	-0.048
EMAf6	EMAm30	-0.041
EMAf7	EMAm30	-0.051
EMAf8	EMAm30	-0.007
EMAf9	EMAm30	-0.026
EMAf10	EMAm30	0.006
EMAm1	EMAm30	-0.045
EMAm2	EMAm30	-0.029
EMAm3	EMAm30	-0.035
EMAm4	EMAm30	-0.009
EMAm5	EMAm30	-0.037
EMAm6	EMAm30	0.008
EMAm7	EMAm30	-0.033
EMAm8	EMAm30	-0.029
EMAm9	EMAm30	-0.046
EMAm10	EMAm30	-0.044

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm11	EMAm30	-0.041
EMAm12	EMAm30	-0.058
EMAm13	EMAm30	-0.001
EMAm14	EMAm30	-0.056
EMAm15	EMAm30	-0.054
EMAm16	EMAm30	-0.049
EMAm17	EMAm30	-0.023
EMAm18	EMAm30	-0.045
EMAm19	EMAm30	-0.041
EMAm20	EMAm30	-0.011
EMAf11	EMAm30	-0.030
EMAf12	EMAm30	-0.051
EMAf13	EMAm30	-0.055
EMAf14	EMAm30	-0.001
EMAf15	EMAm30	-0.046
EMAf16	EMAm30	-0.043
EMAf17	EMAm30	0.016
EMAf18	EMAm30	-0.009
EMAf19	EMAm30	-0.018
EMAf20	EMAm30	0.023
EMAf21	EMAm30	0.035
EMAf22	EMAm30	0.049
EMAf23	EMAm30	-0.023
EMAf24	EMAm30	-0.014
EMAf25	EMAm30	0.007
EMAf26	EMAm30	-0.040
EMAf27	EMAm30	0.047
EMAf28	EMAm30	0.063
EMAf29	EMAm30	-0.001
EMAf30	EMAm30	0.008
EMAf31	EMAm30	0.056
EMAf32	EMAm30	0.031
EMAf33	EMAm30	-0.011
EMAf34	EMAm30	-0.004
EMAf35	EMAm30	-0.014
EMAf36	EMAm30	0.030
EMAf37	EMAm30	-0.005
EMAf38	EMAm30	0.002
EMAf39	EMAm30	0.069
EMAm21	EMAm30	0.062
EMAm22	EMAm30	0.007
EMAm23	EMAm30	-0.040
EMAm24	EMAm30	-0.015
EMAm25	EMAm30	0.015
EMAm26	EMAm30	0.045
EMAm27	EMAm30	0.020

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm28	EMAm30	0.078
EMAm29	EMAm30	0.032
EMAf1	EMAm31	-0.021
EMAf2	EMAm31	-0.030
EMAf3	EMAm31	-0.017
EMAf4	EMAm31	-0.029
EMAf5	EMAm31	0.007
EMAf6	EMAm31	-0.009
EMAf7	EMAm31	-0.023
EMAf8	EMAm31	-0.001
EMAf9	EMAm31	-0.014
EMAf10	EMAm31	-0.051
EMAm1	EMAm31	0.010
EMAm2	EMAm31	-0.016
EMAm3	EMAm31	-0.018
EMAm4	EMAm31	-0.030
EMAm5	EMAm31	0.003
EMAm6	EMAm31	0.006
EMAm7	EMAm31	-0.033
EMAm8	EMAm31	0.019
EMAm9	EMAm31	0.054
EMAm10	EMAm31	-0.028
EMAm11	EMAm31	-0.020
EMAm12	EMAm31	-0.043
EMAm13	EMAm31	0.014
EMAm14	EMAm31	0.010
EMAm15	EMAm31	-0.045
EMAm16	EMAm31	-0.028
EMAm17	EMAm31	-0.034
EMAm18	EMAm31	-0.004
EMAm19	EMAm31	-0.024
EMAm20	EMAm31	0.022
EMAf11	EMAm31	-0.017
EMAf12	EMAm31	-0.020
EMAf13	EMAm31	-0.024
EMAf14	EMAm31	0.020
EMAf15	EMAm31	-0.007
EMAf16	EMAm31	-0.026
EMAf17	EMAm31	-0.016
EMAf18	EMAm31	-0.006
EMAf19	EMAm31	-0.036
EMAf20	EMAm31	0.007
EMAf21	EMAm31	0.037
EMAf22	EMAm31	-0.005
EMAf23	EMAm31	0.005
EMAf24	EMAm31	-0.012

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAf25	EMAm31	-0.009
EMAf26	EMAm31	-0.045
EMAf27	EMAm31	0.007
EMAf28	EMAm31	-0.008
EMAf29	EMAm31	0.020
EMAf30	EMAm31	0.068
EMAf31	EMAm31	-0.023
EMAf32	EMAm31	-0.010
EMAf33	EMAm31	-0.025
EMAf34	EMAm31	-0.028
EMAf35	EMAm31	-0.045
EMAf36	EMAm31	0.016
EMAf37	EMAm31	-0.028
EMAf38	EMAm31	-0.042
EMAf39	EMAm31	0.019
EMAm21	EMAm31	-0.005
EMAm22	EMAm31	-0.005
EMAm23	EMAm31	-0.012
EMAm24	EMAm31	-0.027
EMAm25	EMAm31	-0.017
EMAm26	EMAm31	-0.007
EMAm27	EMAm31	0.050
EMAm28	EMAm31	0.040
EMAm29	EMAm31	0.010
EMAm30	EMAm31	0.082
EMAf1	EMAm32	0.002
EMAf2	EMAm32	-0.041
EMAf3	EMAm32	-0.024
EMAf4	EMAm32	-0.024
EMAf5	EMAm32	-0.034
EMAf6	EMAm32	-0.034
EMAf7	EMAm32	-0.045
EMAf8	EMAm32	-0.042
EMAf9	EMAm32	-0.021
EMAf10	EMAm32	-0.040
EMAm1	EMAm32	0.023
EMAm2	EMAm32	-0.028
EMAm3	EMAm32	-0.019
EMAm4	EMAm32	0.039
EMAm5	EMAm32	0.035
EMAm6	EMAm32	-0.015
EMAm7	EMAm32	-0.001
EMAm8	EMAm32	-0.056
EMAm9	EMAm32	-0.013
EMAm10	EMAm32	-0.016
EMAm11	EMAm32	-0.038

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm12	EMAm32	-0.026
EMAm13	EMAm32	-0.030
EMAm14	EMAm32	0.045
EMAm15	EMAm32	-0.048
EMAm16	EMAm32	-0.017
EMAm17	EMAm32	-0.046
EMAm18	EMAm32	-0.011
EMAm19	EMAm32	-0.035
EMAm20	EMAm32	0.009
EMAf11	EMAm32	-0.027
EMAf12	EMAm32	-0.015
EMAf13	EMAm32	-0.033
EMAf14	EMAm32	-0.009
EMAf15	EMAm32	-0.016
EMAf16	EMAm32	0.018
EMAf17	EMAm32	-0.035
EMAf18	EMAm32	-0.041
EMAf19	EMAm32	-0.053
EMAf20	EMAm32	-0.042
EMAf21	EMAm32	-0.046
EMAf22	EMAm32	-0.050
EMAf23	EMAm32	-0.034
EMAf24	EMAm32	0.008
EMAf25	EMAm32	0.083
EMAf26	EMAm32	-0.036
EMAf27	EMAm32	-0.026
EMAf28	EMAm32	-0.003
EMAf29	EMAm32	0.010
EMAf30	EMAm32	-0.035
EMAf31	EMAm32	-0.001
EMAf32	EMAm32	-0.013
EMAf33	EMAm32	-0.026
EMAf34	EMAm32	-0.013
EMAf35	EMAm32	-0.017
EMAf36	EMAm32	-0.041
EMAf37	EMAm32	-0.055
EMAf38	EMAm32	-0.019
EMAf39	EMAm32	0.043
EMAm21	EMAm32	0.022
EMAm22	EMAm32	0.006
EMAm23	EMAm32	0.132
EMAm24	EMAm32	0.058
EMAm25	EMAm32	0.050
EMAm26	EMAm32	0.053
EMAm27	EMAm32	-0.022
EMAm28	EMAm32	0.036

<b>Sample 1</b>	<b>Sample 2</b>	<b><i>r</i></b>
EMAm29	EMAm32	0.059
EMAm30	EMAm32	0.005
EMAm31	EMAm32	-0.025
EMAf1	EMAm33	-0.040
EMAf2	EMAm33	-0.047
EMAf3	EMAm33	-0.036
EMAf4	EMAm33	-0.045
EMAf5	EMAm33	-0.034
EMAf6	EMAm33	-0.022
EMAf7	EMAm33	0.003
EMAf8	EMAm33	-0.058
EMAf9	EMAm33	-0.014
EMAf10	EMAm33	-0.013
EMAm1	EMAm33	-0.030
EMAm2	EMAm33	-0.050
EMAm3	EMAm33	-0.046
EMAm4	EMAm33	-0.030
EMAm5	EMAm33	-0.040
EMAm6	EMAm33	-0.036
EMAm7	EMAm33	-0.062
EMAm8	EMAm33	-0.049
EMAm9	EMAm33	-0.050
EMAm10	EMAm33	-0.030
EMAm11	EMAm33	-0.029
EMAm12	EMAm33	-0.058
EMAm13	EMAm33	-0.038
EMAm14	EMAm33	-0.027
EMAm15	EMAm33	-0.058
EMAm16	EMAm33	-0.036
EMAm17	EMAm33	-0.040
EMAm18	EMAm33	0.005
EMAm19	EMAm33	-0.038
EMAm20	EMAm33	-0.039
EMAf11	EMAm33	-0.045
EMAf12	EMAm33	-0.034
EMAf13	EMAm33	0.039
EMAf14	EMAm33	-0.063
EMAf15	EMAm33	-0.049
EMAf16	EMAm33	-0.005
EMAf17	EMAm33	-0.017
EMAf18	EMAm33	-0.019
EMAf19	EMAm33	-0.018
EMAf20	EMAm33	-0.045
EMAf21	EMAm33	0.003
EMAf22	EMAm33	-0.047
EMAf23	EMAm33	-0.049

Sample 1	Sample 2	<i>r</i>
EMAf24	EMAm33	-0.033
EMAf25	EMAm33	-0.026
EMAf26	EMAm33	-0.050
EMAf27	EMAm33	-0.047
EMAf28	EMAm33	0.048
EMAf29	EMAm33	-0.053
EMAf30	EMAm33	-0.032
EMAf31	EMAm33	-0.003
EMAf32	EMAm33	-0.012
EMAf33	EMAm33	-0.008
EMAf34	EMAm33	-0.003
EMAf35	EMAm33	-0.012
EMAf36	EMAm33	-0.031
EMAf37	EMAm33	0.012
EMAf38	EMAm33	0.052
EMAf39	EMAm33	0.035
EMAm21	EMAm33	-0.035
EMAm22	EMAm33	0.001
EMAm23	EMAm33	0.011
EMAm24	EMAm33	0.014
EMAm25	EMAm33	-0.037
EMAm26	EMAm33	-0.027
EMAm27	EMAm33	-0.026
EMAm28	EMAm33	0.013
EMAm29	EMAm33	0.017
EMAm30	EMAm33	-0.013
EMAm31	EMAm33	-0.038
EMAm32	EMAm33	0.039

Linnaeus, C. *Systema Naturae per regna tria naturae: secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis*; apud JB Delamolliere: Sweden, Stockholm, 1758.